Terminal blocks
Klippon® Connect

Version 2025

Weidmüller

Terminal blocks
Catalogue 1

Terminal blocks

Universal range

- Spring connection with SNAP IN technology (S-Series)
- Spring connection with PUSH IN technology (A-Series)
- Spring connection with tension clamp technology (Z-Series)
- Screw connection with clamping yoke technology (W-Series)
- Screw connection with stud technology

Application range

- Power feed-in
- Power distribution
- Control voltage distribution
- Signal wiring
- Signal marshalling
- Building installation wiring
- Instrument transformer wiring
- Shielding and earthing

Installation

Appendix

Service and support

Index Index Type / Order No.

Efficient planning, installation and operation

Klippon® Connect provides you with added value at all stages

Control cabinets perform key functions in industrial applications: they transmit signals, control data and distribute power – often in challenging conditions such as vibration, dust, cold or heat. At the same time, they must be tailored to the specific requirements of each industry. To maximise efficiency potential, a consistent, optimised panel building process is essential.

This is where Klippon® Connect comes in.
With Klippon® Connect, you can maximise the efficiency of every step in the panel building process. Our terminal block solutions are designed to noticeably simplify your daily work – from planning to ongoing operation.

What this means for you:

- Less planning effort thanks to intelligent configuration tools
- Faster wiring thanks to innovative connection technologies
- Error-free processes thanks to consistent data and clear structures
- Easier marking and documentation
- Reliable operation thanks to durable, low-maintenance connections
- In short: you save time, avoid errors and increase your productivity – without compromise.

Productivity in the process – optimised phase by phase

Every panel building project starts with planning – it lays the foundation for efficiency and quality. This is followed by work preparation, assembly, testing and commissioning. To support you in the best possible way in each of these phases, we have structured and specifically optimised the entire process into the three core areas of planning, installation and operation.
The result: integrated solutions that save time, avoid errors and measurably increase your productivity – from the first planning step to ongoing operation.

Your benefits at a glance

Planning
- Up to 75% time savings in engineering
- Faster planning with the Weidmüller Configurator (WMC)
- Automatic compatibility check of terminals, accessories and markers
- Consistent data models for seamless integration into ECAD systems

Installation
- SNAP IN technology for lightning-fast, tool-free connection of conductors – even with pre-assembled wires
- PUSH IN connection for vibration-resistant, gas-tight connections with minimal effort
- Clear functional assignment through colour coding and large marking areas

Operation
- Integrated test points for easy maintenance and diagnostics
- Tool-free rewiring is possible with PUSH IN and SNAP IN
- Robust, low-maintenance connection technology ensures maximum system availability and easy expandability

Pioneers in industrial connectivity

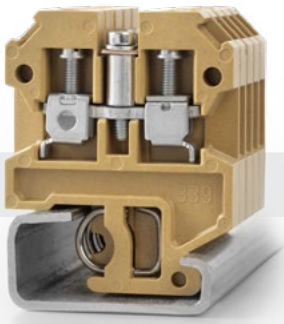
Being a pioneer means reinventing yourself time and time again

More than 75 years of experience, several billion connections manufactured and countless hours of development make Weidmüller terminal blocks the safest and most powerful on the market.

1948

SAK-Series

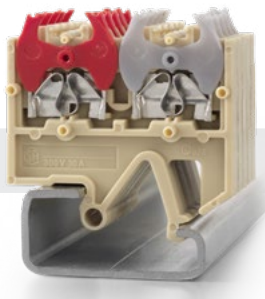
First plastic isolated terminal block



1978

DSK-Series

First terminal block with direct plug in technology



2004

P-Series

First terminal block family from Weidmüller with PUSH IN technology

2016

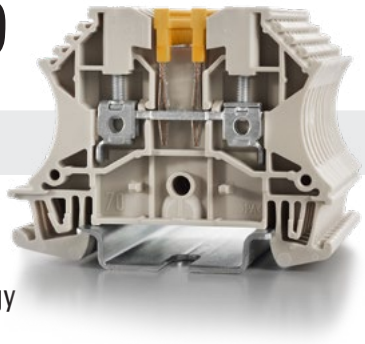
A-Series

First terminal block family with PUSH IN technology with pushers and application products

1983

W-Series

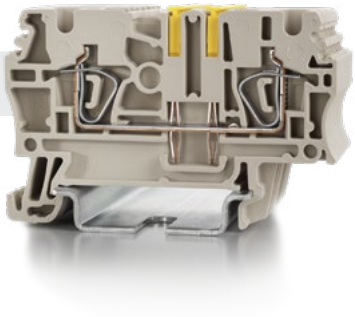
First terminal block
with self locking
clamping yoke technology



1993

Z-Series

First terminal block from
Weidmüller with tension
clamp technology



2021

PATENT protected

SNAP IN

S-Series

First terminal block family
with SNAP IN technology

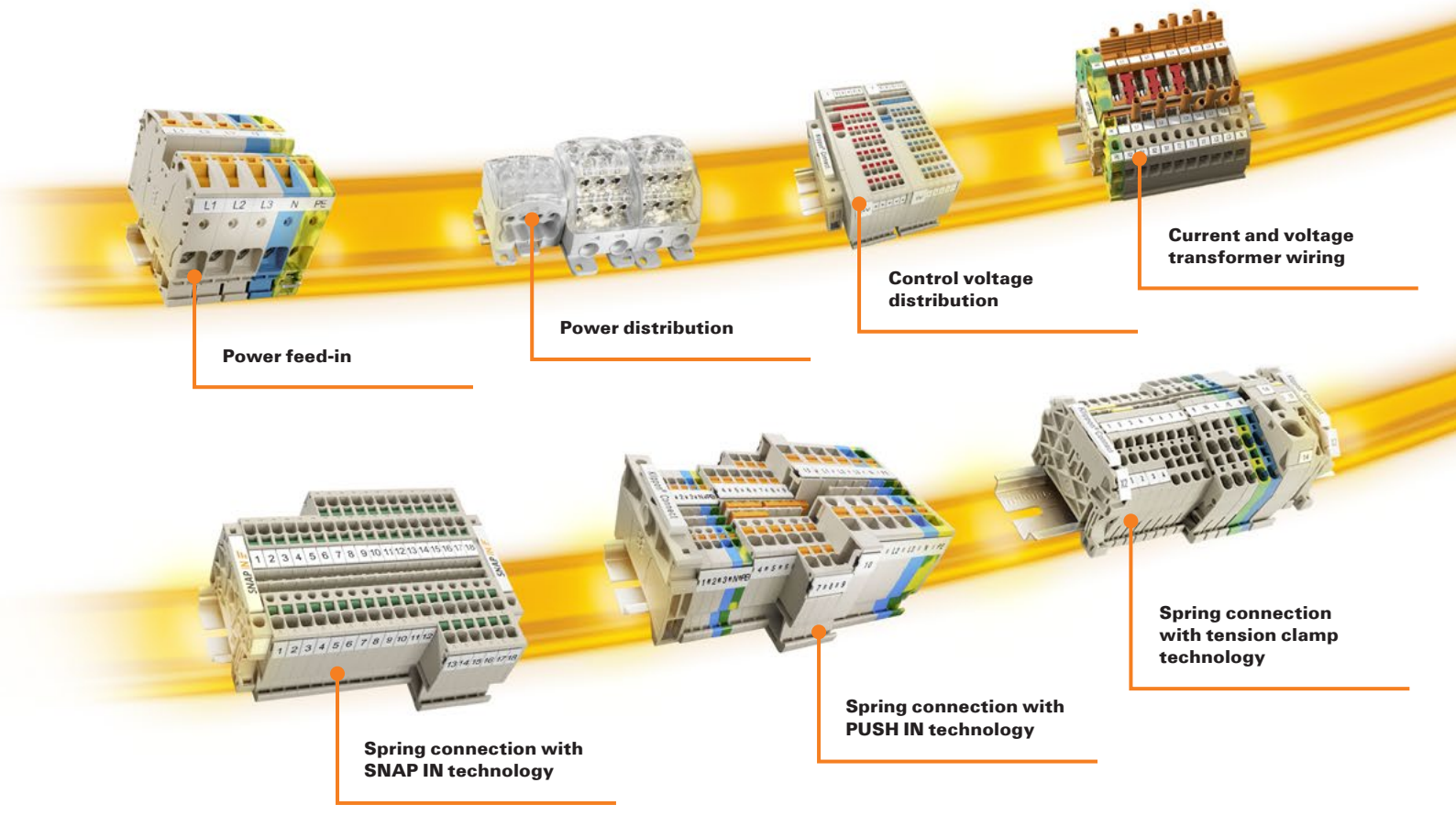
Solutions for more productivity

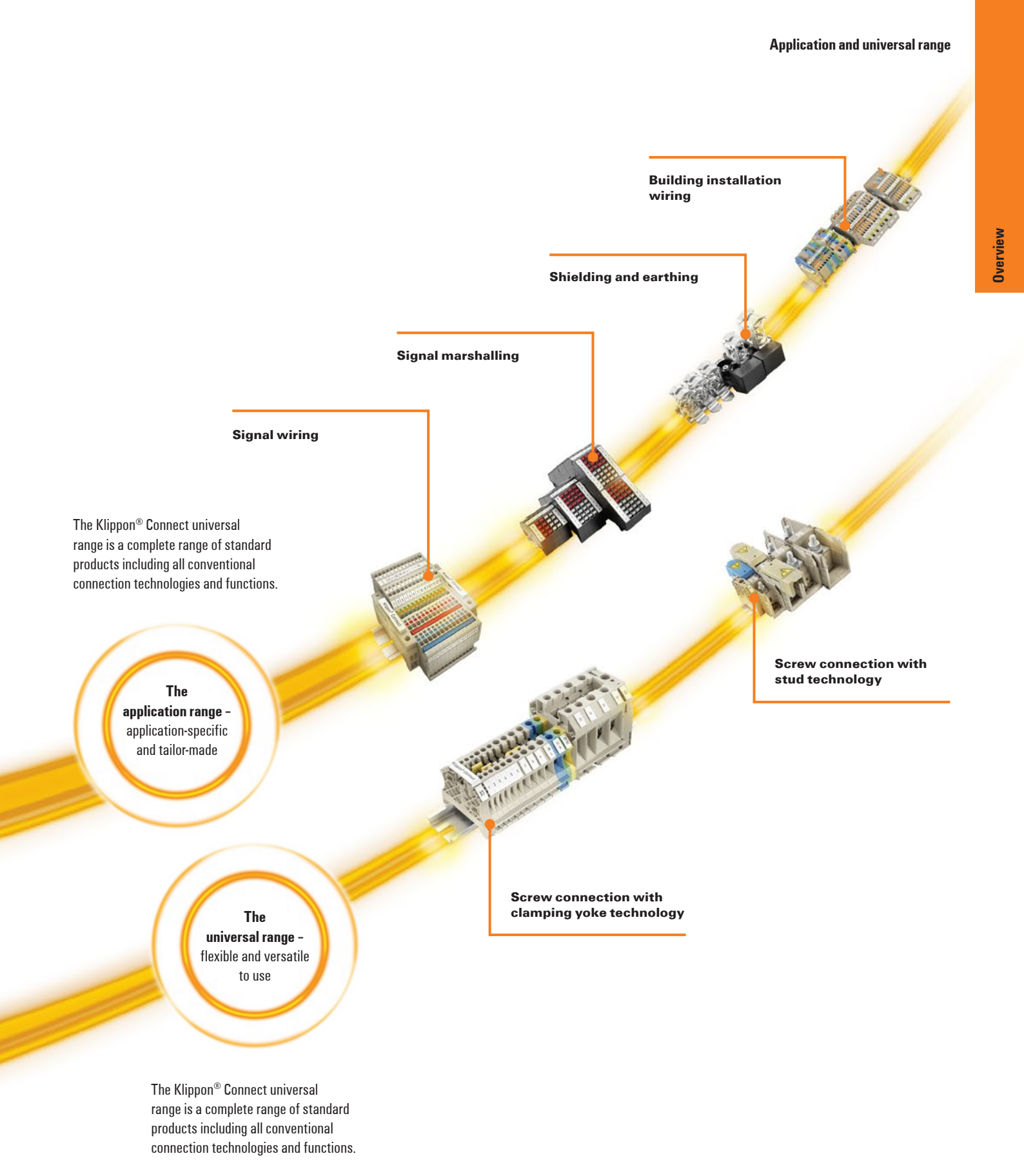
Extremely flexible process design – with Klippon® Connect

Whether it is simple handling, more space in the panel or time saving on installation: Klippon® Connect offers numerous benefits for your process. In line with our range of terminal blocks, we can offer you an application range and a universal range. The particular requirements determine which is the most suitable.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range. It provides you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety. And when tailored configuration is required, our customer-specific assembly service is available.

Our promise
With Klippon® Connect, we offer a comprehensive range of terminal blocks for high levels of productivity in your panel applications.





The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

The application range – application-specific and tailor-made

The universal range – flexible and versatile to use

The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

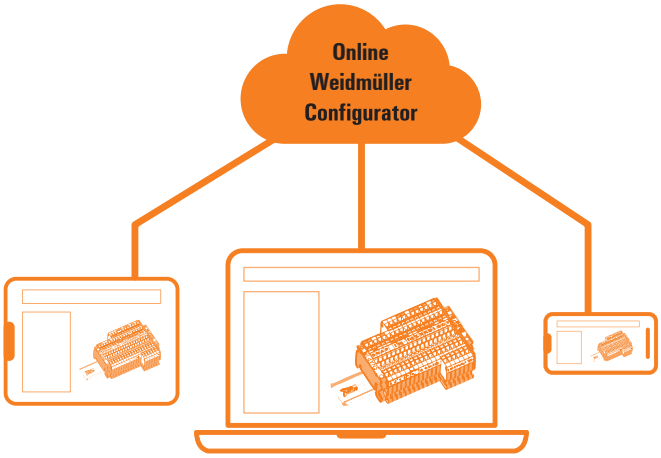
Configure. Share. Access anywhere.
Efficiency booster from engineering to production

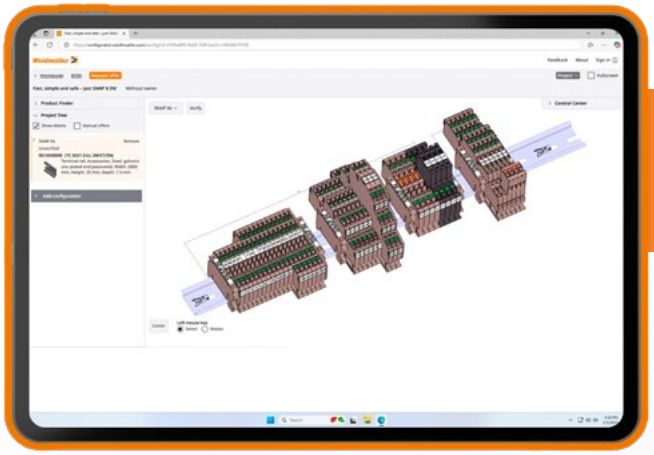
Discover the New Weidmüller Online Configurator!
The new online configurator extends the well-known Weidmüller Configurator (WMC) with a web-based version – perfect for configuring terminal strips. No installation required, directly accessible in any browser – anytime and anywhere.

Whether you're in the office, in production, or on the go: Access your configurations whenever and wherever you want – on a PC, tablet, or smartphone. The web-based solution not only simplifies access but also noticeably speeds up your processes. Developed in collaboration with customers, the interface impresses with its ease of use.

Your Benefits at a Glance:

- ✓ **Quick Start:** No updates or approvals needed – ready to use in your browser instantly.
- ✓ **Intuitive Operation:** User-friendly and suitable even for less experienced users.
- ✓ **Seamless Collaboration:** Easily share configurations via link – with read or edit permissions.
- ✓ **Smart Optimization:** Reduce installation width or switch connection technology with a click – e.g., to PUSH IN or SNAP IN.
- ✓ **Convenient Transition:** Existing WMC configurations can be directly transferred via cloud upload.
- ✓ **Fast Delivery:** Use the Fast Delivery Service now anytime and anywhere.





Online Weidmüller Configurator
From November 2025

Weidmüller Configurator (WMC) → **Online Weidmüller Configurator**

Online Weidmüller Configurator

Available from November 2025 – Configure anywhere, anytime and online.

Test the online WMC now!

configurator.weidmueller.com

All information about the software can be found here:
www.weidmueller.com/wmc

Fast Delivery Service for assembled terminal rails and enclosures

Produce faster with higher flexibility and efficiency

The Fast Delivery Service as a part of our Klippon® Assembly Service simplifies your planning, accelerates your production processes, and guarantees the delivery of individually assembled and ready-to-install terminal rails and enclosures. This way, you reduce costs, increase flexibility and stay one step ahead of your competitors.

Individual assembly in the Weidmüller Configurator
Our Weidmüller Configurator (WMC) supports you step-by-step as you select and configure your terminal rail or enclosures. You decide whether you want to carry out the complete configuration in the WMC or whether you want to import data sets from your E-CAD system and, after making final adjustments in the WMC, simply transfer them back again. The product categories below are available in the Weidmüller Configurator and can be assembled.

WMC

Products available in the Weidmüller Configurator

Terminal Blocks
Up to 5000 different terminals can be selected from the Weidmüller Klippon® Connect portfolio to be assembled on a mounting rail.

Empty and assembled industrial enclosures
You can configure drilled and assembled industrial enclosures including terminal rails and cable entry systems.

Assembled ex certified enclosures
In addition to industrial enclosures, ex-certified enclosures can also be assembled and drilled.

Power supplies and relais
Use the Weidmüller Configurator to pre-assemble products such as relays and power supplies on terminal rails.

Determine your own delivery time thanks to Fast Delivery Service

We offer the choice between 3 service levels

Your assembled product

Easily configure your assembled terminal rail, your empty enclosure, or assembled enclosure with our **Weidmüller Configurator.**

Fast Delivery
The ideal solution for very demanding delivery schedules

- **5* Day Delivery** europe-wide
- Selected product range

- **10* Day Delivery** europe-wide
- Wide range of products

* Valid for orders from Germany

Fast Offer
Quick price information for all products

- Individual configuration
- Direct offer

Added value

Offer provided in minutes

Available 24/7, including order numbers for direct ordering

Assembly from quantities 1

Ready-to-install assembly that meets your individual specifications

Reliable delivery

Automated manufacturing and direct ready for shipment from your regional assembly site

In just three steps to your first order

Your easy start with our Fast Delivery Service

Step 1

Install our Weidmüller Configurator and simply register by email: fds@weidmueller.com

Step 2

Upload E-CAD files or a structural parts list fo your products or configure your products directly in our WMC.

Step 3

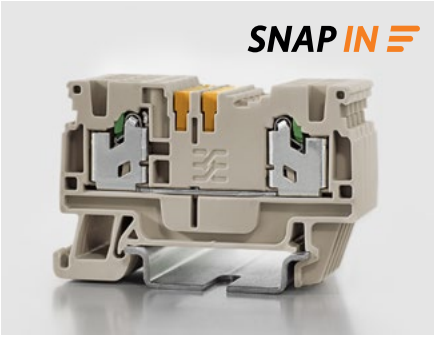
Start the quotation process for your disired product with just one click.

Universal range

Universal range	Connection technologies	A.2
	Spring connection with SNAP IN technology (S-Series)	A.4
	Feed-through terminal blocks	A.6
	PE terminal blocks	A.26
	Fuse terminals blocks	A.40
	Test-disconnect terminal blocks	A.41
	Pluggable terminal blocks	A.45
	Spring connection with PUSH IN technology (A-Series)	A.56
	Feed-through terminal blocks	A.58
	PE terminal blocks	A.92
	Fuse terminal blocks	A.106
	Test-disconnect terminal blocks	A.112
	Pluggable terminal blocks	A.122
	Terminal blocks with electronic components	A.144
	Terminal blocks with integrated markers	A.152
	Accessories	A.162
	Spring connection with tension clamp technology (Z-Series)	A.178
	Feed-through terminal blocks	A.180
	PE terminal blocks	A.218
	Fuse terminal blocks	A.235
	Test-disconnect terminal blocks	A.250
	Pluggable terminal blocks	A.254
	Terminal blocks with electronic components	A.274
	Accessories	A.284
	Screw connection with clamping yoke technology (W-Series)	A.296
	Feed-through terminal blocks	A.298
	PE terminal blocks	A.330
	Fuse terminal blocks	A.342
	Test-disconnect terminal blocks	A.368
	Pluggable terminal blocks	A.388
	Terminal blocks with electronic components	A.398
	Mini terminal blocks for enclosure wiring	A.404
	Accessories	A.410
	Screw connection with stud technology	A.426
	Feed-through terminal blocks – SRL	A.428
	Feed-through terminal blocks – WF and WFF	A.434
	Accessories	A.444

Application-oriented wiring

Klippon® Connect always offers the right connection technology



Spring connection with SNAP IN technology

The innovative SNAP IN technology revolutionizes control cabinet construction. The direct connection of flexible conductors without ferrules reduces conductor preparation and wiring.

Connection principle:
- Significant acceleration of installation and maintenance processes in the field
- Tool-free, material- and time-saving, as crimping on wire-end ferrules is no longer necessary
- Simply insert the flexible or stranded conductor into the open connection point until it „clicks“
- Secure connection that reliably withstands even strong shocks and vibrations

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.5 mm² to 16 mm²

Spring connection with PUSH IN technology

The innovative PUSH IN connection technology reduces the amount of time you spend on wiring to a minimum. The direct plug-in technology guarantees high conductor pull-out forces and simple handling for all conductor types.

Connection principle:
- With the PUSH IN connection technology, the force on the conductor is generated by a pressure spring made of highquality, acidresistant stainless steel
- The spring sits in a cage and is automatically opened upon connection
- The proven Weidmüller system, which separates the mechanical and the electrical function, ensures both high rated data and high conductor pull-out forces

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.14 mm² to 185 mm²

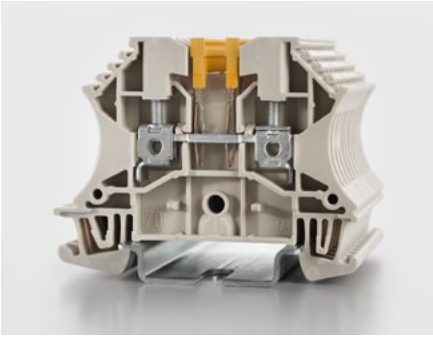
Spring connection with tension clamp technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

Connection principle:
- The tension clamp system works in a similar way to the proven clamping yoke
- The tension clamp made of highquality, acid-resistant stainless steel pulls the conductor against the galvanised copper current bar
- The surfacetreated current bar permanently provides a low level of contact resistance and a high level of corrosion resistance

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.05 mm² to 35 mm²



Screw connection with clamping yoke technology

The patented Weidmüller clamping yoke system sets standards. The fact that it is simple to handle makes clamping yoke technology the universal screwed connection solution for all conductor types.

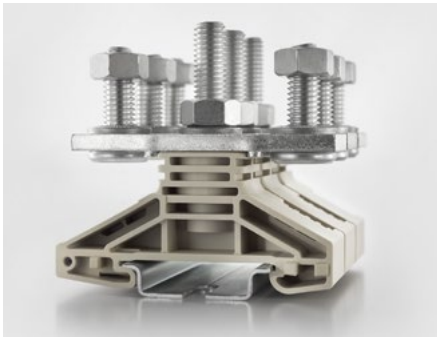
Connection principle:

- The clamping yoke system combines the specific properties of steel and copper. While the clamping yoke and clamping screw are made of hardened steel, the current is made of copper or high-quality copper alloy
- The clamping yoke pulls the conductor to be connected against the current bar
- Our clamping yoke system is maintenance-free and guarantees vibration-resistant connections

Clamped copper conductors:

- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.13 mm² to 300 mm²



Screw connection with stud technology

With stud technology, you are relying on an affordable and, at the same time, a safe and robust connection solution for applications in particularly harsh conditions.

Connection principle:

- Cable lugs crimped onto the ends of the conductor ensure a secure connection
- The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud. The reverse sides of the cable lugs are positioned against one other.
- Tightening the hexagon nut causes the cable lug flaps to press against one another – thereby creating a secure contact

Clamped copper conductors:

- According to DIN 46 234
- According to DIN 46 235

Connection sizes:
1.5 mm² to 300 mm²

As fast as a SNAP of your fingers

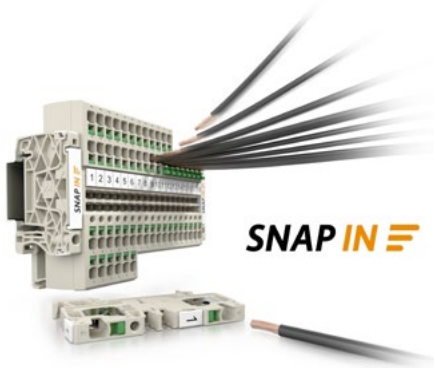
Klippon® Connect accelerates your wiring with innovative SNAP IN technology

Time is money. For this reason, installation work in control cabinet construction must be carried out ever faster, preferably automated. At the same time, the connections should be permanently reliable, safe, and easy to maintain. The new Klippon® Connect terminal blocks with Weidmüller's revolutionary SNAP IN technology meet all these requirements - and are extremely easy to use: stripped fine-stranded conductors just need to be inserted into the connection point, and the connection point snaps shut with a clearly audible click. The conductor is permanently and reliably contacted. To release the connection, press the green pusher. It couldn't be faster or easier.

Our promise
Klippon® Connect terminal blocks with SNAP IN technology revolutionize control cabinet wiring through their intuitive and simple handling. The reduction in cable preparation accelerates your wiring times and leads to a more efficient installation process.

GERMAN INNOVATION AWARD '22 WINNER

Overview



Thanks to the extensive choice of accessories and the different cross-connection options, our SNAP IN terminal blocks are the perfect solution for every requirement.

Compatibility with the A-series:
A terminal rail with the combination of both product families can be realized without any problems. Additional storage costs can be avoided thanks to the uniform accessories.

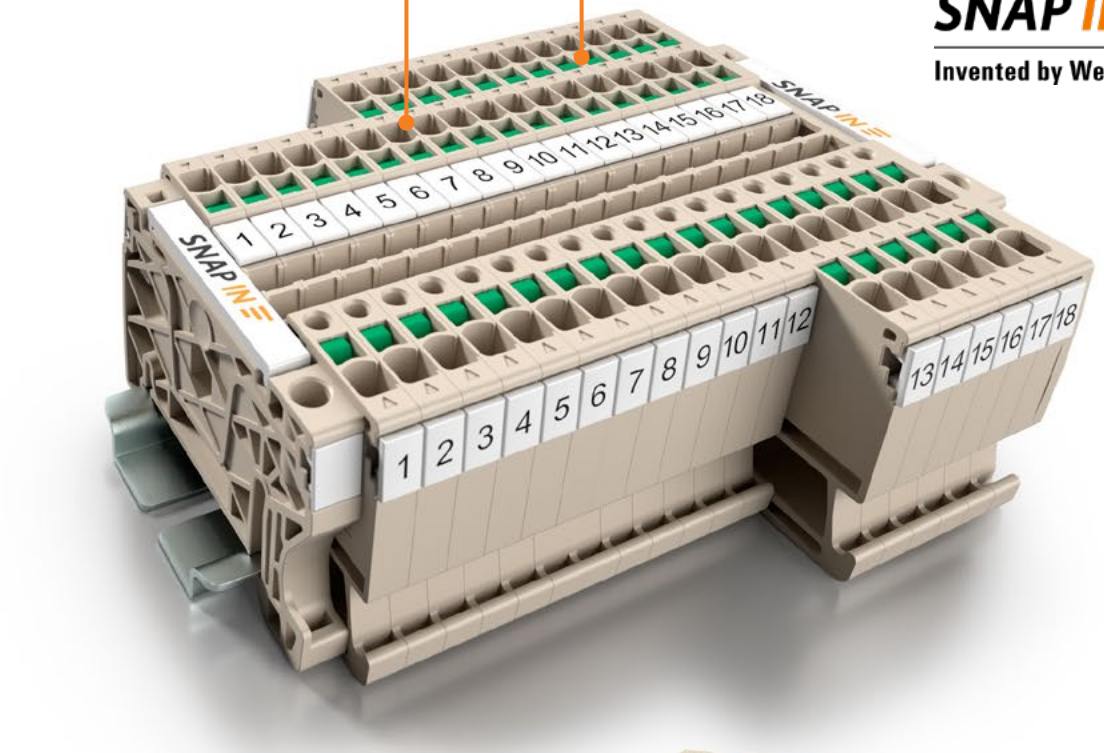
Everything with only one hand:
The pretensioned clamping point enables the conductor to be contacted quickly with low insertion forces. The SNAP IN technology supports both work with and without ferrules.

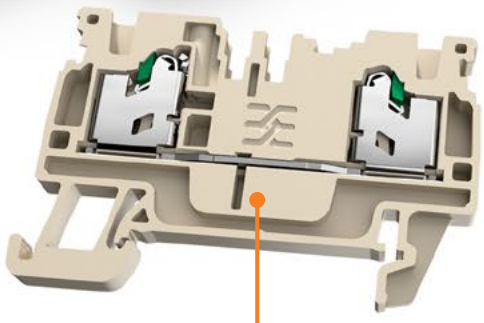
Ready for automation:
A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

Flexibility
- Ideal for the connection of flexible and fine-stranded conductors with and without ferrule
- Release the conductor with any tool
- Large marking surfaces make maintenance
- Compatible with accessories of the Klippon® Connect A series

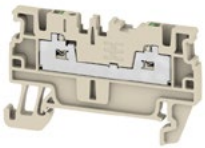
Time saving
- Intuitive and simple handling of SNAP IN technology
- Low mating forces due to simple insertion of the stripped conduc tor
- Quick and easy connection even without ferrule
- Clear distinction made between all functional areas

SNAP IN
Invented by Weidmüller.





Safety
- Audible click signals correct connection
- Standardised test point
- High contact reliability with lowest mating forces
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

	S2C 1.5	1.5 mm²	S3C 1.5	1.5 mm²
	Q1 2026		Q1 2026	
				
Width/Height/Depth mm	3.5 x 55 x 33.5		3.5 x 61.5 x 33.5	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**17.5 / 1.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...1.5**	

Technical data

Rated data	S2C 1.5	S3C 1.5
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7	S2C 1.5	S3C 1.5
500					
17.5					
1.5					
		6 kV / 3			
		A1 / V-0			

Clamped conductors	S2C 1.5	S3C 1.5
Solid / Stranded mm²	0.34...1.5 / 0.34...1.5	0.34...1.5 / 0.34...1.5
Flexible / Flexible with ferrule mm²	0.34...1.5 / 0.14...0.75	0.34...1.5 / 0.14...0.75
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	S2C 1.5		**2986540000**
Blue	S2C 1.5 BL		**2986550000**
Orange	S2C 1.5 OR		**2986560000**
Note			

Version	Type	Qty.	Order No.
	S3C 1.5		**2986580000**
	S3C 1.5 BL		**2986590000**
	S3C 1.5 OR		**2986600000**

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate				
dark beige	AEP 2C 1.5		50	**1552600000**
Blue	AEP 2C 1.5 BL		50	**1552610000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**2749260000**
Marking tags				
	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

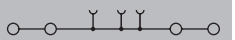
Plug-in cross-connection	Type		Qty.	Order No.
	ZQV 1.5N/2	17.5 A	60	**1985410000**
	ZQV 1.5N/10	17.5 A	20	**1985580000**
	AEP 3C 1.5		50	**1552620000**
	AEP 3C 1.5 BL		50	**1552630000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 V0		20	**2661280000**
	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
	PS 2.0 MC		20	**0310000000**
	SDS 0.4X2.0X60		1	**2749260000**
	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

For detailed information on other accessories and application in the online catalogue

S4C 1.5 — 1.5 mm²

Q1 2026

3.5 x 67.5 x 33.5
17.5 / 1.5
0.14...1.5



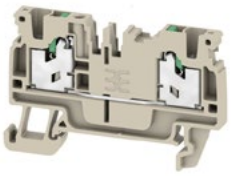
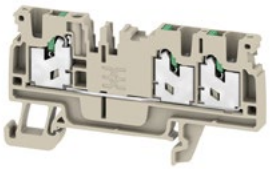
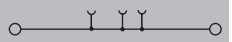
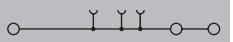
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
	6 kV / 3		
	A1 / V-0		

Rated connection
0.34...1.5 / 0.34...1.5
0.34...1.5 / 0.14...0.75
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
S4C 1.5		2986620000
S4C 1.5 BL		2986630000
S4C 1.5 OR		2986640000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 4C 1.5		50	1552640000
AEP 4C 1.5 BL		50	1552650000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

	S2C 2.5	2.5 mm²	S3C 2.5	2.5 mm²
				
Width/Height/Depth mm	5.1 x 59 x 38		5.1 x 71.5 x 38	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

Rated data							
		IEC 60947-7-1				IEC 60947-7-1	
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	550	800	600	600	550
Rated current	A	24	20	15	21	24	20	15	21
for wire cross-section	mm²	2.5	AWG 22...12	AWG 20...14	2.5 mm²	2.5	AWG 22...12	AWG 20...14	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0				A2 / V-0			
Approvals					TUEV22ATEX8925U				TUEV22ATEX8925U
Clamped conductors									
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.34...2.5				0.5...2.5 / 0.34...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

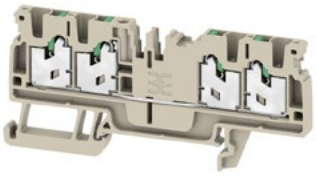
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	S2C 2.5	100	**2674530000**	S3C 2.5	100	**2674540000**
Blue	S2C 2.5 BL	100	**2753940000**	S3C 2.5 BL	100	**2753950000**
Orange	S2C 2.5 OR	100	**2875120000**	S3C 2.5 OR	100	**2875130000**
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
dark beige	SEP 2C 2.5		20	**2751080000**	SEP 3C 2.5		20	**2751090000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

S4C 2.5 — 2.5 mm²



5.1 x 84 x 38
24 / 2.5
0.34...2.5

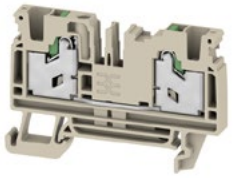
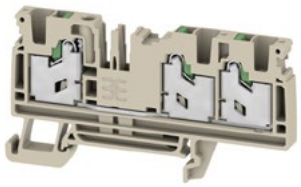
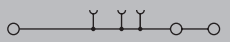
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	15	21
2.5	AWG 22...12	AWG 20...14	2.5 mm²
	8 kV / 3		
	A2 / V-0		
			TUEV22ATEX8925U

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 2.5	100	**2674550000**
S4C 2.5 BL	100	**2753960000**
S4C 2.5 OR	100	**2875140000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
SEP 4C 2.5		20	**2751100000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	S2C 4	S3C 4
	4 mm²	4 mm²
		
Width/Height/Depth mm	6.1 x 62 x 41.5	6.1 x 78 x 41.5
max. current / max. cond. cross-section A/mm²	**32 / 4**	**32 / 4** 
Max. clamping range mm²	**0.75...4**	**0.75...4**

Technical data

Rated data	S2C 4	S3C 4
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 1000 / UL: 600 / CSA: 600 / EN 60079-7: 550	IEC: 1000 / UL: 600 / CSA: 600 / EN 60079-7: 550
for wire cross-section mm²	IEC: 32 / UL: 30 / CSA: 30 / EN 60079-7: 29	IEC: 32 / UL: 30 / CSA: 30 / EN 60079-7: 29
Rated impulse withstand voltage / Pollution severity	IEC: 4 / UL: AWG 20...10 / CSA: AWG 20...10 / EN 60079-7: 6 mm²	IEC: 4 / UL: AWG 20...10 / CSA: AWG 20...10 / EN 60079-7: 6 mm²
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	A4 / V-0	A4 / V-0
	CE cULus UKCA TUEV22ATEX8925U	CE cULus UKCA TUEV22ATEX8925U
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.75...4 / 0.75...4	0.75...4 / 0.75...4
Flexible / Flexible with ferrule mm²	0.75...4 / 0.75...4	0.75...4 / 0.75...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	S2C 4	50	**2874820000**
Blue	S2C 4 BL	50	**2874830000**
Orange	S2C 4 OR	50	**3023540000**
Note			

Type	Qty.	Order No.
S3C 4	50	**2874840000**
S3C 4 BL	50	**2874850000**
S3C 4 OR	50	**3023550000**

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	SEP 2C 4		20	**2874790000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	WS 8/6 MM WS		600	**2007160000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
SEP 3C 4		20	**2874800000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**
DEK 5/6 MM WS		600	**2007120000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

S4C 4 — 4 mm²

6.1 x 94 x 41.5
32 / 4
0.75...4

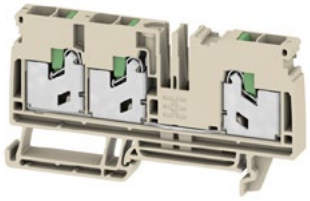
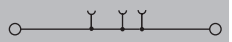
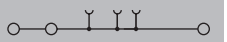
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
32	30	30	29
4	AWG 20...10	AWG 20...10	6 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV22ATEX8925U

Rated connection
0.75...4 / 0.75...4
0.75...4 / 0.75...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 4	50	**2874860000**
S4C 4 BL	50	**2874870000**
S4C 4 OR	50	**3023560000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
SEP 4C 4		20	**2874810000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**
DEK 5/6 MM WS		600	**2007120000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
WS 8/6 MM WS		600	**2007160000**

	S2C 6	S3C 6
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.1 x 66.5 x 45.5	8.1 x 84.5 x 45.5
max. current / max. cond. cross-section A/mm²	**41 / 6** 	**41 / 6** 
Max. clamping range mm²	**0.5...6**	**0.5...6**

Technical data

Rated data	S2C 6	S3C 6
Rated voltage V	IEC 60947-7-1: 1000	IEC 60947-7-1: 1000
Rated current A	41	41
for wire cross-section mm²	6	6
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	IEC, UL, CSA, EN 60079-7, CE	IEC, UL, CSA, EN 60079-7, CE
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	S2C 6	50	2935540000
Blue	S2C 6 BL	50	2935550000
Orange	S2C 6 OR	50	2935560000
Note			

Version	Type	Qty.	Order No.
dark beige	S3C 6	50	2935570000
Blue	S3C 6 BL	50	2935580000
Orange	S3C 6 OR	50	2935590000
Note			

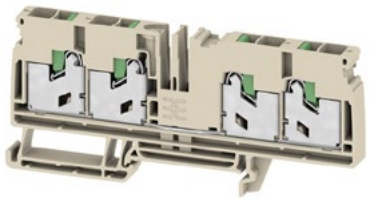
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 6N/2	41 A	60	1985740000
3-pole	ZQV 6N/3	41 A	60	1985760000
4-pole	ZQV 6N/4	41 A	60	1985780000
End plate				
dark beige	SEP 2C 6		20	2935660000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 6 MI-R	0.2 A	50	1991930000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

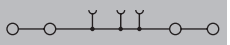
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 6N/2	41 A	60	1985740000
3-pole	ZQV 6N/3	41 A	60	1985760000
4-pole	ZQV 6N/4	41 A	60	1985780000
End plate				
dark beige	SEP 3C 6		20	2935670000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 6 MI-R	0.2 A	50	1991930000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

S4C 6 — 6 mm²



8.1 x 102 x 45.5
41 / 6
0.5...6



IEC 60947-7-1

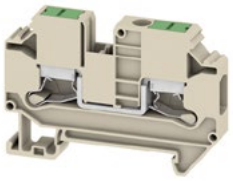
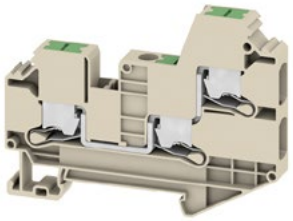
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
	8 kV / 3		
	A5 / V-0		

CE

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
S4C 6	50	**2935600000**
S4C 6 BL	50	**2935610000**
S4C 6 OR	50	**2935620000**

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
ZQV 6N/3	41 A	60	**1985760000**
ZQV 6N/4	41 A	60	**1985780000**
SEP 4C 6		20	**2935680000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

	SL2C 6	SL3C 6
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.2 x 62.8 x 42.2	8.2 x 76.7 x 57.6
max. current / max. cond. cross-section A/mm²	**41 / 10**	**41 / 10**
Max. clamping range mm²	**0.5...10**	**0.5...10**

Technical data

Rated data	SL2C 6	SL3C 6
Rated voltage V	IEC 60947-7-1: 1000	IEC 60947-7-1: 1000
Rated current A	IEC: 41	IEC: 41
for wire cross-section mm²	IEC: 6	IEC: 6
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	UL: 600 / CSA: 600 / EN 60079-7: 40	UL: 600 / CSA: 600 / EN 60079-7: 40
Clamped conductors	AWG 14...8	AWG 14...8
Solid / Stranded mm²	0.5...10 / 1.5...10	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	1.5...10 / 1.5...6	1.5...10 / 1.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	SL2C 6	50	**3037380000**
Blue	SL2C 6 BL	50	**3037390000**
Note			

Type	Qty.	Order No.
SL3C 6	50	**3037410000**
SL3C 6 BL	50	**3037420000**

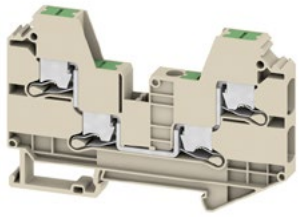
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 6SL/2	41 A	25	**3077580000**
3-pole	ZQV 6SL/3	41 A	25	**3077590000**
4-pole	ZQV 6SL/4	41 A	25	**3077600000**
End plate				
dark beige	SLEP 2C 6		50	**3037590000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 6 MI-R	0.2 A	50	**1991930000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

	Type		Qty.	Order No.
	ZQV 6SL/2	41 A	25	**3077580000**
	ZQV 6SL/3	41 A	25	**3077590000**
	ZQV 6SL/4	41 A	25	**3077600000**
	SLEP 2C 6		50	**3037590000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 V0		20	**2661280000**
	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	ATPG 6 MI-R	0.2 A	50	**1991930000**
	PS 2.0 MC		20	**0310000000**
	SDIL 1,0X5,5X125		1	**2749160000**
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

SL4C 6 — 6 mm²



8.2 x 90.6 x 57.6
41 / 10
0.5…10

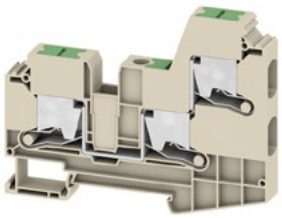
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
41	40	40	
6		AWG 14…8	
		8 kV / 3	
		A5 / V-0	

Rated connection
0.5…10 / 1.5…10
1.5…10 / 1.5…6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL4C 6	50	**3037440000**
SL4C 6 BL	50	**3037450000**

Type		Qty.	Order No.
ZQV 6SL/2	41 A	25	**3077580000**
ZQV 6SL/3	41 A	25	**3077590000**
ZQV 6SL/4	41 A	25	**3077600000**
SLEP 2C 6		50	**3037590000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

	SL2C 10	10 mm²	SL3C 10	10 mm²
				
Width/Height/Depth mm	10.2 x 72 x 48.8		10.2 x 89.1 x 68.5	
max. current / max. cond. cross-section A/mm²	**57 / 16**		**57 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

Rated data					IEC 60947-7-1				IEC 60947-7-1			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V				1000	600	600		1000	600	600	
Rated current	A				57	55	55		57	55	55	
for wire cross-section	mm²				10		AWG 12...6		10		AWG 12...6	
Rated impulse withstand voltage / Pollution severity							8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating							A6 / V-0				A6 / V-0	
Approvals					CE cULus				CE cULus			
Clamped conductors					**Rated connection**				**Rated connection**			
Solid / Stranded	mm²				1.5...16 / 2.5...16				1.5...16 / 2.5...16			
Flexible / Flexible with ferrule	mm²				2.5...16 / 2.5...10				2.5...16 / 2.5...10			
Stripping length / Blade size	mm/-				18 / 1.0 x 5.5 mm				18 / 1.0 x 5.5 mm			
Note												

Ordering data

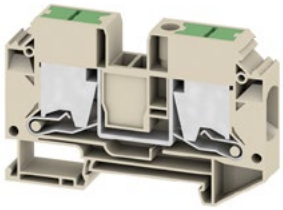
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	SL2C 10	50	**3037500000**	SL3C 10	50	**3037530000**
	Blue	SL2C 10 BL	50	**3037510000**	SL3C 10 BL	50	**3037540000**
Note							

Accessories

Plug-in cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
	2-pole	ZQV 10N/2	57 A	25	**2497250000**	ZQV 10N/2	57 A	25	**2497250000**
	3-pole								
	4-pole								
End plate									
	dark beige	SLEP 2C 10		50	**3037650000**	SLEP 2C 10		50	**3037650000**
End bracket									
	dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter									
	1-pole	ATPG 10 MI-R	0.2 A	50	**1991870000**	ATPG 10 MI-R	0.2 A	50	**1991870000**
	stackable								
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver									
	Standard	SDIL 1,0X5,5X125		1	**2749160000**	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags									
		DEK-A 5/8 MM WS		500	**2448860000**	DEK-A 5/8 MM WS		500	**2448860000**
		WS-A 8/8 MM WS		500	**2448930000**	WS-A 8/8 MM WS		500	**2448930000**
		DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**
		WS 10/8 PLUS MC NE WS		420	**1905950000**	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

SL2C 16 — 16 mm²



12.2 x 77.2 x 49.8
76 / 25
2.5...25

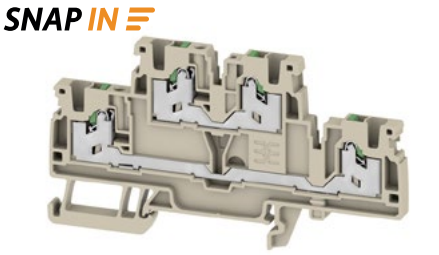
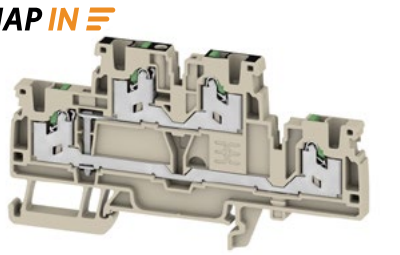
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
76	75	75	
16		AWG 10...4	
		8 kV / 3	
		A7 / V-0	

Rated connection
2.5...25 / 4...25
4...25 / 2.5...16
20 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL2C 16	50	**3037560000**
SL2C 16 BL	50	**3037570000**

Type		Qty.	Order No.
ZQV 16N/2	76 A	25	**2497290000**
SLEP 2C 10		50	**3037650000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 10 MI-R	0.2 A	50	**1991870000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

	S2T 2.5	S2T 2.5 VL
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 95 x 52	5.1 x 95 x 52
max. current / max. cond. cross-section A/mm²	22 / 2.5	22 / 2.5
Max. clamping range mm²	0.34...2.5	0.34...2.5

Technical data

	S2T 2.5	S2T 2.5 VL
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		
Note		

IEC	UL	CSA	EN 60079-7
800	600	600	550
22	20	20	19
2.5	AWG 22...12	AWG 22...12	2.5 mm²
8 kV / 3			
A2 / V-0			
TUEV22ATEX8925U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	S2T 2.5			S2T 2.5 VL		
	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	S2T 2.5	50	2902380000	S2T 2.5 VL	50	2902430000
Blue	S2T 2.5 BL	50	2902390000	S2T 2.5 VL BL	50	2902440000
Orange	S2T 2.5 OR	50	2902400000	S2T 2.5 VL OR	50	2902450000
Note						

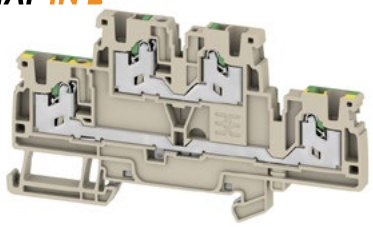
Accessories

	S2T 2.5				S2T 2.5 VL			
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
Vertical jumpers								
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000				
End plate								
dark beige	SEP 2T 2.5		20	2913480000	SEP 2T 2.5		20	2913480000
blue	SEP 2T 2.5 BL		20	2913490000	SEP 2T 2.5 BL		20	2913490000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000	SNAPMARK I		50	1805880000

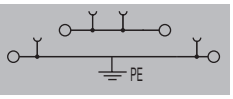
For detailed information on other accessories and application in the online catalogue

S2T 2.5 FT-PE | 2.5 mm²

SNAP IN



5.1 x 95 x 52
24 / 2.5
0.34...2.5



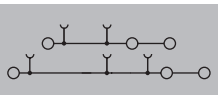
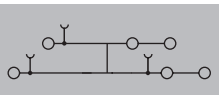
IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 22...12	AWG 22...12	2.5 mm²
	8 kV / 3		
	A2 / V-0		
			TUEV22ATEX8925U

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 FT-PE	50	2902410000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5		20	2913480000
SEP 2T 2.5 BL		20	2913490000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

	S2T 2.5 6C	2.5 mm²	S2T 2.5 6C VL	2.5 mm²
	SNAP IN		SNAP IN	
Width/Height/Depth mm	5.1 x 102.5 x 64.5		5.1 x 102.5 x 64.5	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

Rated data						IEC 60947-7-1
	IEC	UL	CSA	EN 60079-7		
Rated voltage V	800					
Rated current A	24					
for wire cross-section mm²	2.5					
Rated impulse withstand voltage / Pollution severity			8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0			
Approvals	CE					
Clamped conductors	**Rated connection**					
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5					
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.34...2.5					
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm					
Note						

Rated data						IEC 60947-7-1
	IEC	UL	CSA	EN 60079-7		
Rated voltage V	800					
Rated current A	24					
for wire cross-section mm²	2.5					
Rated impulse withstand voltage / Pollution severity			8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0			
Approvals	CE					
Clamped conductors	**Rated connection**					
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5					
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.34...2.5					
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm					
Note						

Ordering data

Version	Type	Qty.	Order No.
dark beige	S2T 2.5 6C	50	**3093170000**
Blue	S2T 2.5 6C BL	50	**3093200000**
Orange			
Note			

Version	Type	Qty.	Order No.
dark beige	S2T 2.5 6C VL	50	**3093210000**
Blue	S2T 2.5 6C VL BL	50	**3093230000**
Orange			
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
Vertical jumpers				
1-pole				
End plate				
dark beige	SEP 2T 2.5 6C		20	**3093280000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

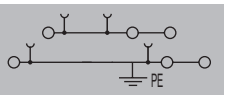
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
Vertical jumpers				
1-pole				
End plate				
dark beige	SEP 2T 2.5 6C		20	**3093280000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

S2T 2.5 6C FT-PE — 2.5 mm²

SNAP IN

5.1 x 102.5 x 64.5
24 / 2.5
0.34...2.5



IEC 60947-7-2, IEC 60947-7-1

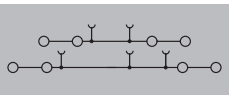
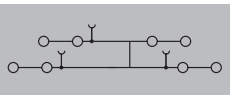
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 6C FT-PE	50	3093240000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5 6C		20	3093280000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	S2T 2.5 8C	2.5 mm²	S2T 2.5 8C VL	2.5 mm²
	SNAP IN		SNAP IN	
Width/Height/Depth mm	5.1 x 127.5 x 64.5		5.1 x 127.5 x 64.5	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

Rated data					IEC 60947-7-1
	IEC	UL	CSA	EN 60079-7	
Rated voltage V	800				
Rated current A	24				
for wire cross-section mm²	2.5				
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals	CE				
Clamped conductors	**Rated connection**				
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5				
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.34...2.5				
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				
Note					

Rated data					IEC 60947-7-1
	IEC	UL	CSA	EN 60079-7	
Rated voltage V	800				
Rated current A	24				
for wire cross-section mm²	2.5				
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals	CE				
Clamped conductors	**Rated connection**				
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5				
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.34...2.5				
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige	S2T 2.5 8C	50	**3093100000**
Blue	S2T 2.5 8C BL	50	**3093110000**
Orange			
Note			

Version	Type	Qty.	Order No.
dark beige	S2T 2.5 8C VL	50	**3093120000**
Blue	S2T 2.5 8C VL BL	50	**3093130000**
Orange			
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
Vertical jumpers				
1-pole				
End plate				
dark beige	SEP 2T 2.5 8C		20	**3093260000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

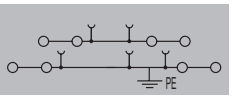
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
Vertical jumpers				
1-pole				
End plate				
dark beige	SEP 2T 2.5 8C		20	**3093260000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

S2T 2.5 8C FT-PE — 2.5 mm²

SNAP IN

5.1 x 127.5 x 64.5
24 / 2.5
0.34...2.5



IEC 60947-7-1, IEC 60947-7-2

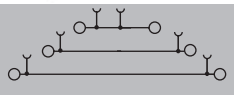
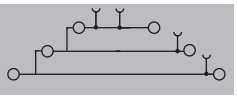
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 8C FT-PE	50	3093150000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5 8C		20	3093260000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	S3T 2.5	S3T 2.5 VL
	2.5 mm²	2.5 mm²
Width/Height/Depth mm	5.1 x 116 x 64.5	5.1 x 116 x 64.5
max. current / max. cond. cross-section A/mm²	22 / 2.5	24 / 2.5
Max. clamping range mm²	0.34...2.5	0.34...2.5
		

Technical data

Rated data	S3T 2.5	S3T 2.5 VL
Rated voltage V	IEC 800	IEC 60947-7-1 800
Rated current A	22	24
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	UL, CSA, EN 60079-7, CE	UL, CSA, EN 60079-7, CE
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	S3T 2.5	50	2902530000
Blue	S3T 2.5 BL	50	2902540000
Orange			

Version	Type	Qty.	Order No.
dark beige	S3T 2.5 VL	50	2902570000
Blue	S3T 2.5 VL BL	50	2902580000
Orange			

Note

Accessories

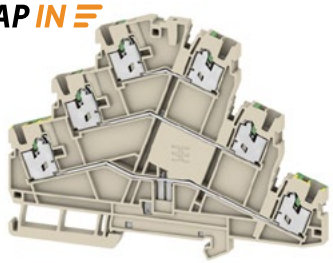
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
End plate				
dark beige	SEP 3T 2.5		20	2902630000
blue	SEP 3T 2.5 BL		20	2902640000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

	Type		Qty.	Order No.
	ZQV 2.5N/2	24 A	60	1527540000
	ZQV 2.5N/10	24 A	20	1527690000
	ZVQ 2.5/1.5	24 A	50	1720700000
	SEP 3T 2.5		20	2902630000
	SEP 3T 2.5 BL		20	2902640000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 2.5 MI-R	0.2 A	50	1991960000
	ATPG 2.5/3	0.2 A	25	2041190000
	ATPG 2.5/5	0.2 A	25	2041180000
	PS 2.0 MC		20	0310000000
	SDIL 0,6X3,5X100		1	2749140000
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

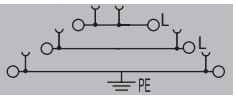
For detailed information on other accessories and application in the online catalogue

S3T 2.5 FT-FT-PE — 2.5 mm²

SNAP IN



5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	6 kV / 3		
	A3 / V-0		

CE

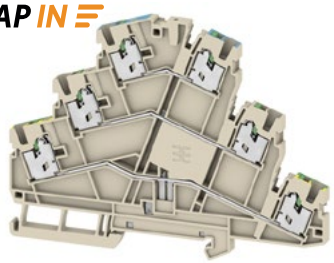
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S3T 2.5 FT-FT-PE	50	2902550000

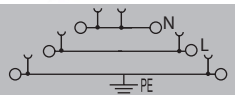
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZVQ 2.5/1.5	24 A	50	1720700000
SEP 3T 2.5		20	2902630000
SEP 3T 2.5 BL		20	2902640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

S3T 2.5 N-FT-PE — 2.5 mm²

SNAP IN



5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S3T 2.5 N-FT-PE	50	2902560000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZVQ 2.5/1.5	24 A	50	1720700000
SEP 3T 2.5		20	2902630000
SEP 3T 2.5 BL		20	2902640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

S2C 1.5 PE — 1.5 mm²

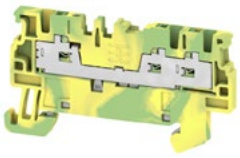
SNAP IN

Q1 2026

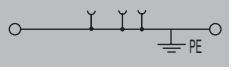
S3C 1.5 PE — 1.5 mm²

SNAP IN

Q1 2026



		S2C 1.5 PE	S3C 1.5 PE
Width/Height/Depth	mm	3.5 x 55 x 33.5	3.5 x 61.5 x 33.5
max. current / max. cond. cross-section	-/mm²	/ 1.5	/ 1.5
Max. clamping range	mm²	0.14...1.5	0.14...1.5



Technical data

Rated data		S2C 1.5 PE	S3C 1.5 PE
for wire cross-section	mm²	1.5	1.5
Rated voltage to adjoining terminal	V	500	500
Rated impulse withstand voltage to adjacent terminal	kV	6	
Rated short-time current		180 A (1.5 mm²)	180 A (1.5 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0	A1 / V-0
Approvals			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1.5			
500			
6			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1.5			
500			

Clamped conductors		S2C 1.5 PE	S3C 1.5 PE
Solid / Stranded	mm²	0.34...1.5 / 0.34...1.5	0.34...1.5 / 0.34...1.5
Flexible / Flexible with ferrule	mm²	0.34...1.5 / 0.14...0.75	0.34...1.5 / 0.14...0.75
Stripping length / Blade size	mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm

Note

Ordering data

Version	S2C 1.5 PE	S3C 1.5 PE
	Green/yellow	

Type	Qty.	Order No.
S2C 1.5 PE		2986570000

Type	Qty.	Order No.
S3C 1.5 PE		2986610000

Note

Accessories

		Type		Qty.	Order No.
End plate					
	dark beige	AEP 2C 1.5		50	1552600000
	Blue	AEP 2C 1.5 BL		50	1552610000
End bracket					
	dark beige, screwable	AEB 35 SC/1		50	1991920000
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter					
	1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
	stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
	3-pole				
	5-pole				
Test plug					
		PS 2.0 MC		20	0310000000
Screwdriver					
	Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags					
		WS 10/3.5 PLUS MC NE WS		960	2003760000
		DEK 5/3.5 MM WS		1000	2007100000
		DEK 5/3.5 PLUS MC NE WS		1600	2003750000

Type		Qty.	Order No.
AEP 3C 1.5		50	1552620000
AEP 3C 1.5 BL		50	1552630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and application in the online catalogue

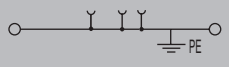
S4C 1.5 PE

1.5 mm²

SNAP IN

Q1 2026

3.5 x 67.5 x 33.5
/ 1.5
0.14...1.5



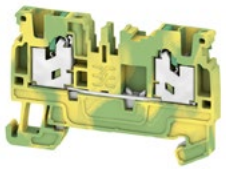
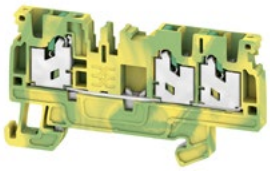
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1.5			
500			
	180 A (1.5 mm²)		
	3		
	A1 / V-0		

Rated connection
0.34...1.5 / 0.34...1.5
0.34...1.5 / 0.14...0.75
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
S4C 1.5 PE		**2986650000**

Type		Qty.	Order No.
AEP 4C 1.5		50	**1552640000**
AEP 4C 1.5 BL		50	**1552650000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

	S2C 2.5 PE	S3C 2.5 PE
	2.5 mm²	2.5 mm²
	SNAP IN	SNAP IN
		
Width/Height/Depth mm	5.1 x 59 x 38	5.1 x 71.5 x 38
max. current / max. cond. cross-section -/mm²	/ 2.5	/ 2.5
Max. clamping range mm²	0.34...2.5	0.34...2.5

Technical data

	S2C 2.5 PE	S3C 2.5 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	IEC: 2.5 / 800 / 8 · UL: AWG 22...12 · CSA: AWG 20...14 · EN 60079-7: 2.5 mm²	IEC: 2.5 / 800 / 8 · UL: AWG 22...12 · CSA: AWG 20...14 · EN 60079-7: 2.5 mm²
Rated impulse withstand voltage to adjacent terminal kV		
Rated short-time current	300 A (2.5 mm²)	300 A (2.5 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0	A2 / V-0
Approvals		
Clamped conductors		
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.34...2.5	0.5...2.5 / 0.34...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

	S2C 2.5 PE	S3C 2.5 PE
Version		
Green/yellow	Type: S2C 2.5 PE · Qty.: 50 · Order No.: 2674560000	Type: S3C 2.5 PE · Qty.: 50 · Order No.: 2674570000
Note		

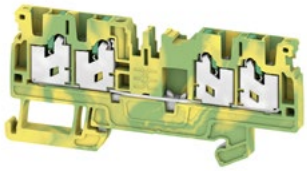
Accessories

	S2C 2.5 PE			S3C 2.5 PE		
	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate						
dark beige	SEP 2C 2.5	20	2751080000	SEP 3C 2.5	20	2751090000
Blue						
End bracket						
dark beige, screwable	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0	20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter						
1-pole	ATPG 1.5-10 L 0.2 A	50	1991890000	ATPG 1.5-10 L 0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R 0.2 A	50	1991960000	ATPG 2.5 MI-R 0.2 A	50	1991960000
3-pole	ATPG 2.5/3 0.2 A	25	2041190000	ATPG 2.5/3 0.2 A	25	2041190000
5-pole	ATPG 2.5/5 0.2 A	25	2041180000	ATPG 2.5/5 0.2 A	25	2041180000
Test plug						
	PS 2.0 MC	20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver						
Standard	SDIL 0,6X3,5X100	1	2749140000	SDIL 0,6X3,5X100	1	2749140000
Marking tags						
	DEK 5/5 PLUS MC NE WS	1000	1854490000	DEK 5/5 PLUS MC NE WS	1000	1854490000
	DEK 5/5 MM WS	800	2007110000	DEK 5/5 MM WS	800	2007110000
	WS 8/5 MM WS	800	2007150000	WS 8/5 MM WS	800	2007150000
	WS 10/5 M PLUS MC NE WS	600	2003770000	WS 10/5 M PLUS MC NE WS	600	2003770000

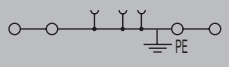
For detailed information on other accessories and application in the online catalogue

S4C 2.5 PE | 2.5 mm²

SNAP IN



5.1 x 84 x 38
/ 2.5
0.34...2.5



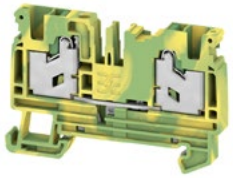
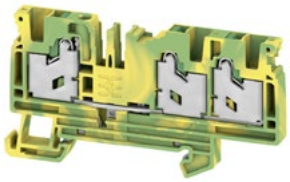
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 2.5 PE	50	2674580000

Type		Qty.	Order No.
SEP 4C 2.5		20	2751100000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	S2C 4 PE	S3C 4 PE
	4 mm²	4 mm²
	SNAP IN	SNAP IN
		
Width/Height/Depth mm	6.1 x 62 x 41.5	6.1 x 78 x 41.5
max. current / max. cond. cross-section -/mm²	/ 4	/ 4
Max. clamping range mm²	0.75...4	0.75...4

Technical data

	S2C 4 PE	S3C 4 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	IEC: 4 / UL: AWG 20...10 / CSA: AWG 20...10 / EN 60079-7: 6 mm²	IEC: 4 / UL: AWG 20...10 / CSA: AWG 20...10 / EN 60079-7: 6 mm²
Rated impulse withstand voltage to adjacent terminal kV	1000	1000
Rated short-time current	8	8
Pollution severity	480 A (4 mm²)	480 A (4 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	A4 / V-0	A4 / V-0
	CE cULus UKCA	CE cULus UKCA
Clamped conductors		
Solid / Stranded mm²	0.75...4 / 0.75...4	0.75...4 / 0.75...4
Flexible / Flexible with ferrule mm²	0.75...4 / 0.75...4	0.75...4 / 0.75...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

	S2C 4 PE	S3C 4 PE
Version		
Green/yellow		
Note		
Type	S2C 4 PE	S3C 4 PE
Qty.	50	50
Order No.	2874880000	2874890000

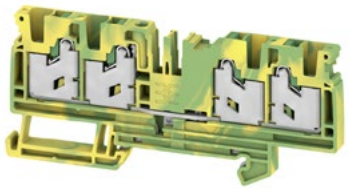
Accessories

	S2C 4 PE			S3C 4 PE		
End plate						
dark beige	SEP 2C 4		20 / 2874790000	SEP 3C 4		20 / 2874800000
Blue						
End bracket						
dark beige, screwable	AEB 35 SC/1		50 / 1991920000	AEB 35 SC/1		50 / 1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20 / 2661280000	AEB 35 SCL/1 V0		20 / 2661280000
Test adapter						
1-pole	ATPG 1.5-10 L	0.2 A	50 / 1991890000	ATPG 1.5-10 L	0.2 A	50 / 1991890000
stackable	ATPG 4 MI-R	0.2 A	50 / 1991860000	ATPG 2.5 MI-R	0.2 A	50 / 1991960000
3-pole						
5-pole						
Test plug						
	PS 2.0 MC		20 / 0310000000	PS 2.0 MC		20 / 0310000000
Screwdriver						
Standard	SDIL 0,6X3,5X100		1 / 2749140000	SDIL 0,6X3,5X100		1 / 2749140000
Marking tags						
	WS 10/6 M PLUS MC NE WS		600 / 2003780000	DEK 5/5 PLUS MC NE WS		1000 / 1854490000
	WS 8/6 MM WS		600 / 2007160000	DEK 5/5 MM WS		800 / 2007110000
	DEK 5/6 MM WS		600 / 2007120000	WS 8/5 MM WS		800 / 2007150000
	DEK 5/6 PLUS MC NE WS		1000 / 1011320000	WS 10/5 M PLUS MC NE WS		600 / 2003770000

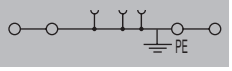
For detailed information on other accessories and application in the online catalogue

S4C 4 PE — 4 mm²

SNAP IN



6.1 x 94 x 41.5
/ 4
0.75...4



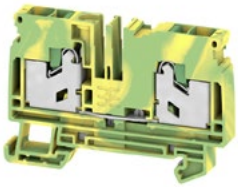
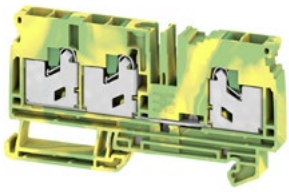
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 20...10	AWG 20...10	6 mm²
1000			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.75...4 / 0.75...4
0.75...4 / 0.75...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 4 PE	50	2874900000

Type		Qty.	Order No.
SEP 4C 4		20	2874810000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	S2C 6 PE	S3C 6 PE
	6 mm²	6 mm²
	SNAP IN	SNAP IN
		
Width/Height/Depth mm	8.1 x 66.5 x 45.5	8.1 x 84.5 x 45.5
max. current / max. cond. cross-section -/mm²	/ 6	/ 6
Max. clamping range mm²	0.5...6	0.5...6

Technical data

	S2C 6 PE	S3C 6 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	IEC 6 / UL / CSA / EN 60079-7	IEC 6 / UL / CSA / EN 60079-7
Rated impulse withstand voltage to adjacent terminal kV	1000	1000
Rated short-time current	8	8
Pollution severity	720 A (6 mm²)	720 A (6 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	A5 / V-0	A5 / V-0
	CE	CE
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	S2C 6 PE	50	2935630000
Note			

Version	Type	Qty.	Order No.
Green/yellow	S3C 6 PE	50	2935640000
Note			

Accessories

	Type		Qty.	Order No.
End plate				
dark beige	SEP 2C 6		20	2935660000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 6 MI-R	0.2 A	50	1991930000
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

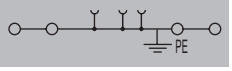
	Type		Qty.	Order No.
	SEP 3C 6		20	2935670000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 6 MI-R	0.2 A	50	1991930000
	PS 2.0 MC		20	0310000000
	SDIL 1,0X5,5X125		1	2749160000
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

S4C 6 PE — 6 mm²

SNAP IN

8.1 x 102 x 45.5
/ 6
0.5...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
1000			
8			
720 A (6 mm²)			
3			
A5 / V-0			

CE

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
S4C 6 PE	50	2935650000

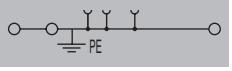
Type		Qty.	Order No.
SEP 4C 6		20	2935680000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

	SL2C 6 PE	6 mm²	SL3C 6 PE	6 mm²

SNAP IN

SNAP IN

Width/Height/Depth	mm	8.2 x 62.8 x 42.2	8.2 x 76.7 x 57.6
max. current / max. cond. cross-section	-/mm²	/ 10	/ 10
Max. clamping range	mm²	0.5...10	0.5...10



Technical data

		SL2C 6 PE	SL3C 6 PE
Rated data			
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	IEC: 6 / UL: 1000 / CSA: 8 / EN 60079-7: AWG 14...8	IEC: 6 / UL: 1000 / CSA: 8 / EN 60079-7: AWG 14...8
Rated impulse withstand voltage to adjacent terminal	kV		
Rated short-time current		720 A (6 mm²)	720 A (6 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0	A5 / V-0
Approvals			
Clamped conductors		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...10 / 1.5...10	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	mm²	1.5...10 / 1.5...6	1.5...10 / 1.5...6
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note			

Ordering data

		SL2C 6 PE	SL3C 6 PE
Version			
	Green/yellow		
Note			
Type		SL2C 6 PE	SL3C 6 PE
Qty.		50	50
Order No.		**3037400000**	**3037430000**

Accessories

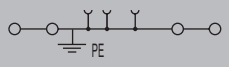
			SL2C 6 PE			SL3C 6 PE		
End plate			**Type**		**Order No.**	**Type**		**Order No.**
	dark beige		SEP 4C 6	20	**2935680000**	SEP 4C 6	20	**2935680000**
	Blue							
End bracket								
	dark beige, screwable		AEB 35 SC/1	50	**1991920000**	AEB 35 SC/1	50	**1991920000**
	dark beige, direct mounting		AEB 35 SCL/1 V0	20	**2661280000**	AEB 35 SCL/1 V0	20	**2661280000**
Test adapter								
	1-pole		ATPG 1.5-10 L	0.2 A 50	**1991890000**	ATPG 1.5-10 L	0.2 A 50	**1991890000**
	stackable		ATPG 6 MI-R	0.2 A 50	**1991930000**	ATPG 6 MI-R	0.2 A 50	**1991930000**
	3-pole							
	5-pole							
Test plug								
			PS 2.0 MC	20	**0310000000**	PS 2.0 MC	20	**0310000000**
Screwdriver								
	Standard		SDIL 1,0X5,5X125	1	**2749160000**	SDIL 1,0X5,5X125	1	**2749160000**
Marking tags								
			DEK-A 5/8 MM WS	500	**2448860000**	DEK-A 5/8 MM WS	500	**2448860000**
			WS-A 8/8 MM WS	500	**2448930000**	WS-A 8/8 MM WS	500	**2448930000**
			DEK 5/8 PLUS MC NE WS	800	**1046350000**	DEK 5/8 PLUS MC NE WS	800	**1046350000**
			WS 10/8 PLUS MC NE WS	420	**1905950000**	WS 10/8 PLUS MC NE WS	420	**1905950000**

For detailed information on other accessories and application in the online catalogue

SL4C 6 PE — 6 mm²

SNAP IN

8.2 x 90.6 x 57.6
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6		AWG 14...8	
1000			
8			
	720 A (6 mm²)		
	3		
	A5 / V-0		

Rated connection
0.5...10 / 1.5...10
1.5...10 / 1.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL4C 6 PE	50	3037460000

Type		Qty.	Order No.
SEP 4C 6		20	2935680000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

	SL2C 10 PE	10 mm²	SL3C 10 PE	10 mm²
	SNAP IN		SNAP IN	
Width/Height/Depth mm	10.2 x 72 x 48.8		10.2 x 89.1 x 68.5	
max. current / max. cond. cross-section -/mm²	/ 16		/ 16	
Max. clamping range mm²	1.5...16		1.5...16	

Technical data

Rated data						
for wire cross-section	mm²	IEC 60947-7-2				
Rated voltage to adjoining terminal	V	IEC	UL	CSA	EN 60079-7	
Rated impulse withstand voltage to adjacent terminal	kV	10		AWG 12...6		
Rated short-time current		1000				
Pollution severity		8				
Gauge to IEC 60947-1 / UL 94 flammability rating				1200 A (10 mm²)		
Approvals				3		
Clamped conductors				A6 / V-0		
Solid / Stranded	mm²					
Flexible / Flexible with ferrule	mm²	**Rated connection**				
Stripping length / Blade size	mm/-	1.5...16 / 2.5...16				
		2.5...16 / 2.5...10				
		18 / 1.0 x 5.5 mm				
Note						

Rated data						
for wire cross-section	mm²	IEC 60947-7-2				
Rated voltage to adjoining terminal	V	IEC	UL	CSA	EN 60079-7	
Rated impulse withstand voltage to adjacent terminal	kV	10		AWG 12...6		
Rated short-time current		1000				
Pollution severity		8				
Gauge to IEC 60947-1 / UL 94 flammability rating				1200 A (10 mm²)		
Approvals				3		
Clamped conductors				A6 / V-0		
Solid / Stranded	mm²					
Flexible / Flexible with ferrule	mm²	**Rated connection**				
Stripping length / Blade size	mm/-	1.5...16 / 2.5...16				
		2.5...16 / 2.5...10				
		18 / 1.0 x 5.5 mm				
Note						

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	SL2C 10 PE	50	3037520000
Note			

Version	Type	Qty.	Order No.
Green/yellow	SL3C 10 PE	50	3037550000
Note			

Accessories

	Type		Qty.	Order No.
End plate				
dark beige	SLEP 2C 6		50	3037590000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

	Type		Qty.	Order No.
End plate				
dark beige	SLEP 2C 6		50	3037590000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

SL2C 16 PE — 16 mm²

SNAP IN

12.2 x 77.2 x 49.8
/ 25
2.5...25

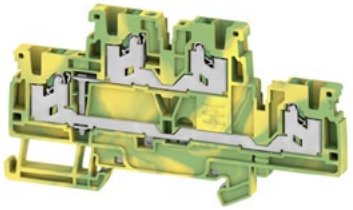
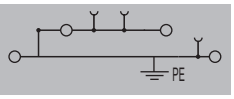
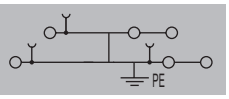
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16		AWG 10...4	
1000			
9.8			
	1920 A (16 mm²)		
	3		
	A7 / V-0		

Rated connection
2.5...25 / 4...25
4...25 / 2.5...16
20 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL2C 16 PE	50	**3037580000**

Type		Qty.	Order No.
SLEP 2C 6		50	**3037590000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

		S2T 2.5 PE	2.5 mm²	S2T 2.5 6C PE	2.5 mm²
		SNAP IN		SNAP IN	Q3 2025
					
Width/Height/Depth	mm	5.1 x 95 x 52		5.1 x 102.5 x 64.5	
max. current / max. cond. cross-section	-/mm²	/ 2.5		/ 2.5	
Max. clamping range	mm²	0.34...2.5		0.34...2.5	
					

Technical data

		S2T 2.5 PE				S2T 2.5 6C PE			
Rated data		IEC 60947-7-2				IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	2.5	AWG 22...12	AWG 22...12	2.5 mm²	2.5			
Rated voltage to adjoining terminal	V	800				800			
Rated impulse withstand voltage to adjacent terminal	kV	6				8			
Rated short-time current		300 A (2.5 mm²)				300 A (2.5 mm²)			
Pollution severity		3				3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0				A2 / V-0			
Approvals		CE cULus UKCA				CE			
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.34...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

		S2T 2.5 PE			S2T 2.5 6C PE		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	Green/yellow	S2T 2.5 PE	50	**2902460000**	S2T 2.5 6C PE	50	**3093250000**
Note							

Accessories

		S2T 2.5 PE				S2T 2.5 6C PE			
End plate		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	dark beige	SEP 2T 2.5		20	**2913480000**	SEP 2T 2.5 6C		20	**3093280000**
	Blue								
End bracket									
	dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter									
	1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
	3-pole								
	5-pole								
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver									
	Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags									
		DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
		WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**
		SNAPMARK I		50	**1805880000**	SNAPMARK I		50	**1805880000**

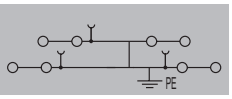
For detailed information on other accessories and application in the online catalogue

S2T 2.5 8C PE — 2.5 mm²

SNAP IN

Q3 2025

5.1 x 127.5 x 64.5
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

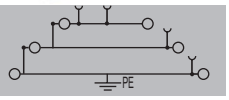
Type	Qty.	Order No.
S2T 2.5 8C PE	50	3093160000

Type	Qty.	Order No.
SEP 2T 2.5 8C	20	3093260000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

S3T 2.5 PE — 2.5 mm²

SNAP IN

5.1 x 116 x 64.5
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

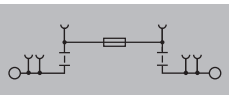
Type	Qty.	Order No.
S3T 2.5 PE	50	2902590000

Type	Qty.	Order No.
SEP 3T 2.5	20	2902630000
SEP 3T 2.5 BL	20	2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

SFS 4 2C BK — 4 mm²

SNAP IN

Width/Height/Depth	mm	6.1 x 67.7 x 79.1
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.75...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	150 (C)		
Rated current A	6.3	10		
for wire cross-section mm²	4			
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals	cULus			

Clamped conductors	Rated connection
Solid / Stranded mm²	0.75...4 / 0.75...4
Flexible / Flexible with ferrule mm²	0.75...4 / 0.75...4
Stripping length / Blade size	12 / 0.6 x 3.5 mm

Note

Ordering data

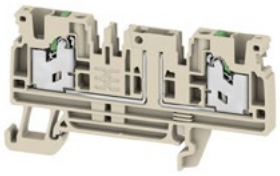
Version	Type	Qty.	Order No.
500 V AC/DC, without LED	SFS 4 2C BK	50	**2941480000**
10–36 V AC/DC, with LED	SFS 4 2C 10-36V BK	50	**2941490000**
30–70 V AC/DC, with LED	SFS 4 2C 30-70V BK	50	**2941500000**
60–150 V AC/DC, with LED	SFS 4 2C 60-150V BK	50	**2941510000**
100 – 250 V AC/DC, with LED	SFS 4 2C 100-250V BK	50	**2941520000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	SEP 3C 4		20	**2874800000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour				
	A3C 4	32 A	50	**2051240000**
	A3C 4 PE		50	**2051410000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

	SDT 2.5 2C	SDT 2.5 2C w/o DTLV
	2.5 mm²	2.5 mm²
	SNAP IN	SNAP IN
		
Width/Height/Depth mm	5.1 x 71 x 37.65	5.1 x 77.5 x 36.5
max. current / max. cond. cross-section A/mm²	**20 / 2.5**	**20 / 2.5**
Max. clamping range mm²	**0.34...2.5**	**0.34...2.5**

Technical data

	SDT 2.5 2C	SDT 2.5 2C w/o DTLV
Rated data	IEC 60947-7-1	DIN EN 60947-7-1
Rated voltage of feed-through terminal V	IEC 500 / UL 300	IEC 500 / UL 300
Rated current A	IEC 20 / UL 20	IEC 20 / UL 20
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	CSA 6 kV / 3	CSA 6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	CSA A3 / V-0	CSA A3 / V-0
Approvals	EN 60079-7	EN 60079-7
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	2.5...2.5 / 0.5...2.5	0.5...2.5 / 0.34...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

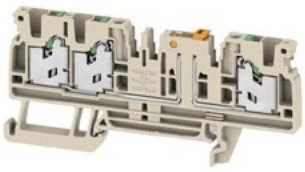
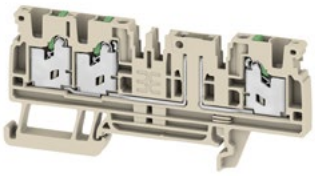
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	SDT 2.5 2C	50	**3016670000**	SDT 2.5 2C W/O DTLV	50	**3016710000**
Blue	SDT 2.5 2C BL	50	**2974130000**	SDT 2.5 2C W/O DTLV BL	50	**2983270000**
Orange	SDT 2.5 2C OR	50	**2974120000**	SDT 2.5 2C W/O DTLV OR	50	**2983260000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole								
10-pole								
End plate								
dark beige	SEP 3C 2.5		20	**2751090000**	SEP 3C 2.5		20	**2751090000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

	SDT 2.5 3C	2.5 mm²	SDT 2.5 3C w/o DTLV	2.5 mm²
	SNAP IN		SNAP IN	
				
Width/Height/Depth mm	5.1 x 84.5 x 37.65		5.1 x 84.5 x 36.5	
max. current / max. cond. cross-section A/mm²	**20 / 2.5**		**20 / 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

	SDT 2.5 3C	SDT 2.5 3C w/o DTLV
Rated data		
Rated voltage of feed-through terminal V	DIN EN 60947-7-1	DIN EN 60947-7-1
Rated current A	IEC: 500 / UL: 300	IEC: 500 / UL: 300
for wire cross-section mm²	IEC: 24 / UL: 20	IEC: 20 / UL: 20
Rated impulse withstand voltage / Pollution severity	IEC: 2.5	IEC: 2.5
Gauge to IEC 60947-1 / UL 94 flammability rating	CSA: 6 kV / 3	CSA: 6 kV / 3
Approvals	EN 60079-7: A3 / V-0	EN 60079-7: A3 / V-0
	cULus	cULus
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.34...2.5	0.5...2.5 / 0.34...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	SDT 2.5 3C	50	**3016680000**	SDT 2.5 3C W/O DTLV	50	**3016730000**
Blue	SDT 2.5 3C BL	50	**2974150000**	SDT 2.5 3C W/O DTLV BL	50	**2983290000**
Orange	SDT 2.5 3C OR	50	**2974140000**	SDT 2.5 3C W/O DTLV OR	50	**2983280000**
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole								
10-pole								
End plate								
dark beige	SEP 4C 2.5		20	**2751100000**	SEP 4C 2.5		20	**2751100000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 VO		20	**2661280000**	AEB 35 SCL/1 VO		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

SDT 2.5 4C — 2.5 mm²

SNAP IN

5.1 x 96 x 37.65
20 / 2.5
0.34...2.5

DIN EN 60947-7-1

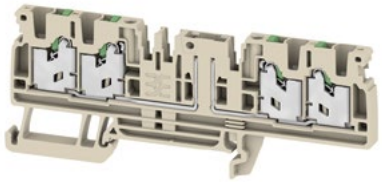
IEC	UL	CSA	EN 60079-7
500	300		
20	20		
2.5			
		6 kV / 3	
		A3 / V-0	

Rated connection
0.34...2.5 / 0.5...2.5
0.34...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
SDT 2.5 4C		50	**3016700000**
SDT 2.5 4C BL		50	**2974170000**
SDT 2.5 4C OR		50	**2974160000**
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
SEP DT 2.5 4C		50	**2929670000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DTLE 2.5/4		25	**2910530000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

SDT 2.5 4C w/o DTLV — 2.5 mm²

SNAP IN



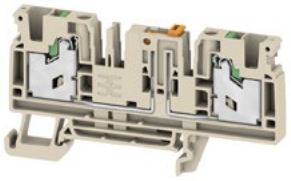
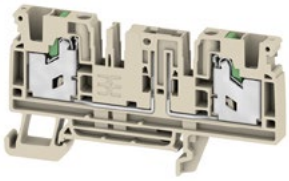
5.1 x 96 x 36.5
20 / 2.5
0.34...2.5

DIN EN 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
20	20		
2.5			
		6 kV / 3	
		A3 / V-0	

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
SDT 2.5 4C W/O DTLV		50	**3016740000**
SDT 2.5 4C W/O DTLV BL		50	**2983740000**
SDT 2.5 4C W/O DTLV OR		50	**2983730000**
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
SEP DT 2.5 4C		50	**2929670000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DTLE 2.5/4		25	**2910530000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	SDT 4 2C	4 mm²	SDT 4 2C w/o DTLV	4 mm²
	SNAP IN		SNAP IN	
				
Width/Height/Depth mm	6.1 x 74 x 41		6.1 x 74 x 41	
max. current / max. cond. cross-section A/mm²	**20 / 4**		**20 / 4**	
Max. clamping range mm²	**0.75...4**		**0.75...4**	

Technical data

Rated data					IEC 60947-7-1				IEC 60947-7-1			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V				500	300			500	300		
Rated current	A				20	25			20	25		
for wire cross-section	mm²				4				4			
Rated impulse withstand voltage / Pollution severity							4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating							A4 / V-0				A4 / V-0	
Approvals												
Clamped conductors					**Rated connection**				**Rated connection**			
Solid / Stranded	mm²				0.75...4 / 0.75...4				0.75...4 / 0.75...4			
Flexible / Flexible with ferrule	mm²				0.75...4 / 0.75...4				0.75...4 / 0.75...4			
Stripping length / Blade size	mm/-				12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note												

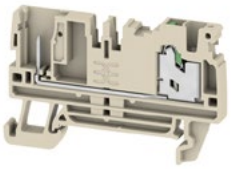
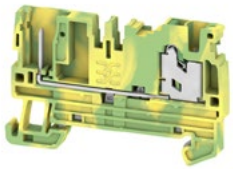
Ordering data

Version		Type		Qty.	Order No.	Type		Qty.	Order No.
dark beige		SDT 4 2C		50	**2941420000**	SDT 4 2C W/O DTLV		50	**2941450000**
Blue		SDT 4 2C BL		50	**2941430000**	SDT 4 2C W/O DTLV BL		50	**2941460000**
Orange		SDT 4 2C OR		50	**2941440000**	SDT 4 2C W/O DTLV OR		50	**2941470000**
Note									

Accessories

Plug-in cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole									
10-pole									
2-pole		ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole		ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate									
dark beige		SEP 3C 4		20	**2874800000**	SEP 3C 4		20	**2874800000**
End bracket									
dark beige, screwable		AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting		AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter									
1-pole		ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable		ATPG 4 MI-R	0.2 A	50	**1991860000**	ATPG 4 MI-R	0.2 A	50	**1991860000**
3-pole									
5-pole									
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver									
Standard		SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Switch lock									
red		DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Marking tags									
		WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
		WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
		DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**

For detailed information on other accessories and application in the online catalogue

	SPGTB 2.5 FT 2C/1	2.5 mm²	SPGTB 2.5 PE 2C/1	2.5 mm²
	SNAP IN	Q3 2025	SNAP IN	Q3 2025
				
Width/Height/Depth mm	5.1 x 58.5 x 38		5.1 x 58.5 x 38	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**/ 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

Rated data						
Rated voltage of feed-through terminal	V	IEC 60947-7-1				IEC 60947-7-2
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC** **UL** **CSA** **EN 60079-7**
for wire cross-section	mm²	800				
		24				
		2.5				2.5
Rated impulse withstand voltage / Pollution severity				8 kV / 3		8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0		A2 / V-0
Number of operating cycles						
Approvals		CE				CE
Clamped conductors		**Rated connection**				**Rated connection**
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.34...2.5				0.5...2.5 / 0.34...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm
Note						

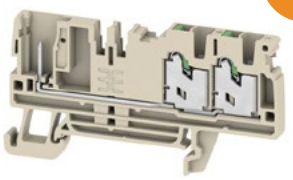
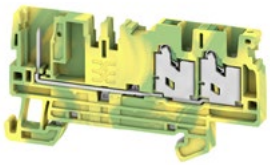
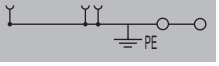
Ordering data

Version	SPGTB 2.5 FT 2C/1 Type	Qty.	Order No.	SPGTB 2.5 PE 2C/1 Type	Qty.	Order No.
dark beige	SPGTB 2.5 FT 2C/1	50	**3051460000**			
Blue	SPGTB 2.5 FT 2C/1 BL	50	**3051470000**			
Green/yellow				SPGTB 2.5 PE 2C/1	50	**3051550000**
Orange	SPGTB 2.5 FT 2C/1 OR	50	**3051480000**			
Note						

Accessories

	SPGTB 2.5 FT 2C/1 Type		Qty.	Order No.	SPGTB 2.5 PE 2C/1 Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
dark beige	SEP 2C 2.5		20	**2751080000**	SEP 2C 2.5		20	**2751080000**
blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Plug								
	SPG 2.5/1	24 A	50	**3030250000**	SPG 2.5/1	24 A	50	**3030250000**
	SPG 2.5/10	24 A	10	**3030100000**	SPG 2.5/10	24 A	10	**3030100000**
	SPG 2.5 L	24 A	50	**3030160000**	SPG 2.5 L	24 A	50	**3030160000**
	SPG 2.5 MI	24 A	50	**3030090000**	SPG 2.5 MI	24 A	50	**3030090000**
	SPG 2.5 R	24 A	50	**3030190000**	SPG 2.5 R	24 A	50	**3030190000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

	SPGTB 2.5 FT 3C/1	2.5 mm²	SPGTB 2.5 PE 3C/1	2.5 mm²
	SNAP IN	Q3 2025	SNAP IN	Q3 2025
				
Width/Height/Depth mm	5.1 x 71.5 x 38		5.1 x 71.5 x 38	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**/ 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

Rated data						
Rated voltage of feed-through terminal	V	IEC 60947-7-1				
Rated current	A	IEC	UL	CSA	EN 60079-7	
for wire cross-section	mm²	800				
Rated impulse withstand voltage / Pollution severity		24				
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5				
Number of operating cycles				8 kV / 3		
Approvals				A2 / V-0		
Clamped conductors		CE				
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5				
Stripping length / Blade size	mm/-	0.5...2.5 / 0.34...2.5				
		10 / 0.6 x 3.5 mm				
Note						

		IEC 60947-7-2				
		IEC	UL	CSA	EN 60079-7	
		2.5				
				8 kV / 3		
				A2 / V-0		
		CE				
		Rated connection				
		0.5...2.5 / 0.5...2.5				
		0.5...2.5 / 0.34...2.5				
		10 / 0.6 x 3.5 mm				

Ordering data

Version	Type	Qty.	Order No.
dark beige	SPGTB 2.5 FT 3C/1	50	**3051490000**
Blue	SPGTB 2.5 FT 3C/1 BL	50	**3051500000**
Green/yellow			
Orange	SPGTB 2.5 FT 3C/1 OR	50	**3051510000**
Note			

Type	Qty.	Order No.
SPGTB 2.5 PE 3C/1	50	**3051560000**

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	SEP 3C 2.5		20	**2751090000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Plug				
	SPG 2.5/1	24 A	50	**3030250000**
	SPG 2.5/10	24 A	10	**3030100000**
	SPG 2.5 L	24 A	50	**3030160000**
	SPG 2.5 MI	24 A	50	**3030090000**
	SPG 2.5 R	24 A	50	**3030190000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

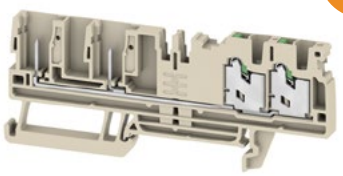
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
SEP 3C 2.5		20	**2751090000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SPG 2.5/1	24 A	50	**3030250000**
SPG 2.5/10	24 A	10	**3030100000**
SPG 2.5 L	24 A	50	**3030160000**
SPG 2.5 MI	24 A	50	**3030090000**
SPG 2.5 R	24 A	50	**3030190000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

SPGTB 2.5 FT 4C/2 — 2.5 mm²

SNAP IN

Q3 2025



5.1 x 71.5 x 38
24 / 2.5
0.34...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SPGTB 2.5 FT 4C/2	50	3051520000
SPGTB 2.5 FT 4C/2 BL	50	3051530000
SPGTB 2.5 FT 4C/2 OR	50	3051540000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP PGTB 2.5 4C		20	3051580000
SEP PGTB 2.5 4C BL		20	3051590000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SPG 2.5/1	24 A	50	3030250000
SPG 2.5/10	24 A	10	3030100000
SPG 2.5 L	24 A	50	3030160000
SPG 2.5 MI	24 A	50	3030090000
SPG 2.5 R	24 A	50	3030190000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

SPGTB 2.5 PE 4C/2 — 2.5 mm²

SNAP IN

Q3 2025

5.1 x 92 x 38
/ 2.5
0.34...2.5

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
	8 kV / 3		
	A2 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

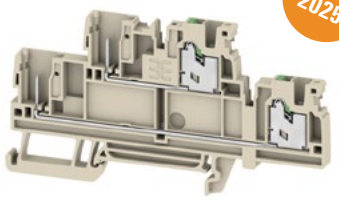
Type	Qty.	Order No.
SPGTB 2.5 PE 4C/2	50	3051570000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP PGTB 2.5 4C		20	3051580000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SPG 2.5/1	24 A	50	3030250000
SPG 2.5/10	24 A	10	3030100000
SPG 2.5 L	24 A	50	3030160000
SPG 2.5 MI	24 A	50	3030090000
SPG 2.5 R	24 A	50	3030190000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

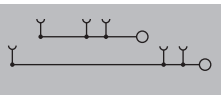
SPGTB 2.5 2T 4C/2 — 2.5 mm²

SNAP IN

Q3 2025



5.1 x 96 x 51.7
22 / 2.5
0.34...2.5



IEC 60947-7-1

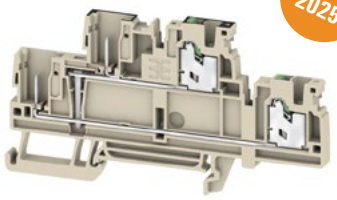
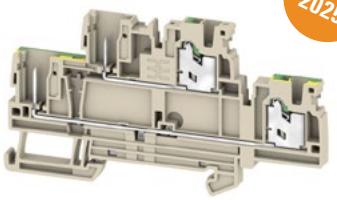
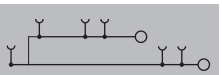
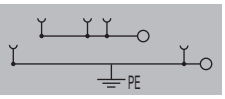
IEC	UL	CSA	EN 60079-7
800			
22			
2.5			
	8 kV / 3		
	A2 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SPGTB 2.5 2T 4C/2	50	3051860000
SPGTB 2.5 2T 4C/2 BL	50	3051870000
SPGTB 2.5 2T 4C/2 OR	50	3051880000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5		20	2913480000
SEP 2T 2.5 BL		20	2913490000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SPG 2.5/1	24 A	50	3030250000
SPG 2.5/10	24 A	10	3030100000
SPG 2.5 L	24 A	50	3030160000
SPG 2.5 MI	24 A	50	3030090000
SPG 2.5 R	24 A	50	3030190000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

	SPGTB 2.5 2T VL 4C/2	2.5 mm²	SPGTB 2.5 2T FT-PE 4C/2	2.5 mm²
	SNAP IN	Q3 2025	SNAP IN	Q3 2025
				
Width/Height/Depth mm	5.1 x 96 x 51.7		5.1 x 96 x 51.7	
max. current / max. cond. cross-section A/mm²	22 / 2.5		24 / 2.5	
Max. clamping range mm²	0.34...2.5		0.34...2.5	

Technical data

	SPGTB 2.5 2T VL 4C/2	SPGTB 2.5 2T FT-PE 4C/2
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-2, IEC 60947-7-1
Rated current A	IEC: 800 / UL: 22 / CSA: 2.5	IEC: 800 / UL: 24 / CSA: 2.5
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity	EN 60079-7: 8 kV / 3	EN 60079-7: 8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	EN 60079-7: A2 / V-0	EN 60079-7: A2 / V-0
Number of operating cycles		
Approvals	CE	CE
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	SPGTB 2.5 2T VL 4C/2	SPGTB 2.5 2T FT-PE 4C/2
	Type / Qty. / Order No.	Type / Qty. / Order No.
dark beige	SPGTB 2.5 2T VL 4C/2 / 50 / 3051890000	SPGTB 2.5 2T FT-PE 4C/2 / 50 / 3051910000
Blue	SPGTB 2.5 2T VL 4C/2 BL / 50 / 3051900000	
Green/yellow		
Orange		
Note		

Accessories

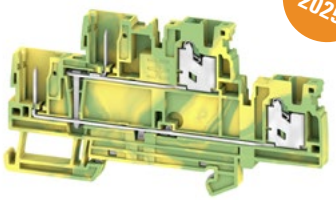
	SPGTB 2.5 2T VL 4C/2	SPGTB 2.5 2T FT-PE 4C/2
	Type / Qty. / Order No.	Type / Qty. / Order No.
Plug-in cross-connection		
2-pole	ZQV 2.5N/2 / 24 A / 60 / 1527540000	ZQV 2.5N/2 / 24 A / 60 / 1527540000
10-pole	ZQV 2.5N/10 / 24 A / 20 / 1527690000	ZQV 2.5N/10 / 24 A / 20 / 1527690000
End plate		
dark beige	SEP 2T 2.5 / 20 / 2913480000	SEP 2T 2.5 / 20 / 2913480000
blue	SEP 2T 2.5 BL / 20 / 2913490000	SEP 2T 2.5 BL / 20 / 2913490000
End bracket		
dark beige, screwable	AEB 35 SC/1 / 50 / 1991920000	AEB 35 SC/1 / 50 / 1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0 / 20 / 2661280000	AEB 35 SCL/1 V0 / 20 / 2661280000
Plug		
	SPG 2.5/1 / 24 A / 50 / 3030250000	SPG 2.5/1 / 24 A / 50 / 3030250000
	SPG 2.5/10 / 24 A / 10 / 3030100000	SPG 2.5/10 / 24 A / 10 / 3030100000
	SPG 2.5 L / 24 A / 50 / 3030160000	SPG 2.5 L / 24 A / 50 / 3030160000
	SPG 2.5 MI / 24 A / 50 / 3030090000	SPG 2.5 MI / 24 A / 50 / 3030090000
	SPG 2.5 R / 24 A / 50 / 3030190000	SPG 2.5 R / 24 A / 50 / 3030190000
Screwdriver		
Standard	SDIL 0,6X3,5X100 / 1 / 2749140000	SDIL 0,6X3,5X100 / 1 / 2749140000
Marking tags		
	DEK 5/5 PLUS MC NE WS / 1000 / 1854490000	DEK 5/5 PLUS MC NE WS / 1000 / 1854490000
	DEK 5/5 MM WS / 800 / 2007110000	DEK 5/5 MM WS / 800 / 2007110000
	WS 8/5 MM WS / 800 / 2007150000	WS 8/5 MM WS / 800 / 2007150000
	WS 10/5 M PLUS MC NE WS / 600 / 2003770000	WS 10/5 M PLUS MC NE WS / 600 / 2003770000
	SNAPMARK I / 50 / 1805880000	SNAPMARK I / 50 / 1805880000

For detailed information on other accessories and application in the online catalogue

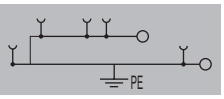
SPGTB 2.5 2T PE 4C/2 — 2.5 mm²

SNAP IN

Q3 2025



5.1 x 96 x 51.7
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
		/ 3	
		A2 / V-0	

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

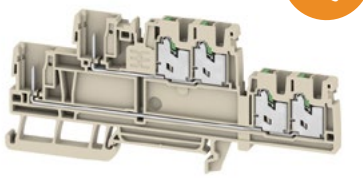
Type	Qty.	Order No.
SPGTB 2.5 2T PE 4C/2	50	3051920000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5		20	2913480000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SPG 2.5/1	24 A	50	3030250000
SPG 2.5/10	24 A	10	3030100000
SPG 2.5 L	24 A	50	3030160000
SPG 2.5 MI	24 A	50	3030090000
SPG 2.5 R	24 A	50	3030190000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

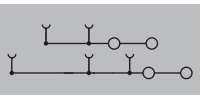
SPGTB 2.5 2T 6C/2 — 2.5 mm²

SNAP IN

Q3 2025



5.1 x 115 x 52
24 / 2.5
0.34...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 3	
		A2 / V-0	

CE

Rated connection
0.34...2.5 / 0.34...2.5
0.34...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

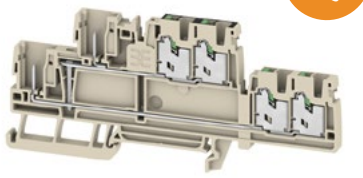
Type	Qty.	Order No.
SPGTB 2.5 2T 6C/2	50	3096130000
SPGTB 2.5 2T 6C/2 BL	50	3096150000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP PGTB 2T 2.5 6C		20	3096200000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SPG 2.5/1	24 A	50	3030250000
SPG 2.5/10	24 A	10	3030100000
SPG 2.5 L	24 A	50	3030160000
SPG 2.5 MI	24 A	50	3030090000
SPG 2.5 R	24 A	50	3030190000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

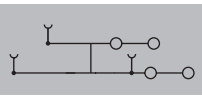
SPGTB 2.5 2T 6C/2 VL — 2.5 mm²

SNAP IN

Q3 2025



5.1 x 115 x 52
24 / 2.5
0.34...2.5



IEC 60947-7-1

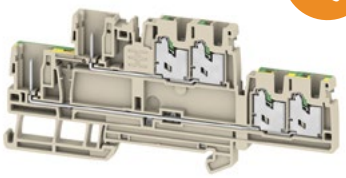
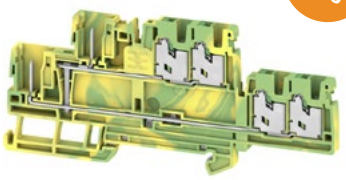
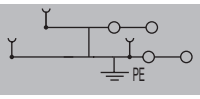
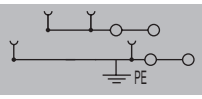
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 3	
		A2 / V-0	

CE

Rated connection
0.34...2.5 / 0.34...2.5
0.34...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SPGTB 2.5 2T VL 6C/2	50	3096160000
SPGTB 2.5 2T VL 6C/2 BL	50	3096170000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP PGTB 2T 2.5 6C		20	3096200000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SPG 2.5/1	24 A	50	3030250000
SPG 2.5/10	24 A	10	3030100000
SPG 2.5 L	24 A	50	3030160000
SPG 2.5 MI	24 A	50	3030090000
SPG 2.5 R	24 A	50	3030190000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

	SPGTB 2.5 2T 6C/2 FT-PE	2.5 mm²	SPGTB 2.5 2T 6C/2 PE	2.5 mm²
	SNAP IN	Q3 2025	SNAP IN	Q3 2025
				
Width/Height/Depth mm	5.1 x 115 x 52		5.1 x 115 x 52	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.34...2.5**		**0.34...2.5**	

Technical data

	SPGTB 2.5 2T 6C/2 FT-PE	SPGTB 2.5 2T 6C/2 PE
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-2	IEC 60947-7-2
Rated current A	IEC: 800 / UL: 24 / CSA: 2.5	IEC: 800 / UL: 24 / CSA: 2.5
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0	A2 / V-0
Number of operating cycles		
Approvals	CE	CE
Clamped conductors		
Solid / Stranded mm²	0.34...2.5 / 0.34...2.5	0.34...2.5 / 0.34...2.5
Flexible / Flexible with ferrule mm²	0.34...2.5 / 0.34...2.5	0.34...2.5 / 0.34...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	SPGTB 2.5 2T FT-PE 6C/2	50	3096180000			
Blue						
Green/yellow				SPGTB 2.5 2T PE 6C/2	50	3096190000
Orange						
Note						

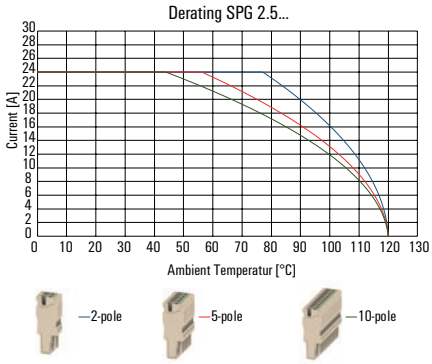
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	SEP PGTB 2T 2.5 6C		20	3096200000	SEP PGTB 2T 2.5 6C		20	3096200000
blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	SPG 2.5/1	24 A	50	3030250000	SPG 2.5/1	24 A	50	3030250000
	SPG 2.5/10	24 A	10	3030100000	SPG 2.5/10	24 A	10	3030100000
	SPG 2.5 L	24 A	50	3030160000	SPG 2.5 L	24 A	50	3030160000
	SPG 2.5 MI	24 A	50	3030090000	SPG 2.5 MI	24 A	50	3030090000
	SPG 2.5 R	24 A	50	3030190000	SPG 2.5 R	24 A	50	3030190000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000	SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

SPG 2.5...	2.5 mm²

SNAP IN



Width/Height/Depth	mm	5.1 x 16.5 x 42.5
max. current / max. cond. cross-section	A/mm²	**24 / 2.5**
Max. clamping range	mm²	**0.34...2.5**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800		
Max. voltage of clamp support & pluggable system	-			
Rated current	A	24		
for wire cross-section	mm²	2.5		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5	
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.34...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
1-pole	SPG 2.5/1	50	**3030250000**
2-pole	SPG 2.5/2	40	**3030170000**
3-pole	SPG 2.5/3	25	**3030200000**
4-pole	SPG 2.5/4	20	**3030150000**
5-pole	SPG 2.5/5	20	**3030130000**
6-pole	SPG 2.5/6	20	**3030140000**
7-pole	SPG 2.5/7	20	**3030110000**
8-pole	SPG 2.5/8	10	**3030120000**
9-pole	SPG 2.5/9	10	**3030180000**
10-pole	SPG 2.5/10	10	**3030100000**
4-poles/3x beige, 1x green	SPG 2.5/4-3BG-GN	20	**3030230000**
3-poles/1xbeige, 1x blue, 1x green	SPG 2.5/3-BG-BL-GN	30	**3030270000**
5-poles/3xbeige, 1x blue, 1x green	SPG 2.5/5-3BG-BL-GN	20	**3030280000**

Note

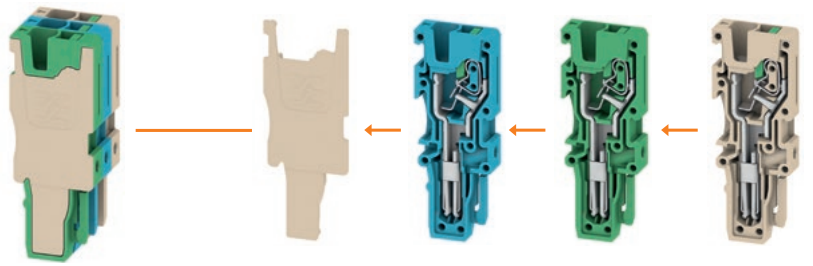
Accessories

	Type	Qty.	Order No.
End plate			
dark beige	MCV APG 2.5	50	**2035590000**
Coding			
	APGCE	50	**1514490000**
Cover			
	APGPC 2.5	50	**1514500000**
Interlock			
	APGLE 2.5/4	25	**2457570000**
Strain relief			
	APGSR 2.5/4	25	**2457580000**
	APGSR 2.5/4 - 4P	25	**2457590000**
	APGSR 2.5/4 - 8P	25	**2457600000**
Marking tags			
	DEK 5/5 PLUS MC NE WS	1000	**1854490000**
	WS 8/5 MM WS	800	**2007150000**
	WS 10/5 M MC NE WS	720	**1792000000**

For detailed information on other accessories and application in the online catalogue

Single plates for individual assembly

The individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).



complete pole number n=3 | 1x Cover MCV SPG | 1x End plate SPG .. R | 1x Middle plate SPG .. MI | 1x Start plate SPG .. L

Plug

SPG 2.5

Ordering data	Type	Qty.	Order No.
Single plates			
Start plate	SPG 2.5 L	50	**3030160000**
	SPG 2.5 L BL	50	**3030290000**
	SPG 2.5 L GN	50	**3030240000**
Middle plate	SPG 2.5 MI	50	**3030090000**
	SPG 2.5 MI BL	50	**3030260000**
	SPG 2.5 MI GN	50	**3030220000**
End plate	SPG 2.5 R	50	**3030190000**
	SPG 2.5 R BL	50	**3030300000**
(9)	SPG 2.5 R GN	50	**3030210000**
Cover	MCV SPG 2.5	50	**3032900000**
Note			

Strain relief

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

APGSR

Strain reliefs

Ordering data	Type	Qty.	Order No.
2.5 mm² / 4 mm²	APGSR 2.5/4	25	**2457580000**
2.5 mm² / 4 mm²	APGSR 2.5/4 - 4P	25	**2457590000**
2.5 mm² / 4 mm²	APGSR 2.5/4 - 8P	25	**2457600000**
Note			

Application

Protective cover

- APGPC finger guard, also protects the contact point from dirt

APGPC

Protective cover

Ordering data
2.5 mm²
Note

Type	Qty.	Order No.
APGPC 2.5	50	**1514500000**

Application

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

APGCE

Coding elements

Ordering data
2.5 mm²
Note

Type	Qty.	Order No.
APGCE	50	**1514490000**

Application

Locking elements

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

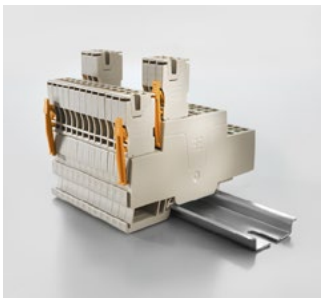
APGLE

Locking element

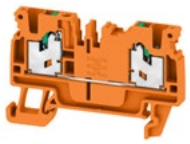
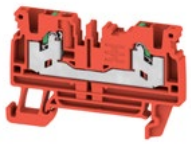
Ordering data
2.5 mm² / 4 mm²
Note

Type	Qty.	Order No.
APGLE 2.5/4	25	**2457570000**

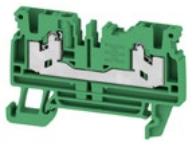
Application



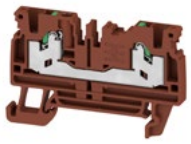
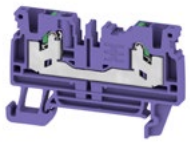
Spring connection with SNAP IN technology (S-Series)
Overview

Type		Order no. beige	Order no. blue BL	Order no. orange OR	Order no. red RD
2,5 mm²	S2C 2.5	2674530000	2753940000	2875120000	3109200000
	S3C 2.5	2674540000	2753950000	2875130000	3109280000
	S4C 2.5	2674550000	2753960000	2875140000	3109360000
4 mm²	S2C 4	2874820000	2874830000	3023540000	3109440000
	S3C 4	2874840000	2874850000	3023550000	3109520000
	S4C 4	2874860000	2874870000	3023560000	3109600000



Type		Order no. yellow YL	Order no. green GN	Order no. white WT	Order no. black BK
2,5 mm²	S2C 2.5	3109230000	3109180000	3109220000	3109160000
	S3C 2.5	3109310000	3109260000	3109300000	3109240000
	S4C 2.5	3109390000	3109340000	3109380000	3109320000
4 mm²	S2C 4	3109470000	3109420000	3109460000	3109400000
	S3C 4	3109550000	3109500000	3109540000	3109480000
	S4C 4	3109630000	3109580000	3109620000	3109560000

Typ		Best.-Nr. licht grau LTGY	Best.-Nr. braun BR	Best.-Nr. violett VT
2,5 mm²	S2C 2.5	3112230000	3109170000	3109210000
	S3C 2.5	3112240000	3109250000	3109290000
	S4C 2.5	3112250000	3109330000	3109370000
4 mm²	S2C 4	3112280000	3109410000	3109450000
	S3C 4	3112260000	3109490000	3109530000
	S4C 4	3112270000	3109570000	3109610000

Fast wiring. But safe.

Klippon® Connect enhances your efficiency with PUSH IN technology

Increase your efficiency during installations without compromising on safety. The innovative PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared to tension clamp terminals. The conductor is simply inserted into the contact point as far as the stop and that's it – you have a safe, gas-tight connection. Even stranded-wire conductors can be connected without any problem and without the need for special tools.

Safe and reliable connections are crucial, especially under harsh conditions, such as those encountered in the process industry. PUSH IN technology guarantees optimal contact security and ease of handling, even in demanding applications.

Our promise

Klippon® Connect gives your panel design maximum flexibility thanks to PUSH IN technology. The extremely compact design and simple handling at the same time help to make processes more efficient right from the planning stage.

Overview

Thanks to the extensive choice of accessories and the different cross-connection options, our PUSH IN terminal blocks are the perfect solution for every requirement.

Functional transparency:
All of the terminal blocks' functions can be clearly differentiated from one another – thus ensuring safe and efficient maintenance work.

Ready for automation:
A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

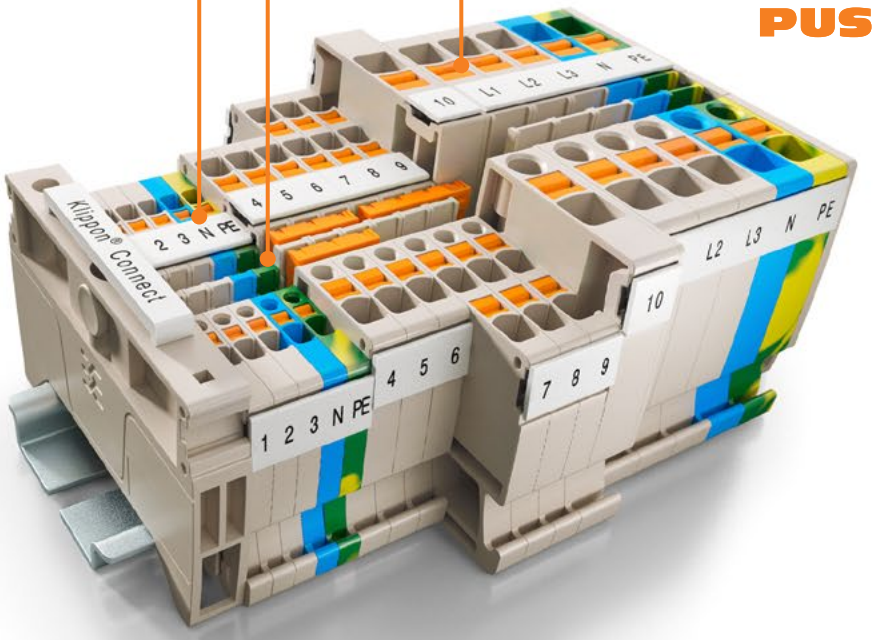
Safely prevent incorrect wiring:
The pusher for releasing the contacts ensures safe contact protection.

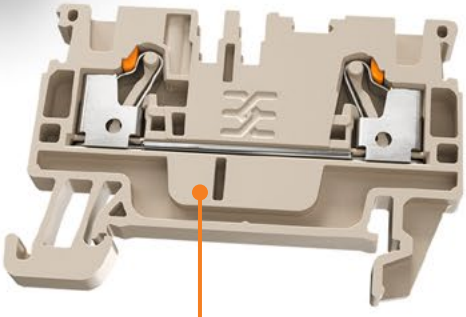
Flexibility
- Release the conductor with any tool
- Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions

Time saving
- Mounting foot makes unlatching the terminal block easy
- Clear distinction made between all functional areas
- Easier marking and wiring

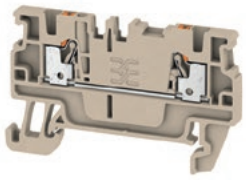
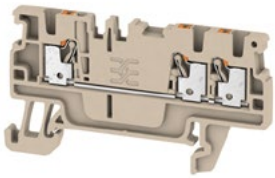
Space-saving design
- Slim design creates a large amount of space in the panel
- High wiring density despite less space being required on the terminal rail

PUSH IN





Safety
- Standardised test point
- Optical and physical separation of operation and conductor entry
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

	A2C 1.5	A3C 1.5
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 55 x 33.5	3.5 x 61.5 x 33.5
max. current / max. cond. cross-section A/mm²	17.5 / 1.5	17.5 / 1.5
Max. clamping range mm²	0.14...1.5	0.14...1.5

Technical data

	A2C 1.5	A3C 1.5
IEC 60947-7-1	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Rated data		
Rated voltage V	500	500
Rated current A	17.5	17.5
for wire cross-section mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A1 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

	A2C 1.5	A3C 1.5
IEC	500	500
UL	300	300
CSA	300	300
EN 60079-7	550	440
UL	13	13
CSA	13	13
EN 60079-7	15	15
UL	AWG 26...14	AWG 26...14
CSA	AWG 26...14	AWG 26...14
EN 60079-7	1.5 mm²	1.5 mm²

Ordering data

Version	A2C 1.5	A3C 1.5
dark beige		
Blue		
Note		

Type	Qty.	Order No.
A2C 1.5	100	1552790000
A2C 1.5 BL	100	1552820000

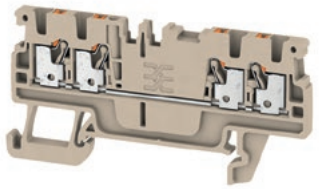
Type	Qty.	Order No.
A3C 1.5	50	1552740000
A3C 1.5 BL	50	1552770000

Accessories

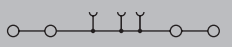
	A2C 1.5	A3C 1.5
Plug-in cross-connection		
2-pole		
10-pole		
2-pole	ZQV 1.5N/2 17.5 A 60 1985410000	ZQV 1.5N/2 17.5 A 60 1985410000
10-pole	ZQV 1.5N/10 17.5 A 20 1985580000	ZQV 1.5N/10 17.5 A 20 1985580000
2-pole		
10-pole		
End plate		
dark beige	AEP 2C 1.5 50 1552600000	AEP 3C 1.5 50 1552620000
Blue	AEP 2C 1.5 BL 50 1552610000	AEP 3C 1.5 BL 50 1552630000
End bracket		
dark beige, screwable	AEB 35 SC/1 50 1991920000	AEB 35 SC/1 50 1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0 20 2661280000	AEB 35 SCL/1 V0 20 2661280000
Test adapter		
1-pole	ATPG 1.5-10 L 0.2 A 50 1991890000	ATPG 1.5-10 L 0.2 A 50 1991890000
stackable	ATPG 1.5 MI-R 0.2 A 50 1991880000	ATPG 1.5 MI-R 0.2 A 50 1991880000
3-pole		
5-pole		
Test plug		
	PS 2.0 MC 20 0310000000	PS 2.0 MC 20 0310000000
Screwdriver		
Standard	SDS 0.4X2.0X60 1 2749260000	SDS 0.4X2.0X60 1 2749260000
Marking tags		
	WS 8/3.5 MM WS 1000 2007140000	WS 8/3.5 MM WS 1000 2007140000
	DEK 5/3.5 MM WS 1000 2007100000	DEK 5/3.5 MM WS 1000 2007100000
	DEK 5/3.5 PLUS MC NE WS 1600 2003750000	DEK 5/3.5 PLUS MC NE WS 1600 2003750000

For detailed information on other accessories and application in the online catalogue

A4C 1.5 — 1.5 mm²



3.5 x 67.5 x 33.5
17.5 / 1.5
0.14...1.5



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

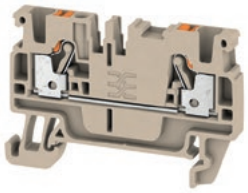
IEC	UL	CSA	EN 60079-7
500	300	300	440
17.5	13	13	15
1.5	AWG 26...14	AWG 26...14	1.5 mm²
6 kV / 3			
A1 / V-0			
TUEV16ATEX7909U			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

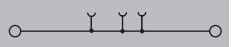
Type	Qty.	Order No.
A4C 1.5	100	1552690000
A4C 1.5 BL	100	1552700000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 4C 1.5		50	1552640000
AEP 4C 1.5 BL		50	1552650000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

A2C 2.5 — 2.5 mm²



5.1 x 55 x 36.5
24 / 4
0.14...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

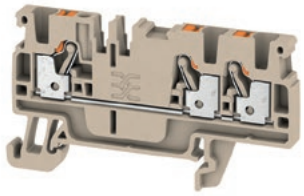
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

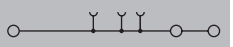
Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEP 2C 2.5 BL		50	1514420000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A3C 2.5 — 2.5 mm²



5.1 x 66.5 x 36.5
24 / 4
0.14...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

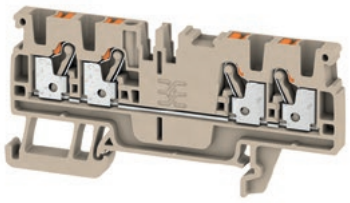
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			

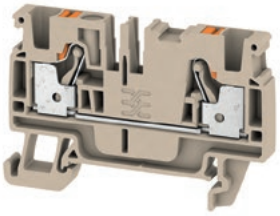
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 2.5	100	1521740000
A3C 2.5 BL	100	1521780000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 3C 2.5		50	1521510000
AEP 3C 2.5 BL		50	1521520000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	A4C 2.5	A2C 4
	2.5 mm²	4 mm²
Width/Height/Depth mm	5.1 x 77.5 x 36.5	6.1 x 60 x 39.5
max. current / max. cond. cross-section A/mm²	24 / 4	32 / 6
Max. clamping range mm²	0.14...4	0.14...6





Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	550
Rated current	A	24	20	20	21
for wire cross-section	mm²	2.5	AWG 28...12	AWG 28...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0			
Approvals		TUEV16ATEX7909U			
Clamped conductors					
Solid / Stranded	mm²	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	550
Rated current	A	32	30	30	28
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0			
Approvals		TUEV16ATEX7909U			
Clamped conductors					
Solid / Stranded	mm²	0.5...4 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4			
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige	A4C 2.5	100	1521690000
Blue	A4C 2.5 BL	100	1521700000
Note			

Type	Qty.	Order No.
A2C 4	100	2051180000
A2C 4 BL	100	2051210000

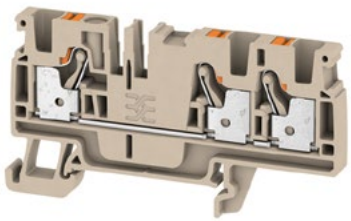
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	AEP 4C 2.5		50	1521530000
Blue	AEP 4C 2.5 BL		50	1521640000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

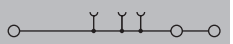
Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2C 4		50	2051680000
AEP 2C 4 BL		50	2051690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000

For detailed information on other accessories and application in the online catalogue

A3C 4 — 4 mm²



6.1 x 74 x 39.5
32 / 6
0.14...6



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

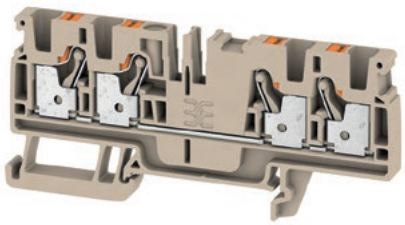
IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 4	50	**2051240000**
A3C 4 BL	50	**2051280000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 3C 4		20	**2051720000**
AEP 3C 4 BL		20	**2051880000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

A4C 4 — 4 mm²



6.1 x 87.5 x 39.5
32 / 6
0.14...6

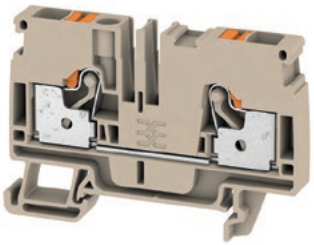
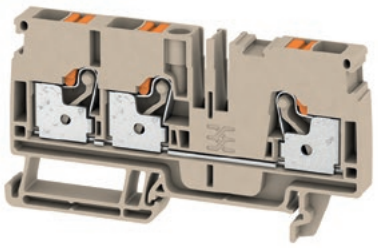
IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	30
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 4	50	**2051500000**
A4C 4 BL	50	**2051520000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 4C 4		20	**2051900000**
AEP 4C 4 BL		20	**2051910000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

		A2C 6	6 mm²	A3C 6	6 mm²
					
Width/Height/Depth	mm	8.1 x 66.5 x 45.5		8.1 x 84.5 x 45.5	
max. current / max. cond. cross-section	A/mm²	41 / 10		41 / 10	
Max. clamping range	mm²	0.34...10		0.34...10	

Technical data

Rated data		A2C 6	A3C 6
		IEC 60947-7-1	IEC 60947-7-1
		Ex eb II C Gb	Ex eb II C Gb
		II 2 G D	II 2 G D
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage	V	800 / 600 / 600 / 550	800 / 600 / 600 / 550
Rated current	A	41 / 38 / 38 / 37	41 / 38 / 38 / 36
for wire cross-section	mm²	6 / AWG 22...8 / AWG 22...8 / 6 mm²	6 / AWG 22...8 / AWG 22...8 / 6 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0	A5 / V-0
Approvals		TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors			
Solid / Stranded	mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note			

Ordering data

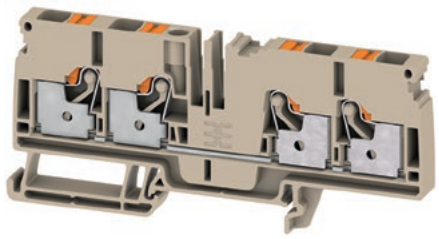
Version	A2C 6 Type	Qty.	Order No.	A3C 6 Type	Qty.	Order No.
dark beige	A2C 6	50	1992110000	A3C 6	50	1991820000
Blue	A2C 6 BL	50	1991790000	A3C 6 BL	50	1991830000
Note						

Accessories

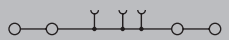
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 6N/2	41 A	60	1985740000	ZQV 6N/2	41 A	60	1985740000
3-pole	ZQV 6N/3	41 A	60	1985760000	ZQV 6N/3	41 A	60	1985760000
4-pole	ZQV 6N/4	41 A	60	1985780000	ZQV 6N/4	41 A	60	1985780000
End plate								
dark beige	AEP 2C 6		50	1991970000	AEP 3C 6		50	1991940000
Blue	AEP 2C 6 BL		50	1991950000	AEP 3C 6 BL		20	1991910000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 6 MI-R	0.2 A	50	1991930000	ATPG 6 MI-R	0.2 A	50	1991930000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 1,0X5,5X125		1	2749160000	SDIL 1,0X5,5X125		1	2749160000
Marking tags								
	DEK-A 5/8 MM WS		500	2448860000	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

A4C 6 — 6 mm²



8.1 x 102 x 45.5
41 / 10
0.34...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
41	38		37
6	AWG 22...8		6 mm²
	8 kV / 3		
	A5 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
12 / 1.0 x 5.5 mm

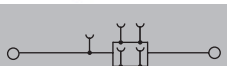
Type	Qty.	Order No.
A4C 6	50	**2881450000**
A4C 6 BL	50	**2881460000**

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
ZQV 6N/3	41 A	60	**1985760000**
ZQV 6N/4	41 A	60	**1985780000**
AEP 4C 6		50	**2876180000**
AEP 4C 6 BL		50	**2876190000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

ALO 6 — 6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

9 x 77 x 45.5
41 / 6
0.34...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 60947-7-1		Ex eb II C Gb	Ex II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	550
41	38	38	33
6	AWG 22...8	AWG 22...8	6 mm²
	8 kV / 3		
	A5 / V-0		
			TUEV16ATEX7909U
Rated connection			
0.5...6 / 0.5...10			
0.5...10 / 0.5...6			
12 / 1.0 x 5.5 mm			

Note

Ordering data

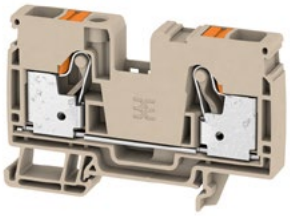
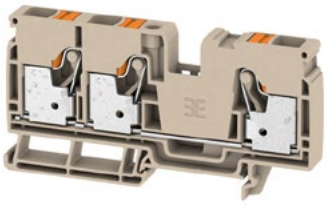
Version	Type	Qty.	Order No.
dark beige	ALO 6	20	**1991780000**
Blue	ALO 6 BL	20	**2065120000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

	A2C 10	A3C 10
	10 mm²	10 mm²
		
Width/Height/Depth mm	10 x 80.5 x 51.5	10 x 102 x 51.5
max. current / max. cond. cross-section A/mm²	57 / 16	57 / 16
Max. clamping range mm²	0.5...16	0.5...16

Technical data

	A2C 10	A3C 10
Rated data		
Rated voltage V	1000	1000
Rated current A	57	57
for wire cross-section mm²	10	10
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A6 / V-0
Approvals	DIN EN 60947-7-1	DIN EN 60947-7-1
	Ex eb II C Gb	Ex eb II C Gb
	II 2 G D	II 2 G D
	IEC 600 CSA 600 EN 60079-7	IEC 600 CSA 600 EN 60079-7
	UL AWG 20...6	UL AWG 20...6
	CSA AWG 20...6	CSA AWG 20...6
Clamped conductors		
Solid / Stranded mm²	0.5...10 / 0.5...16	0.5...10 / 0.5...16
Flexible / Flexible with ferrule mm²	0.5...16 / 0.5...10	0.5...16 / 0.5...10
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note		

Ordering data

Version	A2C 10	A3C 10
dark beige	Type: A2C 10 · Qty.: 25 · Order No.: 2490360000	Type: A3C 10 · Qty.: 25 · Order No.: 2490520000
Blue	Type: A2C 10 BL · Qty.: 25 · Order No.: 2490370000	Type: A3C 10 BL · Qty.: 25 · Order No.: 2490510000
Note		

Accessories

	A2C 10	A3C 10
Plug-in cross-connection		
2-pole	Type: ZQV 10N/2 · 57 A · Qty.: 25 · Order No.: 2497250000	Type: ZQV 10N/2 · 57 A · Qty.: 25 · Order No.: 2497250000
End plate		
dark beige	Type: AEP 2C 10/16 · Qty.: 20 · Order No.: 2490380000	Type: AEP 3C 10/16 · Qty.: 20 · Order No.: 2490530000
blue	Type: AEP 2C 10/16 BL · Qty.: 20 · Order No.: 2490390000	Type: AEP 3C 10/16 BL · Qty.: 20 · Order No.: 2490540000
End bracket		
dark beige, screwable	Type: AEB 35 SC/1 · Qty.: 50 · Order No.: 1991920000	Type: AEB 35 SC/1 · Qty.: 50 · Order No.: 1991920000
dark beige, direct mounting	Type: AEB 35 SCL/1 V0 · Qty.: 20 · Order No.: 2661280000	Type: AEB 35 SCL/1 V0 · Qty.: 20 · Order No.: 2661280000
Test adapter		
1-pole	Type: ATPG 10 MI-R · 0.2 A · Qty.: 50 · Order No.: 1991870000	Type: ATPG 10 MI-R · 0.2 A · Qty.: 50 · Order No.: 1991870000
Test plug		
	Type: PS 2.0 MC · Qty.: 20 · Order No.: 0310000000	Type: PS 2.0 MC · Qty.: 20 · Order No.: 0310000000
Screwdriver		
Standard	Type: SDIL 1,0X5,5X125 · Qty.: 1 · Order No.: 2749160000	Type: SDIL 1,0X5,5X125 · Qty.: 1 · Order No.: 2749160000
Marking tags		
	Type: DEK 5/5 PLUS MC NE WS · Qty.: 1000 · Order No.: 1854490000	Type: DEK 5/5 PLUS MC NE WS · Qty.: 1000 · Order No.: 1854490000
	Type: DEK 5/8 PLUS MC NE WS · Qty.: 800 · Order No.: 1046350000	Type: DEK 5/8 PLUS MC NE WS · Qty.: 800 · Order No.: 1046350000
	Type: WS 10/8 PLUS MC NE WS · Qty.: 420 · Order No.: 1905950000	Type: WS 10/8 PLUS MC NE WS · Qty.: 420 · Order No.: 1905950000

For detailed information on other accessories and application in the online catalogue

	A2C 16	A3C 16
	16 mm²	16 mm²
Width/Height/Depth mm	12 x 80.5 x 51.5	12 x 102 x 51.5
max. current / max. cond. cross-section A/mm²	**76 / 25**	**76 / 25**
Max. clamping range mm²	**0.5...25**	**0.5...25**

Technical data

	A2C 16	A3C 16
Rated data	IEC 60947-7-1	IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm²
	8 kV / 3		
	A6 / V-0		
	TUEV16ATEX7909U		

	A2C 16	A3C 16
Rated connection		
0.5...16 / 10...25		
0.5...25 / 0.5...16		
18 / 1.0 x 5.5 mm		
Note		

Ordering data

Version	A2C 16	A3C 16
dark beige	2494000000	2494090000
Blue	2494100000	2494080000

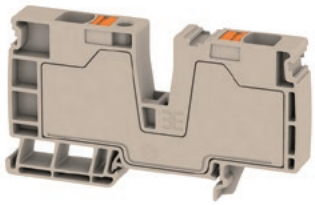
Type	Qty.	A2C 16	A3C 16
A2C 16 / A3C 16	20	2494000000	2494090000
A2C 16 BL / A3C 16 BL	20	2494100000	2494080000

Accessories

	Type		Qty.	A2C 16	A3C 16
Plug-in cross-connection					
2-pole	ZQV 16N/2	76 A	25	2497290000	2497290000
End plate					
dark beige	AEP 2C 10/16		20	2490380000	AEP 3C 10/16 20 2490530000
blue	AEP 2C 10/16 BL		20	2490390000	AEP 3C 10/16 BL 20 2490540000
End bracket					
dark beige, screwable	AEB 35 SC/1		50	1991920000	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	2661280000
Test adapter					
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	1991890000
Test plug					
	PS 2.0 MC		20	0310000000	0310000000
Screwdriver					
Standard	SDIL 1,0X5,5X125		1	2749160000	2749160000
Marking tags					
	DEK 5/5 PLUS MC NE WS		1000	1854490000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000	1905950000

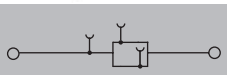
For detailed information on other accessories and application in the online catalogue

ALO 16 — 16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12 x 95.5 x 51.5
76 / 16
0.5...16



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	800	600	600	550
Rated current	76	62	62	69
for wire cross-section	16	AWG 18...6	AWG 18...6	16 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Approvals				TUEV16ATEX7909U

Clamped conductors	Rated connection
Solid / Stranded	0.5...10 / 0.5...25
Flexible / Flexible with ferrule	0.5...25 / 1.5...16
Stripping length / Blade size	18 / 1.0 x 5.5 mm

Note

Ordering data

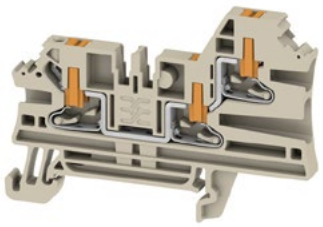
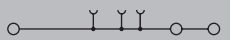
Version	Type	Qty.	Order No.
dark beige	ALO 16	20	**2502280000**
Blue	ALO 16 BL	20	**2502320000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
2-pole	ZQV 6N/2	41 A	60	**1985740000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

	AL2C 2.5	2.5 mm²	AL3C 2.5	2.5 mm²
				
Width/Height/Depth mm	5.1 x 57 x 36.5		5.1 x 68 x 48	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	550
Rated current A	24	20	20	21.5
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	4 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				TUEV22ATEX8826U
Clamped conductors				
Solid / Stranded mm²	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	550
Rated current A	24	20	20	21.5
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	4 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				TUEV22ATEX8826U
Clamped conductors				
Solid / Stranded mm²	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	AL2C 2.5	100	**2847200000**
Blue	AL2C 2.5 BL	100	**2847210000**
Note			

Version	Type	Qty.	Order No.
dark beige	AL3C 2.5	50	**2847330000**
Blue	AL3C 2.5 BL	50	**2847340000**
Note			

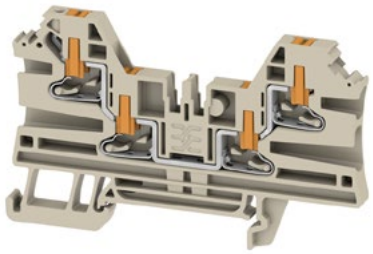
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
End plate				
dark beige	ALEP 2C 2.5		20	**2871750000**
Blue	ALEP 2C 2.5 BL		20	**2871760000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
End plate				
dark beige	ALEP 3C 2.5		20	**2871770000**
Blue	ALEP 3C 2.5 BL		20	**2871780000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

AL4C 2.5 — 2.5 mm²



5.1 x 79.5 x 48
24 / 2.5
0.14...2.5

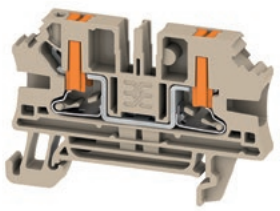
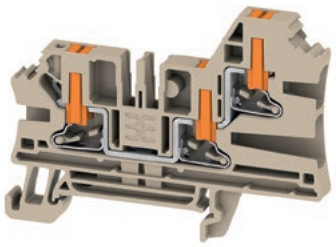
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV22ATEX8826U

Rated connection
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 2.5	50	**2847460000**
AL4C 2.5 BL	50	**2847470000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ALEP 4C 2.5		20	**2871790000**
ALEP 4C 2.5 BL		20	**2871800000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	AL2C 4	4 mm²	AL3C 4	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 39.5		6.1 x 71.5 x 52.5	
max. current / max. cond. cross-section A/mm²	32 / 6		32 / 6	
Max. clamping range mm²	0.14...6		0.14...6	

Technical data

Rated data	AL2C 4	AL3C 4
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000		600	550	1000		600	550
32		30	28	32		30	28
4	AWG 24...10	AWG 24...10	6 mm²	4	AWG 24...10	AWG 24...10	6 mm²
		8 kV / 3				8 kV / 3	
		A4 / V-0				A4 / V-0	

Clamped conductors	AL2C 4	AL3C 4
Solid / Stranded mm²	Rated connection	Rated connection
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	0.5...6 / 0.5...4	0.5...6 / 0.5...4
	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

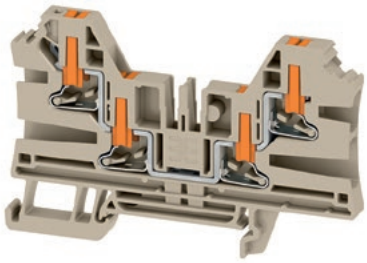
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	AL2C 4	50	2847710000	AL3C 4	50	2847720000
Blue	AL2C 4 BL	50	2871870000	AL3C 4 BL	50	2871990000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole								
10-pole								
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	ALEP 2C 4		20	2871810000	ALEP 3C 4		20	2871830000
Blue	ALEP 2C 4 BL		20	2871820000	ALEP 3C 4 BL		20	2871840000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 4 MI-R	0.2 A	50	1991860000	ATPG 4 MI-R	0.2 A	50	1991860000
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	2003780000	WS 10/6 M PLUS MC NE WS		600	2003780000
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000

For detailed information on other accessories and application in the online catalogue

AL4C 4 — 4 mm²



6.1 x 83 x 52.5
32 / 6
0.14...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000		600	550
32		30	28
4	AWG 24...10	AWG 24...10	6 mm²
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 4	50	**2847730000**
AL4C 4 BL	50	**2872110000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
ALEP 4C 4		20	**2871850000**
ALEP 4C 4 BL		20	**2871860000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

	A2C 35	A2C 35 DM
	35 mm²	35 mm²
Width/Height/Depth mm	16 x 101.5 x 71.5	16 x 135 x 71.5
max. current / max. cond. cross-section A/mm²	125 / 35	125 / 35
Max. clamping range mm²	2.5...35	2.5...35

Technical data

	A2C 35	A2C 35 DM
Rated data		
Rated voltage V/V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	1000 / 1500 | 1000 | 1000 | 880	1000 / 1500 | 1000 | 1000 | 880
for wire cross-section mm²	125 | 113 | 101 | 105	125 | 113 | 101 | 105
Rated impulse withstand voltage / Pollution severity	35 | AWG 12...2 | AWG 12...2 | 35 mm²	35 | AWG 12...2 | AWG 12...2 | 35 mm²
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	/ V-0	/ V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	2.5...16 / 10...35	2.5...16 / 10...35
Flexible / Flexible with ferrule mm²	10...35 / 2.5...35	10...35 / 2.5...35
Stripping length / Blade size mm/-	25 / 1.0 x 5.5 mm	25 / 1.0 x 5.5 mm
Note		

Ordering data

Version	A2C 35	A2C 35 DM
	Type: A2C 35 | Qty.: 10 | Order No.: 2551510000	Type: A2C 35 DM | Qty.: 10 | Order No.: 2551550000
dark beige		
Blue	Type: A2C 35 BL | Qty.: 10 | Order No.: 2552090000	Type: A2C 35 BL DM | Qty.: 10 | Order No.: 2552150000
Note		

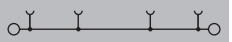
Accessories

	A2C 35	A2C 35 DM
Plug-in cross-connection	Type | Qty. | Order No.	Type | Qty. | Order No.
2-pole	ZQV 35N/2 | 125 A | 10 | 2634950000	ZQV 35N/2 | 125 A | 10 | 2634950000
2-pole	ZQV 35N-10 | 57 A | 10 | 2562670000	ZQV 35N-10 | 57 A | 10 | 2562670000
2-pole	ZQV 35N-16 | 76 A | 10 | 2562660000	ZQV 35N-16 | 76 A | 10 | 2562660000
Additional tap		
dark beige	AAC 35 2X6 | 41 A | 5 | 2583090000	AAC 35 2X6 | 41 A | 5 | 2583090000
blue	AAC 35 2X6 BL | 41 A | 5 | 2583170000	AAC 35 2X6 BL | 41 A | 5 | 2583170000
black/yellow	AAC 35 2X6 BK-YL | 41 A | 5 | 2583190000	AAC 35 2X6 BK-YL | 41 A | 5 | 2583190000
green/yellow	AAC 35 2X6 GN-YL | 41 A | 5 | 2583180000	AAC 35 2X6 GN-YL | 41 A | 5 | 2583180000
End bracket		
dark beige, screwable	AEB 35 SC/1 | 50 | 1991920000	
dark beige, direct mounting	AEB 35 SCL/1 V0 | 20 | 2661280000	
Test adapter		
1-pole	ATPG 1.5-10 L | 0.2 A | 50 | 1991890000	ATPG 1.5-10 L | 0.2 A | 50 | 1991890000
Test plug		
	PS 2.0 MC | 20 | 0310000000	PS 2.0 MC | 20 | 0310000000
Screwdriver		
Standard	SDS 1.0X5.5X150 | 1 | 2749380000	SDS 1.0X5.5X150 | 1 | 2749380000
Warning labels		
	AAM 35-185 YE FLASH | 40 | 2635600000	AAM 35-185 YE FLASH | 40 | 2635600000
Marking tags		
	WS-A 8/16 MM WS | 200 | 2619910000	WS-A 8/16 MM WS | 200 | 2619910000
Cross connections insertable		
2-pole		
3-pole		

For detailed information on other accessories and application in the online catalogue

A2C 50/70 — 50 mm²

20 x 101.5 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

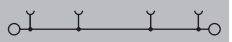
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70	5	2663250000
A2C 50/70 BL	5	2663260000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 50/70N/2	150 A	10	2663400000

A2C 50/70 DM — 50 mm²

20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

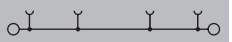
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 50/70N/2	150 A	10	2663400000

A2C 95/120 — 95 mm²

25 x 101.5 x 90
232 / 120
25...120



IEC 60947-7-1

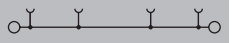
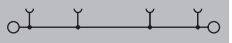
IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120	5	2694060000
A2C 95/120 BL	5	2694070000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 95/120N/2	192 A	10	2694250000
ZQV 95/120N/3	192 A	10	2694260000

	A2C 95/120 DM	95 mm²	A2C 150/185	150 mm²
Width/Height/Depth mm	25 x 133.5 x 90		31 x 118 x 98	
max. current / max. cond. cross-section A/mm²	**232 / 120**		**309 / 185**	
Max. clamping range mm²	**25…120**		**50…185**	

Technical data

	A2C 95/120 DM	A2C 150/185
Rated data		
Rated voltage V/V	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	1000 / 1500 / 600 / 600 / 1100	1000 / 1500 / 600 / 1100
Rated current A	232 / 255 / 255 / 211	309 / 310 / 272
for wire cross-section mm²	95 / AWG 4…250 / AWG 4…250 / 120 mm²	150 / AWG 2…350 / 185 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	B13 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	25…120 / 25…120	50…150 / 50…185
Flexible / Flexible with ferrule mm²	25…120 / 25…95	50…185 / 50…150
Stripping length / Blade size mm/-	40 / 1.0 x 5.5 mm	40 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 95/120-DM	5	**2694150000**
Blue	A2C 95/120 BL-DM	5	**2694160000**
Note			

Type	Qty.	Order No.
A2C 150/185	5	**2728700000**
A2C 150/185 BL	5	**2728710000**

Accessories

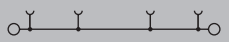
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole				
2-pole				
2-pole				
Additional tap				
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket				
dark beige, screwable				
dark beige, direct mounting				
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable				
2-pole	ZQV 95/120N/2	192 A	10	**2694250000**
3-pole	ZQV 95/120N/3	192 A	10	**2694260000**

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**
ZQV 150/185N/2	232 A	5	**2728840000**
ZQV 150/185N/3	232 A	5	**2728850000**

For detailed information on other accessories and application in the online catalogue

A2C 150/185 DM — 150 mm²

31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

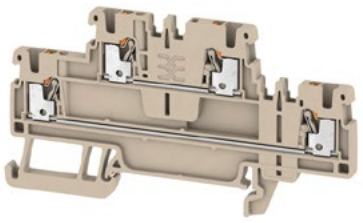
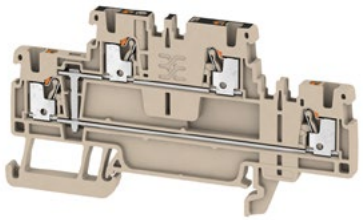
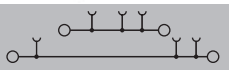
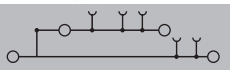
IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm²
	8 kV / 3		
	B13 / V-0		
			TUEV16ATEX7909U

Rated connection
50...150 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 150/185-DM	5	**2728770000**
A2C 150/185 BL-DM	5	**2728780000**

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**
ZQV 150/185N/2	232 A	5	**2728840000**
ZQV 150/185N/3	232 A	5	**2728850000**

	A2T 1.5	A2T 1.5 VL
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 84 x 45	3.5 x 84 x 45
max. current / max. cond. cross-section A/mm²	16 / 1.5	16 / 1.5
Max. clamping range mm²	0.14...1.5	0.14...1.5
		

Technical data

	A2T 1.5	A2T 1.5 VL
Rated data		
Rated voltage V/V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
500 / 500	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm²
6 kV / 3			
A1 / V-0			
TUEV16ATEX7909U			

Rated connection	A2T 1.5	A2T 1.5 VL
	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2T 1.5	50	2469370000	A2T 1.5 VL	50	2469400000
Blue	A2T 1.5 BL	50	2471430000	A2T 1.5 VL BL	50	2471450000

Note

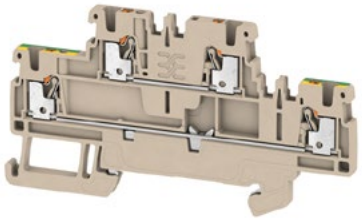
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000	ZQV 1.5N/10	17.5 A	20	1985580000
End plate								
dark beige	AEP 2T 1.5		20	2469420000	AEP 2T 1.5		20	2469420000
Blue	AEP 2T 1.5 BL		20	2471470000	AEP 2T 1.5 BL		20	2471470000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000	ATPG 1.5 MI-R	0.2 A	50	1991880000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDS 0.4X2.0X60		1	2749260000	SDS 0.4X2.0X60		1	2749260000
Marking tags								
	WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
	SNAPMARK 1.5		40	2682080000	SNAPMARK 1.5		40	2682080000

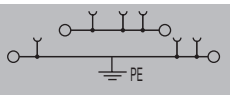
For detailed information on other accessories and application in the online catalogue

A2T 1.5 FT-PE

1.5 mm²



3.5 x 84 x 45
16 / 1.5
0.14...1.5



IEC 60947-7-1, IEC 60947-7-2

Ex eb II
C Gb

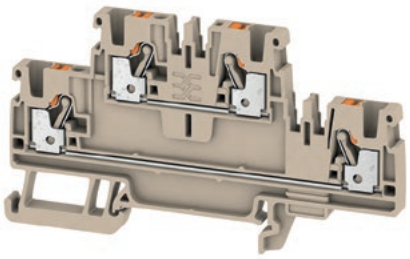
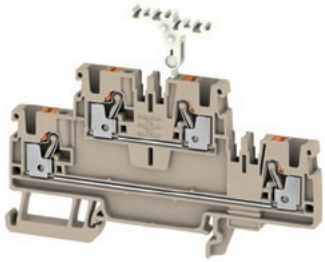
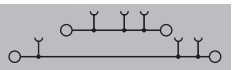
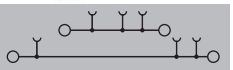
II 2 G D

IEC	UL	CSA	EN 60079-7
500 / 500	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm²
	6 kV / 3		
	A1 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A2T 1.5 FT-PE	50	**2469390000**

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	**1985410000**
ZQV 1.5N/10	17.5 A	20	**1985580000**
AEP 2T 1.5		20	**2469420000**
AEP 2T 1.5 BL		20	**2471470000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 1.5 MI-R	0.2 A	50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
SNAPMARK 1.5		40	**2682080000**

	A2T 2.5	A2T 2.5 SNAPMARK
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 90 x 50.5	5.1 x 90 x 69
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.14...4	0.14...4
		

Technical data

	A2T 2.5	A2T 2.5 SNAPMARK
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb, II 2 G D	
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	A2T 2.5			A2T 2.5 SNAPMARK		
	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2T 2.5	50	1547610000	A2T 2.5 SNAPMARK	50	2581250000
Blue	A2T 2.5 BL	50	1547620000	A2T 2.5 SNAPMARK BL	50	2581280000

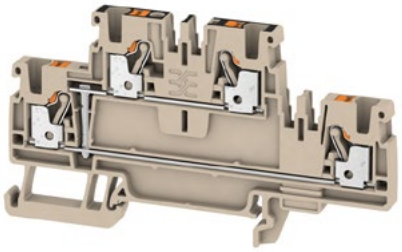
Note

Accessories

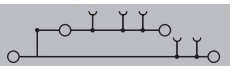
	A2T 2.5				A2T 2.5 SNAPMARK			
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
2-pole								
10-pole								
2-pole								
10-pole								
End plate								
dark beige	AEP 2T 2.5		20	1547690000	AEP 3T 2.5		20	2428560000
blue	AEP 2T 2.5 BL		20	1547700000	AEP 3T 2.5 BL		20	2428860000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A2T 2.5 VL — 2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

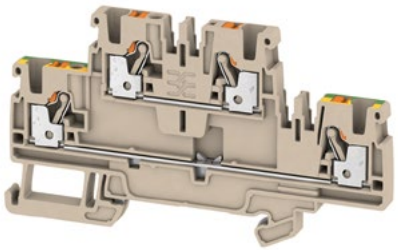
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

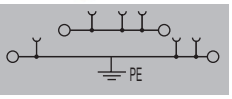
Type	Qty.	Order No.
A2T 2.5 VL	50	1547650000
A2T 2.5 VL BL	50	1547660000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2T 2.5 FT-PE — 2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1, IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

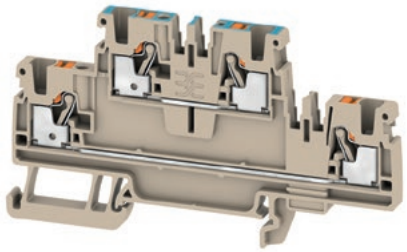
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

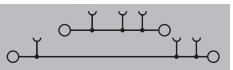
Type	Qty.	Order No.
A2T 2.5 FT-PE	50	1547640000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2T 2.5 N-FT — 2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



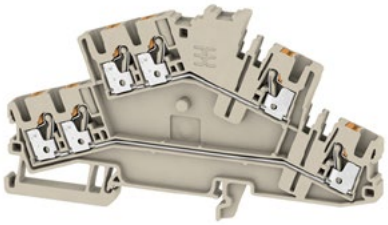
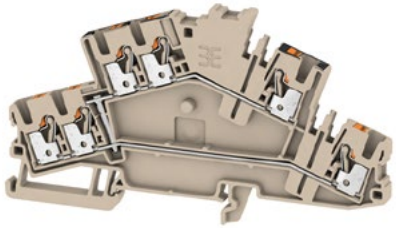
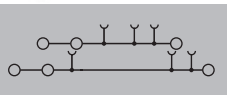
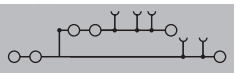
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
24			20
2.5			2.5 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 N-FT	50	2723370000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	A2T 2.5 3C	2.5 mm²	A2T 2.5 3C VL	2.5 mm²
				
Width/Height/Depth mm	5.1 x 114.5 x 64		5.1 x 114.5 x 64	
max. current / max. cond. cross-section A/mm²	22 / 4		22 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

	A2T 2.5 3C	A2T 2.5 3C VL
Rated data		
Rated voltage V	IEC 60947-7-1 800	IEC 60947-7-1 800
Rated current A	UL 300	UL 300
for wire cross-section mm²	CSA 22	CSA 22
Rated impulse withstand voltage / Pollution severity	EN 60079-7 550	EN 60079-7 550
Gauge to IEC 60947-1 / UL 94 flammability rating	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
Approvals	20	20
	2.5 AWG 28...12 2.5 mm²	2.5 AWG 28...12 2.5 mm²
	8 kV / 3	8 kV / 3
	A3 / V-0	A3 / V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

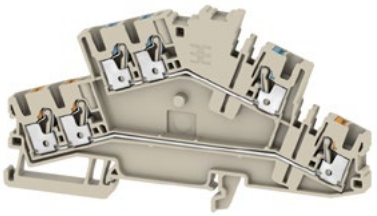
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2T 2.5 3C	50	2531290000	A2T 2.5 3C VL	50	2531310000
Blue	A2T 2.5 3C BL	50	2531510000	A2T 2.5 3C VL BL	50	2531530000
Note						

Accessories

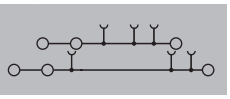
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
2-pole								
10-pole								
2-pole								
10-pole								
End plate								
dark beige	AEP 2T 2.5 3C		20	2532690000	AEP 2T 2.5		20	1547690000
Blue	AEP 2T 2.5 3C BL		20	2532700000	AEP 2T 2.5 BL		20	1547700000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A2T 2.5 3C N-FT — 2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



IEC 60947-7-1

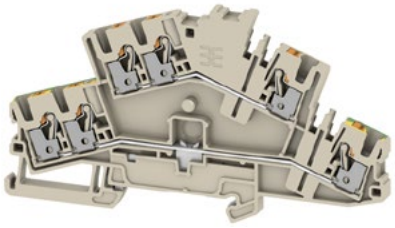
IEC	UL	CSA	EN 60079-7
800			550
22			20
2.5			2.5 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

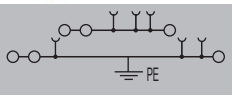
Type	Qty.	Order No.
A2T 2.5 3C N-FT	50	**2736830000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

A2T 2.5 3C FT-PE — 2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



Ex eb II C Gb II 2 G D

IEC 60947-7-1

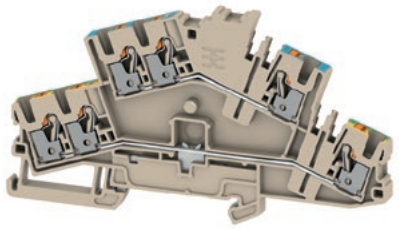
IEC	UL	CSA	EN 60079-7
800	300		550
22	20		20
2.5	AWG 28...12		2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

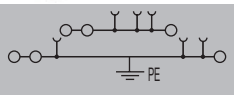
Type	Qty.	Order No.
A2T 2.5 3C FT-PE	50	**2531300000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

A2T 2.5 3C N-PE — 2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



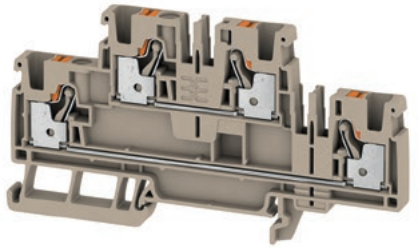
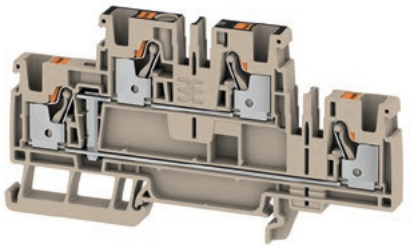
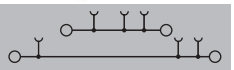
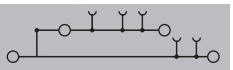
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
22			20
2.5			2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 3C N-PE	50	**2623550000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	A2T 4	A2T 4 VL
	4 mm²	4 mm²
		
Width/Height/Depth mm	6.1 x 100 x 53.5	6.1 x 100 x 53.5
max. current / max. cond. cross-section A/mm²	**32 / 6**	**32 / 6**
Max. clamping range mm²	**0.14...6**	**0.14...6**
		

Technical data

	A2T 4	A2T 4 VL
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 800 / UL: 600 / CSA: / EN 60079-7: 550	IEC: 800 / UL: 600 / CSA: / EN 60079-7: 550
for wire cross-section mm²	IEC: 32 / UL: 30 / CSA: / EN 60079-7: 25	IEC: 32 / UL: 30 / CSA: / EN 60079-7: 25
Rated impulse withstand voltage / Pollution severity	IEC: 4 / UL: AWG 26...10 / CSA: / EN 60079-7: 4 mm²	IEC: 4 / UL: AWG 26...10 / CSA: / EN 60079-7: 4 mm²
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	A4 / V-0	A4 / V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

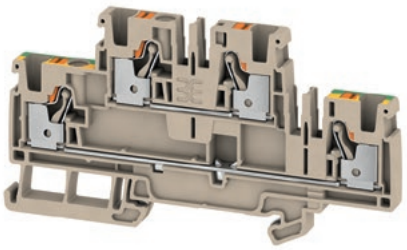
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2T 4	50	**2539970000**	A2T 4 VL	50	**2540020000**
Blue	A2T 4 BL	50	**2540040000**	A2T 4 VL BL	50	**2540030000**
Note						

Accessories

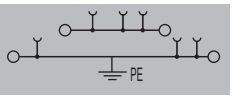
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole								
10-pole								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
2-pole								
10-pole								
End plate								
dark beige	AEP 2T 4		20	**2540000000**	AEP 2T 4		20	**2540000000**
blue	AEP 2T 4 BL		20	**2540010000**	AEP 2T 4 BL		20	**2540010000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**	ATPG 4 MI-R	0.2 A	50	**1991860000**
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**
	SNAPMARK I		50	**1805880000**	SNAPMARK I		50	**1805880000**

For detailed information on other accessories and application in the online catalogue

A2T 4 FT-PE — 4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



IEC 60947-7-1, IEC 60947-7-2

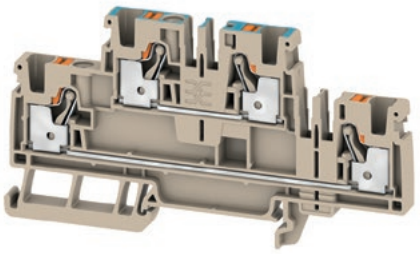
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

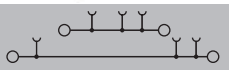
Type	Qty.	Order No.
A2T 4 FT-PE	50	**2539980000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 2T 4		20	**2540000000**
AEP 2T 4 BL		20	**2540010000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

A2T 4 N-FT — 4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



IEC 60947-7-1

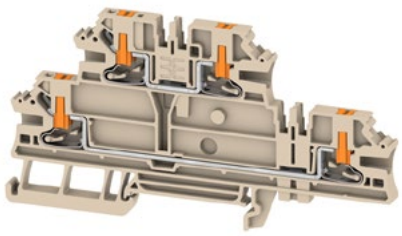
IEC	UL	CSA	EN 60079-7
800			550
32			25
4			4 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

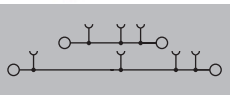
Type	Qty.	Order No.
A2T 4 N-FT	50	**2724450000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 2T 4		20	**2540000000**
AEP 2T 4 BL		20	**2540010000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

AL2T 2.5 — 2.5 mm²



5.1 x 108 x 56.5
24 / 2.5
0.14...2.5



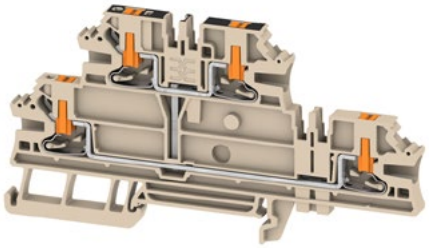
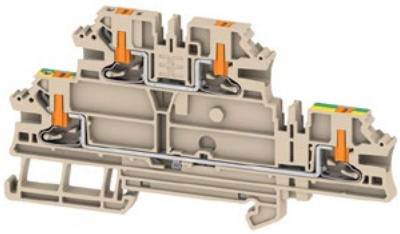
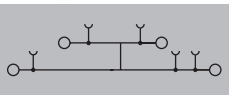
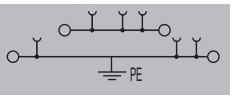
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
24	20		19
2.5	AWG 26...12		4 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV22TEX8826U

Rated connection
0.5...2.5 / 0.14...4
4...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 2.5	50	**2847620000**
AL2T 2.5 BL	50	**2938210000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ALEP 2T 2.5		20	**2848010000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	AL2T 2.5 VL	2.5 mm²	AL2T 2.5 FT-PE	2.5 mm²
				
Width/Height/Depth mm	5.1 x 108 x 56.5		5.1 x 108 x 56.5	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

	AL2T 2.5 VL	AL2T 2.5 FT-PE
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
800	600		550
24	20		20
2.5	AWG 26...12		4 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV22TEX8826U

Rated connection
0.5...2.5 / 0.14...4
4...4 / 0.5...4
10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 26...12		
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.14...4
4...4 / 0.5...4
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	AL2T 2.5 VL	50	**2847630000**
Blue			

Note

Version	Type	Qty.	Order No.
dark beige	AL2T 2.5 FT-PE	50	**2847640000**
Blue			

Note

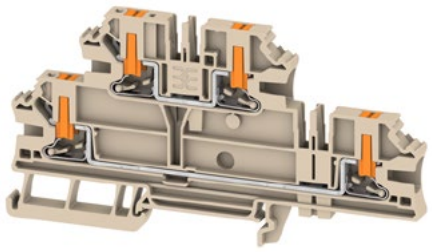
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	ALEP 2T 2.5		20	**2848010000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

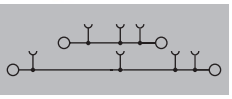
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	ALEP 2T 2.5		20	**2848010000**
blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

AL2T 4 — 4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC 60947-7-1

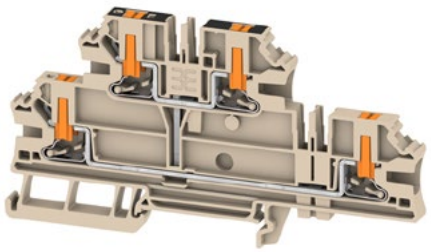
IEC	UL	CSA	EN 60079-7
1000	600		
32	30		25.5
4			6 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV22TEX8826U

Rated connection
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

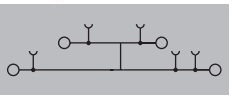
Type	Qty.	Order No.
AL2T 4	50	**2847780000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ALEP 2T 4		20	**2848080000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

AL2T 4 VL — 4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC 60947-7-1

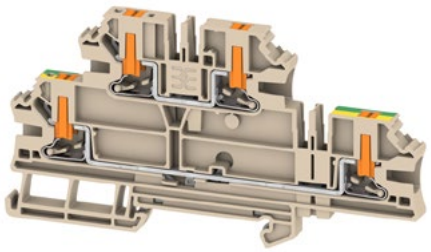
IEC	UL	CSA	EN 60079-7
1000	600		550
32	25		22.5
4			6 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV22TEX8826U

Rated connection
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

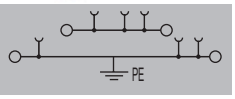
Type	Qty.	Order No.
AL2T 4 VL	50	**2847790000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ALEP 2T 4		20	**2848080000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

AL2T 4 FT-PE — 4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



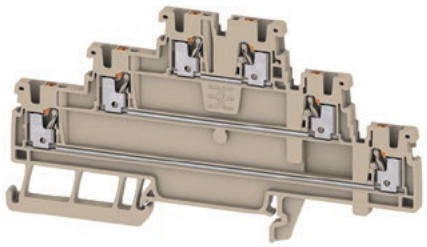
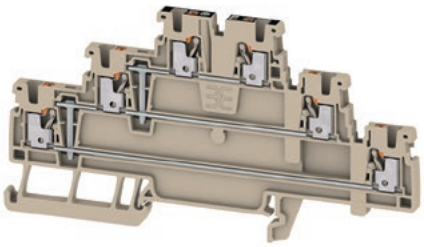
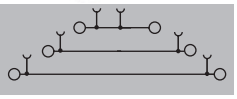
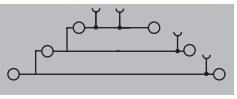
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
32	30		
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4 FT-PE	50	**2847800000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ALEP 2T 4		20	**2848080000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	A3T 1.5	A3T 1.5 VL
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 106.5 x 53	3.5 x 106.5 x 53
max. current / max. cond. cross-section A/mm²	15 / 1.5	15 / 1.5
Max. clamping range mm²	0.14...1.5 	0.14...1.5 

Technical data

Rated data	A3T 1.5	A3T 1.5 VL
Rated voltage V	IEC 60947-7-1: 500	IEC 60947-7-1: 500
Rated current A	IEC: 300	IEC: 300
for wire cross-section mm²	IEC: 300	IEC: 300
Rated impulse withstand voltage / Pollution severity	IEC: 440	IEC: 440
Gauge to IEC 60947-1 / UL 94 flammability rating	UL: 300	UL: 300
Approvals	UL: 15	UL: 15
	CSA: 15	CSA: 15
	EN 60079-7: 14	EN 60079-7: 15
	IEC: 1.5	IEC: 1.5
	CSA: AWG 26...14	CSA: AWG 26...14
	EN 60079-7: 1.5 mm²	EN 60079-7: 1.5 mm²
	6 kV / 3	6 kV / 3
	A1 / V-0	A1 / V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A3T 1.5	50	2816930000	A3T 1.5 VL	50	2817980000
Blue	A3T 1.5 BL	50	2816940000			
Note						

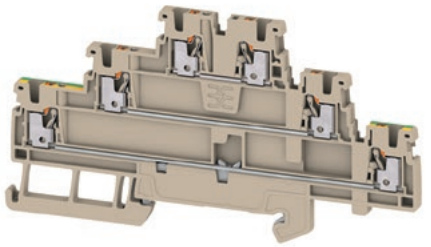
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole								
10-pole								
2-pole								
10-pole								
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000	ZQV 1.5N/10	17.5 A	20	1985580000
End plate								
dark beige	AEP 3T 1.5		20	2816950000	AEP 3T 1.5		20	2816950000
blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000	ATPG 1.5 MI-R	0.2 A	50	1991880000
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDS 0.4X2.0X60		1	2749260000	SDS 0.4X2.0X60		1	2749260000
Marking tags								
	WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
	SNAPMARK 1.5		40	2682080000	SNAPMARK 1.5		40	2682080000

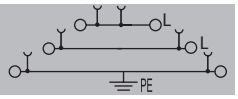
For detailed information on other accessories and application in the online catalogue

A3T 1.5 FT-FT-PE

1.5 mm²



3.5 x 106.5 x 53
15 / 1.5
0.14...1.5



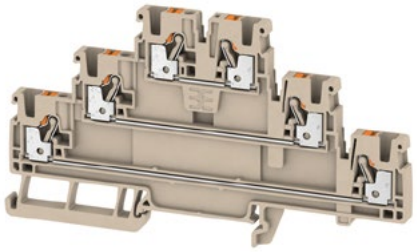
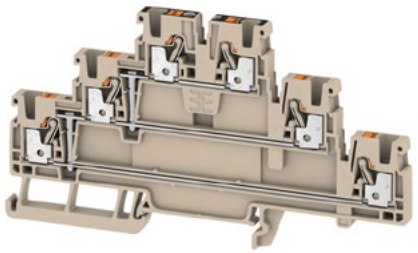
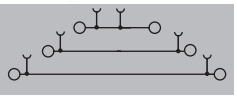
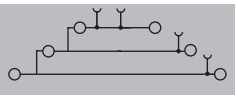
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	440
15	15	15	14
1.5		AWG 26...14	1.5 mm²
	6 kV / 3		
	A1 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A3T 1.5 FT-FT-PE	50	**2817990000**

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	**1985410000**
ZQV 1.5N/10	17.5 A	20	**1985580000**
AEP 3T 1.5		20	**2816950000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 1.5 MI-R	0.2 A	50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
SNAPMARK 1.5		40	**2682080000**

	A3T 2.5	A3T 2.5 VL
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 116 x 64.5	5.1 x 116 x 64.5
max. current / max. cond. cross-section A/mm²	22 / 4	24 / 4
Max. clamping range mm²	0.14...4	0.14...4
		

Technical data

	A3T 2.5	A3T 2.5 VL
Rated data		
Rated voltage V	DIN EN 60947-7-1	DIN EN 60947-7-1
Rated current A	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

A3T 2.5				A3T 2.5 VL			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	300	300	550	800	300	300	550
22	20	20	19	24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²	2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3				8 kV / 3		
	A3 / V-0				A3 / V-0		
			TUEV16ATEX7909U				TUEV16ATEX7909U
Rated connection				**Rated connection**			
0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			

Note

Ordering data

Version

Version	A3T 2.5 Type	Qty.	Order No.	A3T 2.5 VL Type	Qty.	Order No.
dark beige	A3T 2.5	50	2428510000	A3T 2.5 VL	25	2428540000
Blue	A3T 2.5 BL	50	2428520000	A3T 2.5 VL BL	25	2428850000

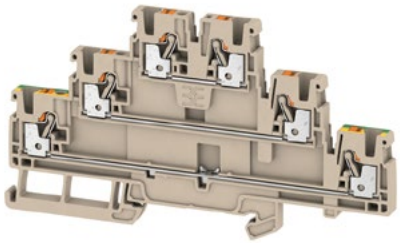
Note

Accessories

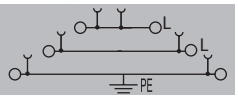
	A3T 2.5 Type		Qty.	Order No.	A3T 2.5 VL Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
2-pole								
10-pole								
2-pole								
10-pole								
End plate								
dark beige	AEP 3T 2.5		20	2428560000	AEP 3T 2.5		20	2428560000
blue	AEP 3T 2.5 BL		20	2428860000	AEP 3T 2.5 BL		20	2428860000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000	SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

A3T 2.5 FT-FT-PE — 2.5 mm²



5.1 x 116 x 64.5
24 / 4
0.14...4



DIN EN 60947-7-1, DIN EN 60947-7-2 — Ex eb II C Gb — II 2 G D

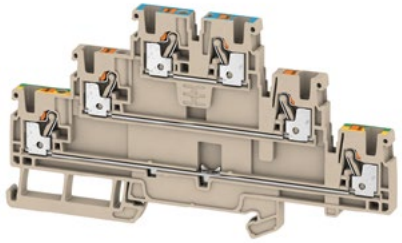
IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

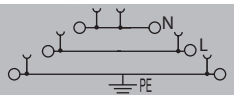
Type	Qty.	Order No.
A3T 2.5 FT-FT-PE	50	**2428530000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 3T 2.5		20	**2428560000**
AEP 3T 2.5 BL		20	**2428860000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

A3T 2.5 N-FT-PE — 2.5 mm²



5.1 x 116 x 64.5
24 / 4
0.14...4



DIN EN 60947-7-1, DIN EN 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5 N-FT-PE	50	**2428840000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 3T 2.5		20	**2428560000**
AEP 3T 2.5 BL		20	**2428860000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

	AMC 2.5	2.5 mm²	AMC 2.5 800 V	2.5 mm²
Width/Height/Depth mm	5.1 x 107.5 x 88		6.1 x 107.5 x 88	
max. current / max. cond. cross-section A/mm²	22 / 2.5		22 / 2.5	
Max. clamping range mm²	0.14...2.5		0.14...2.5	

Technical data

	AMC 2.5	AMC 2.5 800 V
Rated data		
Rated voltage V	IEC 690 / UL 150 / CSA 150 / EN 60079-7 440	IEC 800 / UL 600 / CSA 600 / EN 60079-7 440
Rated current A	22 / 20 / 20 / 19	22 / 20 / 20 / 19
for wire cross-section mm²	2.5 / AWG 28...12 / AWG 28...12 / 2.5 mm²	2.5 / AWG 28...12 / AWG 28...12 / 2.5 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

DIN EN 60947-7-1, DIN EN 60947-7-2 — Ex eb II C Gb — II 2 G D

Ordering data

Version	Type	Qty.	Order No.
dark beige	AMC 2.5	50	2434340000
Note			

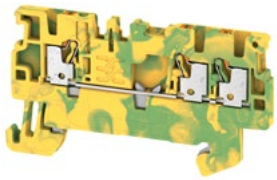
Type	Qty.	Order No.
AMC 2.5 800V	50	2434370000

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
End plate				
dark beige	AEP MC 2.5		25	2433820000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

Type		Qty.	Order No.
ZVQ 2.5/1.5	24 A	50	1720700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

	A2C 1.5 PE	1.5 mm²	A3C 1.5 PE	1.5 mm²
				
Width/Height/Depth mm	3.5 x 55 x 33.5		3.5 x 61.5 x 33.5	
max. current / max. cond. cross-section -/mm²	/ 1.5		/ 1.5	
Max. clamping range mm²	0.14...1.5		0.14...1.5	

Technical data

	A2C 1.5 PE				A3C 1.5 PE			
Rated data								
for wire cross-section mm²	IEC 60947-7-2	UL	CSA	EN 60079-7	IEC 60947-7-2	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	1.5	AWG 26...14	AWG 26...14	1.5 mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage to adjacent terminal kV	500				500			
Rated short-time current	6				6			
Pollution severity	180 A (1.5 mm²)				180 A (1.5 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating	3				3			
Approvals	A1 / V-0				A1 / V-0			
Clamped conductors								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Stripping length / Blade size mm/-	0.5...1.5 / 0.5...1				0.5...1.5 / 0.5...1			
	8 / 0.4 x 2.0 mm				8 / 0.4 x 2.0 mm			
Note								

Ordering data

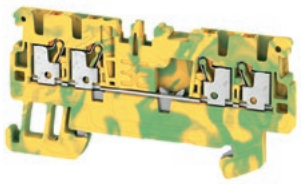
	A2C 1.5 PE			A3C 1.5 PE		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
Green/yellow	A2C 1.5 PE	50	**1552680000**	A3C 1.5 PE	50	**1552670000**
Note						

Accessories

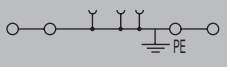
	A2C 1.5 PE				A3C 1.5 PE			
End plate	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
dark beige	AEP 2C 1.5		50	**1552600000**	AEP 3C 1.5		50	**1552620000**
Blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 1.5 MI-R	0.2 A	50	**1991880000**	ATPG 1.5 MI-R	0.2 A	50	**1991880000**
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 0.4X2.0X60		1	**2749260000**	SDS 0.4X2.0X60		1	**2749260000**
Marking tags								
	WS 10/3.5 PLUS MC NE WS		960	**2003760000**	WS 10/3.5 PLUS MC NE WS		960	**2003760000**
	DEK 5/3.5 MM WS		1000	**2007100000**	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

For detailed information on other accessories and application in the online catalogue

A4C 1.5 PE — 1.5 mm²



3.5 x 67.5 x 33.5
/ 1.5
0.14...1.5



IEC 60947-7-2 — Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A4C 1.5 PE	50	1552660000

Type		Qty.	Order No.
AEP 4C 1.5		50	1552640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

A2C 2.5 PE — 2.5 mm²

5.1 x 55 x 36.5
/ 4
0.14...4

IEC 60947-7-2 — Ex eb II C GbII 2 G D

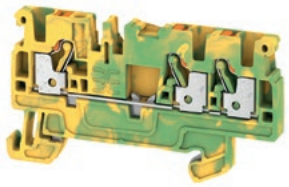
IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 2.5 PE	50	1521680000

Type		Qty.	Order No.
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A3C 2.5 PE — 2.5 mm²



5.1 x 66.5 x 36.5
/ 4
0.14...4

IEC 60947-7-2 — Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 2.5 PE	50	1521670000

Type		Qty.	Order No.
AEP 3C 2.5		50	1521510000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	A4C 2.5 PE	A2C 4 PE
	2.5 mm²	4 mm²
Width/Height/Depth mm	5.1 x 77.5 x 36.5	6.1 x 60 x 39.5
max. current / max. cond. cross-section -/mm²	/ 4	/ 6
Max. clamping range mm²	0.14...4	0.14...6

Technical data

	A4C 2.5 PE	A2C 4 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2 / Ex eb II C Gb II 2 G D	IEC 60947-7-2 / Ex eb II C Gb II 2 G D
Rated voltage to adjoining terminal V	IEC: 2.5 / UL: AWG 28...12 / CSA: AWG 28...12 / EN 60079-7: 2.5 mm²	IEC: 4 / UL: AWG 28...10 / CSA: AWG 26...10 / EN 60079-7: 4 mm²
Rated impulse withstand voltage to adjacent terminal kV	800	800
Rated short-time current	8	8
Pollution severity	300 A (2.5 mm²)	480 A (4 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	A3 / V-0	A4 / V-0
Clamped conductors		
Solid / Stranded mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...4	0.5...4 / 0.5...6
Stripping length / Blade size mm/-	0.5...4 / 0.5...2.5	0.5...6 / 0.5...4
	10 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

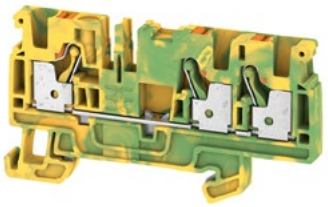
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow	A4C 2.5 PE	50	1521540000	A2C 4 PE	50	2051360000
Note						

Accessories

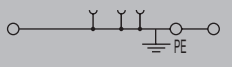
	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate						
dark beige	AEP 4C 2.5	50	1521530000	AEP 2C 4	50	2051680000
Blue						
End bracket						
dark beige, screwable	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0	20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter						
1-pole	ATPG 1.5-10 L 0.2 A	50	1991890000	ATPG 1.5-10 L 0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R 0.2 A	50	1991960000	ATPG 4 MI-R 0.2 A	50	1991860000
3-pole	ATPG 2.5/3 0.2 A	25	2041190000			
5-pole	ATPG 2.5/5 0.2 A	25	2041180000			
Test plug						
	PS 2.0 MC	20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver						
Standard	SDIL 0,6X3,5X100	1	2749140000	SDIL 0,6X3,5X100	1	2749140000
Marking tags						
	DEK 5/5 PLUS MC NE WS	1000	1854490000	WS 10/6 M PLUS MC NE WS	600	2003780000
	DEK 5/5 MM WS	800	2007110000	WS 8/6 MM WS	600	2007160000
	WS 8/5 MM WS	800	2007150000	DEK 5/6 MM WS	600	2007120000
	WS 10/5 M PLUS MC NE WS	600	2003770000	DEK 5/6 PLUS MC NE WS	1000	1011320000

For detailed information on other accessories and application in the online catalogue

A3C 4 PE — 4 mm²



6.1 x 74 x 39.5
/ 6
0.14...6



IEC 60947-7-2 Ex eb II C GbII 2 G D

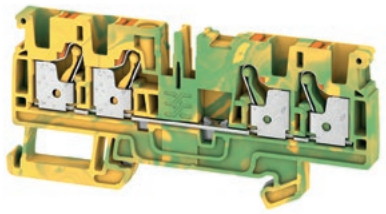
IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

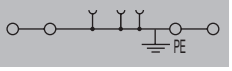
Type	Qty.	Order No.
A3C 4 PE	50	2051410000

Type		Qty.	Order No.
AEP 3C 4		20	2051720000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A4C 4 PE — 4 mm²



6.1 x 87.5 x 39.5
/ 6
0.14...6



IEC 60947-7-2 Ex eb II C GbII 2 G D

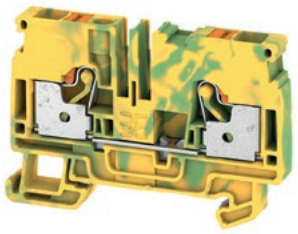
IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 4 PE	50	2051560000

Type		Qty.	Order No.
AEP 4C 4		20	2051900000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000

A2C 6 PE — 6 mm²



8.1 x 66.5 x 45.5
/ 10
0.34...10

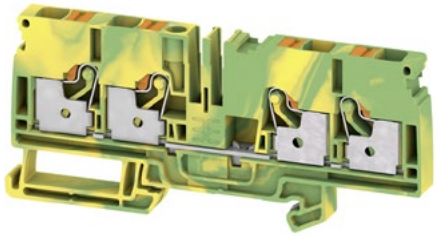
IEC 60947-7-2 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	6 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 6 PE	50	1991810000

Type		Qty.	Order No.
AEP 2C 6		50	1991970000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

		A3C 6 PE	6 mm²	A4C 6 PE	6 mm²
					
Width/Height/Depth	mm	8.1 x 84.5 x 45.5		8.1 x 102 x 45.5	
max. current / max. cond. cross-section	-/mm²	/ 10		41 / 10	
Max. clamping range	mm²	0.34...10		0.34...10	

Technical data

		A3C 6 PE				A4C 6 PE			
Rated data		IEC 60947-7-2		Ex eb II C Gb II 2 G D		IEC 60947-7-2			
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	6	AWG 22...8	AWG 22...8	6 mm²	6	AWG 22...8		6 mm²
Rated voltage to adjoining terminal	V	800				800			
Rated impulse withstand voltage to adjacent terminal	kV	8				8			
Rated short-time current		720 A (6 mm²)				720 A (6 mm²)			
Pollution severity		3				3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0				A5 / V-0			
Approvals									
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
Note									

Ordering data

		A3C 6 PE			A4C 6 PE		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	Green/yellow	A3C 6 PE	50	1991850000	A4C 6 PE	50	2881490000
Note							

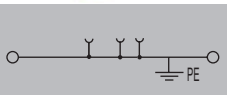
Accessories

		A3C 6 PE			A4C 6 PE		
End plate		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	AEP 3C 6	50	1991940000	AEP 4C 6	50	2876180000
	Blue						
End bracket							
	dark beige, screwable	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
	dark beige, direct mounting	AEB 35 SCL/1 V0	20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter							
	1-pole	ATPG 1.5-10 L 0.2 A	50	1991890000	ATPG 1.5-10 L 0.2 A	50	1991890000
	stackable	ATPG 6 MI-R 0.2 A	50	1991930000	ATPG 6 MI-R 0.2 A	50	1991930000
	3-pole						
	5-pole						
Test plug							
		PS 2.0 MC	20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver							
	Standard	SDIL 1,0X5,5X125	1	2749160000	SDIL 1,0X5,5X125	1	2749160000
Marking tags							
		DEK-A 5/8 MM WS	500	2448860000	DEK-A 5/8 MM WS	500	2448860000
		WS-A 8/8 MM WS	500	2448930000	WS-A 8/8 MM WS	500	2448930000
		DEK 5/8 PLUS MC NE WS	800	1046350000	DEK 5/8 PLUS MC NE WS	800	1046350000
		WS 10/8 PLUS MC NE WS	420	1905950000	WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

A2C 10 PE — 10 mm²

10 x 80.5 x 51.5
/ 16
0.5...16



IEC 60947-7-2 — Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	
1000			
8			
1200 A (10 mm²)			
3			
A6 / V-0			

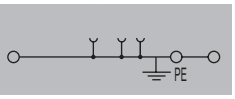
Rated connection
0.5...10 / 0.5...16
0.5...16 / 0.5...10
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 10 PE	25	**2490440000**

Type	Qty.	Order No.
AEP 2C 10/16	20	**2490380000**
AEB 35 SC/1	50	**1991920000**
AEB 35 SCL/1 V0	20	**2661280000**
ATPG 1.5-10 L 0.2 A	50	**1991890000**
PS 2.0 MC	20	**0310000000**
SDIL 1,0X5,5X125	1	**2749160000**
DEK 5/5 PLUS MC NE WS	1000	**1854490000**
DEK 5/8 PLUS MC NE WS	800	**1046350000**
WS 10/8 PLUS MC NE WS	420	**1905950000**

A3C 10 PE — 10 mm²

10 x 102 x 51.5
/ 16
0.5...16



IEC 60947-7-2 — Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	
1000			
8			
1200 A (10 mm²)			
3			
A6 / V-0			

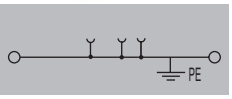
Rated connection
0.5...10 / 0.5...16
0.5...16 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A3C 10 PE	25	**2490590000**

Type	Qty.	Order No.
AEP 3C 10/16	20	**2490530000**
AEB 35 SC/1	50	**1991920000**
AEB 35 SCL/1 V0	20	**2661280000**
ATPG 1.5-10 L 0.2 A	50	**1991890000**
PS 2.0 MC	20	**0310000000**
SDIL 1,0X5,5X125	1	**2749160000**
DEK 5/5 PLUS MC NE WS	1000	**1854490000**
DEK 5/8 PLUS MC NE WS	800	**1046350000**
WS 10/8 PLUS MC NE WS	420	**1905950000**

A2C 16 PE — 16 mm²

12 x 80.5 x 51.5
/ 25
0.5...25



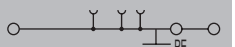
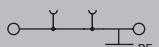
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm²
1000			
8			
1920 A (16 mm²)			
3			
A6 / V-0			

Rated connection
0.5...16 / 10...25
0.5...25 / 0.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 16 PE	20	**2494010000**

Type	Qty.	Order No.
AEP 2C 10/16	20	**2490380000**
AEB 35 SC/1	50	**1991920000**
AEB 35 SCL/1 V0	20	**2661280000**
ATPG 1.5-10 L 0.2 A	50	**1991890000**
PS 2.0 MC	20	**0310000000**
SDIL 1,0X5,5X125	1	**2749160000**
DEK 5/5 PLUS MC NE WS	1000	**1854490000**
WS-A 8/12 MM WS	300	**2619900000**
DEK 5/8 PLUS MC NE WS	800	**1046350000**
WS 10/8 PLUS MC NE WS	420	**1905950000**

	A3C 16 PE	AL2C 2.5 PE
	16 mm²	2.5 mm²
Width/Height/Depth mm	12 x 102 x 51.5	5.1 x 57 x 36.5
max. current / max. cond. cross-section -/mm²	/ 25	/ 2.5
Max. clamping range mm²	0.5...25	0.14...2.5
		

Technical data

	A3C 16 PE	AL2C 2.5 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
	IEC: 16 / UL: AWG 18...6 / CSA: AWG 18...6 / EN 60079-7: 16 mm²	IEC: 2.5 / UL: AWG 26...12 / CSA: AWG 26...12 / EN 60079-7: 4 mm²
Rated voltage to adjoining terminal V	1000	800
Rated impulse withstand voltage to adjacent terminal kV	8	8
Rated short-time current	1920 A (16 mm²)	300 A (2.5 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A3 / V-0
Approvals		
Clamped conductors		
Rated connection		
Solid / Stranded mm²	0.5...16 / 10...25	0.5...4 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...25 / 0.5...16	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

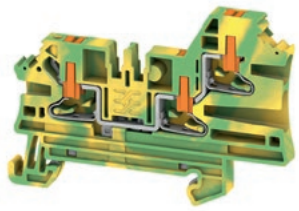
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow	A3C 16 PE	20	2494020000	AL2C 2.5 PE	100	2847590000
Note						

Accessories

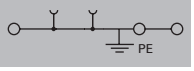
	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate						
dark beige	AEP 3C 10/16	20	2490530000	ALEP 2C 2.5	20	2871750000
Blue						
End bracket						
dark beige, screwable	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0	20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter						
1-pole	ATPG 1.5-10 L 0.2 A	50	1991890000	ATPG 1.5-10 L 0.2 A	50	1991890000
stackable				ATPG 2.5 MI-R 0.2 A	50	1991960000
3-pole				ATPG 2.5/3 0.2 A	25	2041190000
5-pole				ATPG 2.5/5 0.2 A	25	2041180000
Test plug						
	PS 2.0 MC	20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver						
Standard	SDIL 1,0X5,5X125	1	2749160000	SDIL 0,6X3,5X100	1	2749140000
Marking tags						
	DEK 5/5 PLUS MC NE WS	1000	1854490000	DEK 5/5 PLUS MC NE WS	1000	1854490000
	WS-A 8/12 MM WS	300	2619900000	DEK 5/5 MM WS	800	2007110000
	DEK 5/8 PLUS MC NE WS	800	1046350000	WS 8/5 MM WS	800	2007150000
	WS 10/8 PLUS MC NE WS	420	1905950000	WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

AL3C 2.5 PE — 2.5 mm²



5.1 x 68 x 48
/ 2.5
0.14...2.5



IEC 60947-7-2

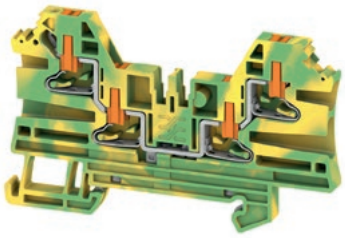
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

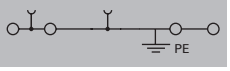
Type	Qty.	Order No.
AL3C 2.5 PE	50	2847600000

Type	Qty.	Order No.
ALEP 3C 2.5	20	2871770000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
ATPG 2.5/3 0.2 A	25	2041190000
ATPG 2.5/5 0.2 A	25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

AL4C 2.5 PE — 2.5 mm²



5.1 x 79.5 x 48
/ 2.5
0.14...2.5



IEC 60947-7-2

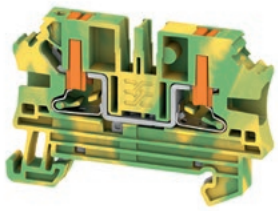
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

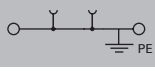
Type	Qty.	Order No.
AL4C 2.5 PE	50	2847610000

Type	Qty.	Order No.
ALEP 4C 2.5	20	2871790000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
ATPG 2.5/3 0.2 A	25	2041190000
ATPG 2.5/5 0.2 A	25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

AL2C 4 PE — 4 mm²



6.1 x 60 x 39.5
/ 6
0.14...6



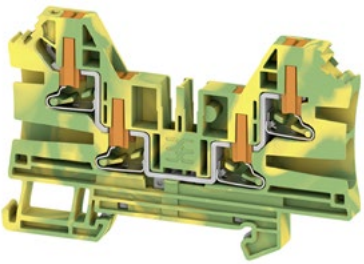
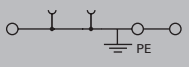
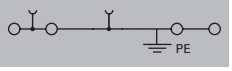
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 24...10	AWG 24...10	6 mm²
1000			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2C 4 PE	50	2847740000

Type	Qty.	Order No.
ALEP 2C 4	20	2871810000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 4 MI-R 0.2 A	50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

	AL3C 4 PE	4 mm²	AL4C 4 PE	4 mm²
				
Width/Height/Depth mm	6.1 x 71.5 x 52.5		6.1 x 83 x 52.5	
max. current / max. cond. cross-section -/mm²	/ 6		/ 6	
Max. clamping range mm²	0.14...6		0.14...6	

Technical data

	AL3C 4 PE	AL4C 4 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	IEC: 4 / UL: AWG 24...10 / CSA: AWG 24...10 / EN 60079-7: 6 mm²	IEC: 4 / UL: AWG 24...10 / CSA: AWG 24...10 / EN 60079-7: 6 mm²
Rated impulse withstand voltage to adjacent terminal kV	1000	1000
Rated short-time current	8	8
Pollution severity	480 A (4 mm²)	480 A (4 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	A4 / V-0	A4 / V-0
	CE cULus KEMA EAC UKCA	CE cULus KEMA EAC UKCA
Clamped conductors		
Solid / Stranded mm²	Rated connection: 0.5...6 / 0.5...4	Rated connection: 0.5...6 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

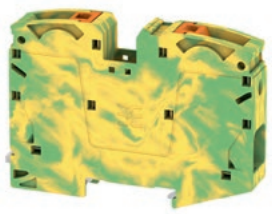
	AL3C 4 PE	AL4C 4 PE
Version		
Green/yellow	Type: AL3C 4 PE / Qty.: 50 / Order No.: 2847750000	Type: AL4C 4 PE / Qty.: 50 / Order No.: 2847770000
Note		

Accessories

	AL3C 4 PE			AL4C 4 PE		
End plate	**Type**		**Qty.** / **Order No.**	**Type**		**Qty.** / **Order No.**
dark beige	ALEP 3C 4		20 / 2871830000	ALEP 4C 4		20 / 2871850000
Blue				ALEP 3C 4 BL		20 / 2871840000
End bracket						
dark beige, screwable	AEB 35 SC/1		50 / 1991920000	AEB 35 SC/1		50 / 1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20 / 2661280000	AEB 35 SCL/1 V0		20 / 2661280000
Test adapter						
1-pole	ATPG 1.5-10 L	0.2 A	50 / 1991890000	ATPG 1.5-10 L	0.2 A	50 / 1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50 / 1991960000	ATPG 4 MI-R	0.2 A	50 / 1991860000
3-pole						
5-pole						
Test plug						
	PS 2.0 MC		20 / 0310000000	PS 2.0 MC		20 / 0310000000
Screwdriver						
Standard	SDIL 0,6X3,5X100		1 / 2749140000	SDIL 0,6X3,5X100		1 / 2749140000
Marking tags						
	DEK 5/5 PLUS MC NE WS		1000 / 1854490000	WS 10/6 M PLUS MC NE WS		600 / 2003780000
	DEK 5/5 MM WS		800 / 2007110000	WS 8/6 MM WS		600 / 2007160000
	WS 8/5 MM WS		800 / 2007150000	DEK 5/6 MM WS		600 / 2007120000
	WS 10/5 M PLUS MC NE WS		600 / 2003770000	DEK 5/6 PLUS MC NE WS		1000 / 1011320000

For detailed information on other accessories and application in the online catalogue

	A2C 35 PE	35 mm²	A2C 50/70 PE	50 mm²



Width/Height/Depth	mm	16 x 101 x 71.5	20 x 101.5 x 80.5
max. current / max. cond. cross-section	-/mm²	/ 35	/ 70
Max. clamping range	mm²	2.5...35	10...70

Technical data

Rated data		IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated voltage to adjoining terminal	V/V	1000 / 1500			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		4200 A (35 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	2.5...16 / 10...35			
Flexible / Flexible with ferrule	mm²	10...35 / 2.5...35			
Stripping length / Blade size	mm/-	25 / 1.0 x 5.5 mm			

Rated data		IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	50	AWG 8...0	AWG 8...NaN	70 mm²
Rated voltage to adjoining terminal	V/V	1000 / 1500			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		6000 A (50 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	10...16 / 10...70			
Flexible / Flexible with ferrule	mm²	10...70 / 10...50			
Stripping length / Blade size	mm/-	30 / 1.0 x 5.5 mm			

Note	
	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2C 35 PE	10	2551520000
Note			

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.

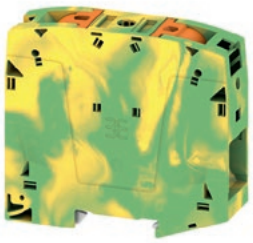
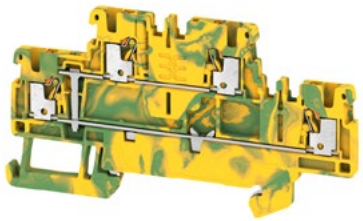
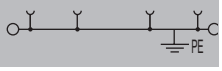
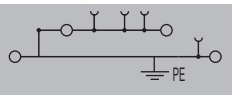
Accessories

	Type		Qty.	Order No.
End plate				
dark beige				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 1.0X5.5X150		1	2749380000
Marking tags				
	WS-A 8/16 MM WS		200	2619910000
Additional tap				
green/yellow	AAC 35 2X6 GN-YL	41 A	5	2583180000
Warning labels				
	AAM 35-185 YE FLASH		40	2635600000

	Type		Qty.	Order No.
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	PS 2.0 MC		20	0310000000
	SDS 1.0X5.5X150		1	2749380000
	WS-A 8/16 MM WS		200	2619910000
	AAC 50-185 2X10 GN-YL	57 A	5	2663440000
	AAM 35-185 YE FLASH		40	2635600000

For detailed information on other accessories and application in the online catalogue

Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

	A2C 95/120 PE	95 mm²	A2T 1.5 PE	1.5 mm²
				
Width/Height/Depth mm	25 x 101.5 x 90		3.5 x 84 x 45	
max. current / max. cond. cross-section -/mm²	/ 120		/ 1.5	
Max. clamping range mm²	25...120		0.14...1.5	

Technical data

	A2C 95/120 PE	A2T 1.5 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V/V	IEC: 95 / UL: AWG 4...0 / CSA: AWG 4...0 / EN 60079-7: 120 mm²	IEC: 1.5 / UL: AWG 26...14 / CSA: AWG 26...14 / EN 60079-7: 1.5 mm²
Rated impulse withstand voltage to adjacent terminal -	1000 / 1500	500 / 500
Rated short-time current		6
Pollution severity	14400 A (120 mm²)	180 A (1.5 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	/ V-0	A1 / V-0
		Ex eb II C Gbll 2 G D
Clamped conductors		
Solid / Stranded mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule mm²	25...120 / 25...120	0.5...1.5 / 0.5...1.5
Stripping length / Blade size mm/-	25...120 / 25...95	0.5...1.5 / 0.5...1
	40 / 1.0 x 5.5 mm	8 / 0.4 x 2.0 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2C 95/120 PE	5	2694090000
Note	For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.		
	A2T 1.5 PE	50	2469410000

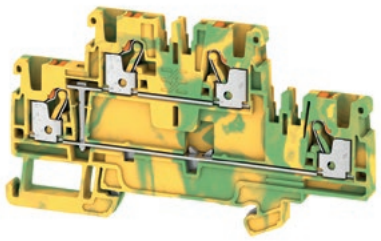
Accessories

	Type		Qty.	Order No.
End plate				
dark beige				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 1.0X5.5X150		1	2749380000
Marking tags				
	WS-A 8/16 MM WS		200	2619910000
Additional tap				
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	2663440000
Warning labels				
	AAM 35-185 YE FLASH		40	2635600000

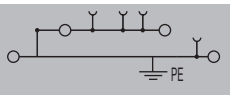
Type		Qty.	Order No.
AEP 2T 1.5		20	2469420000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDIS 0.4X2.0X60		1	2749780000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

For detailed information on other accessories and application in the online catalogue

A2T 2.5 PE — 2.5 mm²



5.1 x 90 x 50.5
/ 4
0.14...4



IEC 60947-7-2 — Ex eb II C GbII 2 G D

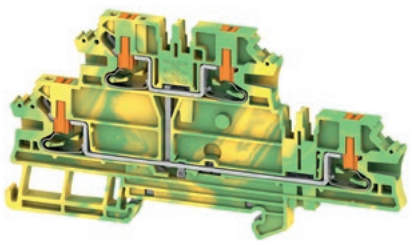
IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800 / 800			
6			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

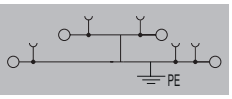
Type	Qty.	Order No.
A2T 2.5 PE	50	1547680000

Type	Qty.	Order No.
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK 1.5	40	2682080000
DEK 5/5 MM WS	800	2007110000

AL2T 2.5 PE — 2.5 mm²



5.1 x 108 x 56.5
/ 2.5
0.14...2.5



IEC 60947-7-2

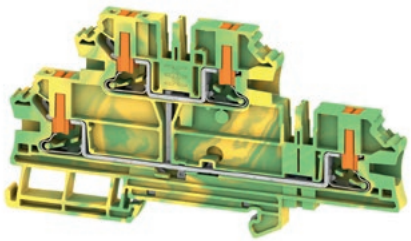
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12		4 mm²
800 /			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.14...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

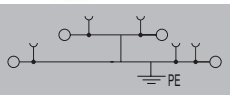
Type	Qty.	Order No.
AL2T 2.5 PE	50	2847650000

Type	Qty.	Order No.
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK 1.5	40	2682080000
DEK 5/5 MM WS	800	2007110000

AL2T 4 PE — 4 mm²



6.1 x 113.5 x 59.5
/ 6
0.14...6



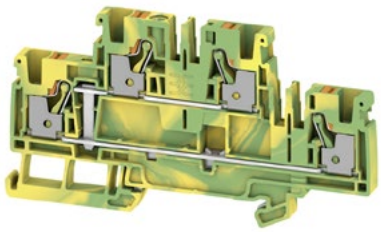
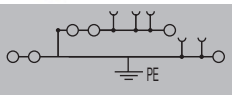
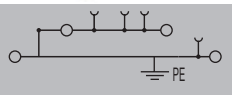
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			6 mm²
800 / 800			
6			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4 PE	50	2847810000

Type	Qty.	Order No.
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 2.5 MI-R 0.2 A	50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK 1.5	40	2682080000
DEK 5/5 MM WS	800	2007110000

	A2T 2.5 3C PE	2.5 mm²	A2T 4 PE	4 mm²
				
Width/Height/Depth mm	5.1 x 114.2 x 64		6.1 x 100 x 53.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 6	
Max. clamping range mm²	0.14...4		0.14...6	

Technical data

IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	2.5	AWG 28...12		2.5 mm²
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	6			
Rated short-time current	300 A (2.5 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0			
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	4	AWG 26...10		4 mm²
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current	480 A (4 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0			
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.5...4 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4			
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2T 2.5 3C PE	50	2531320000
Note			

Type	Qty.	Order No.
A2T 4 PE	50	2539990000

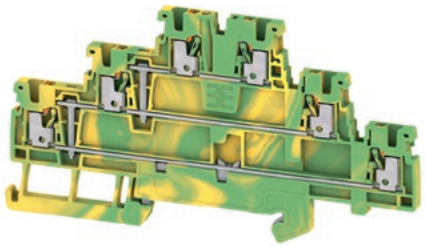
Accessories

	Type		Qty.	Order No.
End plate				
dark beige	AEP 2T 2.5 3C		20	2532690000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	WS 10/5 M PLUS MC NE WS		600	2003770000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	DEK 5/5 PLUS MC NE WS		1000	1854490000

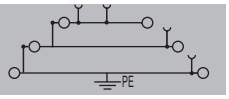
Type		Qty.	Order No.
AEP 2T 4		20	2540000000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/6 PLUS MC NE WS		1000	1011320000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
WS 10/6 M PLUS MC NE WS		600	2003780000
SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

A3T 1.5 PE — 1.5 mm²



3.5 x 106.5 x 57
/ 1.5
0.14...1.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1.5		AWG 26...14	
500			
6			
		180 A (1.5 mm²)	
		3	
		A1 / V-0	

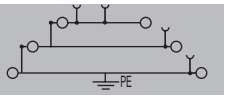
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A3T 1.5 PE	50	2818000000

Type		Qty.	Order No.
AEP 3T 1.5		20	2816950000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
DEK 5/3.5 MM WS		1000	2007100000
WS 10/3.5 PLUS MC NE WS		960	2003760000
SNAPMARK 1.5		40	2682080000

A3T 2.5 PE — 2.5 mm²

5.1 x 116 x 64.5
/ 4
0.14...4



DIN EN 60947-7-2 Ex eb II C GbII 2 G D

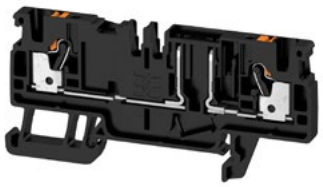
IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800			
6			
		300 A (2.5 mm²)	
		3	
		A3 / V-0	

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

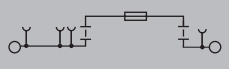
Type	Qty.	Order No.
A3T 2.5 PE	50	2428550000

Type		Qty.	Order No.
AEP 3T 2.5		20	2428560000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/5 M PLUS MC NE WS		600	2003770000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
DEK 5/5 PLUS MC NE WS		1000	1854490000
SNAPMARK I		50	1805880000

AFS 2.5 CF 2C — 2.5 mm²



Width/Height/Depth	5.1 x 77.5 x 37.65 mm
max. current / max. cond. cross-section	10 / 4 A/mm²
Max. clamping range	0.14...4 mm²



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	

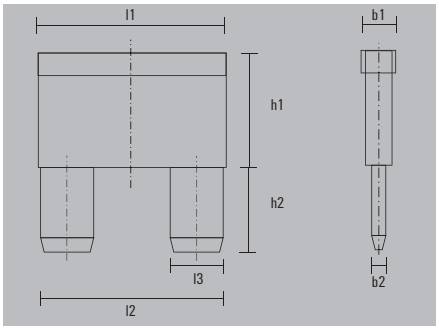
Note

In accordance with IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	16	16	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Dimensions for blade-type fuse inserts according to DIN 72581-3:2001-03



b1 max.	b2 ± 0.4	h1 max.	h2 ± 0.2	l1 max.	l2 ± 0.3	l3 ± 0.2
4	0.82	9	7.5	12	10.9	2.8

Ordering data

Version	Type	Qty.	Order No.
400 V DC	AFS 2.5 CF 2C BK	50	2466530000
12 V DC	AFS 2.5 CF 2C 12V BK	50	2466610000
24 V DC	AFS 2.5 CF 2C 24V BK	50	2466600000

Note

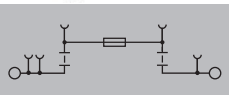
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
Black	AEP 4C 2.5 BK		50	2486660000
Test plug				
	PS 2.0 MC		20	0310000000
Terminal blocks identical in contour				
	A3C 2.5	24 A	100	1521740000
	A3C 2.5 PE		50	1521670000
	ADT 2.5 2C	20 A	50	1989800000
	A2C 2.5 /DT/FS	24 A	100	1989900000
	A2C 2.5 PE/DT/FS		50	1989890000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

AFS 4 2C — 4 mm²

Width/Height/Depth	6.1 x 74 x 68 mm
max. current / max. cond. cross-section	**6.3 / 6** A/mm²
Max. clamping range	**0.14...6** mm²



DIN EN 60947-7-3

Ex ec II C Gc — II 3 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 26...10	AWG 26...10	4 mm²
	4 kV / 3		
	A4 / V-0		
			TUEV17ATEX8064U

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	AFS 4 2C BK	50	2429860000
10–36 V AC/DC, with LED	AFS 4 2C 10-36V BK	50	2429870000
30–70 V AC/DC, with LED	AFS 4 2C 30-70V BK	50	2434350000
60–150 V AC/DC, with LED	AFS 4 2C 60-150V BK	50	2434380000
100 – 250 V AC/DC, with LED	AFS 4 2C 100-250V BK	50	2434390000

Note

Accessories

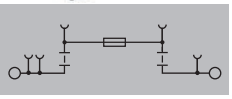
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
Black	AEP 3C 4 BK		20	2486640000
Test plug				
	PS 2.0 MC		20	0310000000
Terminal blocks identical in contour				
	A3C 4	32 A	50	2051240000
	A3C 4 PE		50	2051410000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000

For detailed information on other accessories and application in the online catalogue

AFS 4 2C BK/BL — 4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6.1 x 74 x 68
6.3 / 6
0.14...6



Technical data

DIN EN 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	150 (C)	150 (C)	
Rated current	6.3	10	10	6.3
for wire cross-section	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals				TUEV17ATEX8064U

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4
Stripping length / Blade size	12 / 0.6 x 3.5 mm

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A

Note

Ordering data

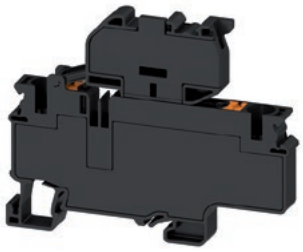
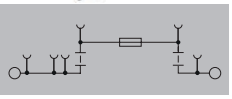
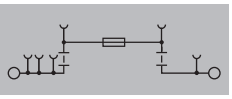
Version	Type	Qty.	Order No.
500 V AC/DC, without LED	AFS 4 2C BK/BL	50	**2548140000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
Black	AEP 3C 4 BK		20	**2486640000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour				
	A3C 4	32 A	50	**2051240000**
	A3C 4 PE		50	**2051410000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

	ALFS 4 2C BK	4 mm²	AFS 6 2C 6.3X32	6 mm²
				
Width/Height/Depth mm	6.1 x 73.5 x 68		8 x 82.9 x 66.3	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**10 / 10**	
Max. clamping range mm²	**0.14...6**		**0.5...10**	

Technical data

Rated data						
Rated voltage to adjoining terminal	V	IEC 60947-7-3				
Rated current	A	IEC	UL	CSA	EN 60079-7	
for wire cross-section	mm²	500	150 (C)	150 (C)		
Rated impulse withstand voltage / Pollution severity		6.3	10	10	6.3	
Gauge to IEC 60947-1 / UL 94 flammability rating		4	AWG 24...10	AWG 24...10	6 mm²	
Approvals				4 kV / 3		
				A4 / V-0		
						TUEV24ATEX9181U
Clamped conductors		**Rated connection**				
Solid / Stranded	mm²	0.5...6 / 0.5...6				
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4				
Stripping length / Blade size		12 / 0.6 x 3.5 mm				
Note						

Rated data					
	IEC 60947-7-3				
	IEC	UL	CSA	EN 60079-7	
	1000				
	10				
	6				
			/ 3		
			A5 / V-0		
Rated connection					
	0.5...10 / 0.5...10				
	0.5...10 / 0.5...10				
	12 / 0.8 x 4.0 mm				

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ALFS 4 2C BK	50	**2898780000**
10–36 V AC/DC, with LED	ALFS 4 2C 10-36V BK	50	**2898790000**
30–70 V AC/DC, with LED	ALFS 4 2C 30-70V BK	50	**2898800000**
60–150 V AC/DC, with LED	ALFS 4 2C 60-150V BK	50	**2898810000**
100 – 250 V AC/DC, with LED	ALFS 4 2C 100-250V BK	50	**2898820000**
Note			

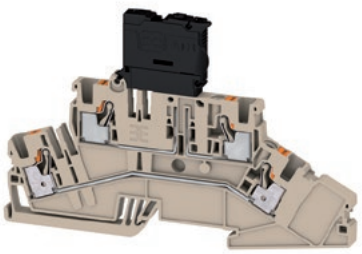
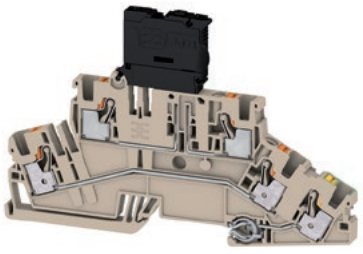
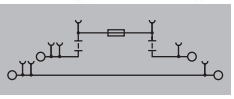
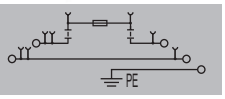
Type	Qty.	Order No.
AFS 6 2C 6.3X32	50	**2996020000**

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	ALEP DT 4 2C		20	**2898890000**
blue	ALEP DT 4 2C BL		20	**2898900000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour				
	A3C 4	32 A	50	**2051240000**
	A3C 4 PE		50	**2051410000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**

Type		Qty.	Order No.
PS 2.3 RT	20 mA	20	**0180400000**
MF 10/8 MM WS		400	**2519190000**
GZ 0.5A/F	0.5 A	10	**1460580000**
GZ 1.0A/F	1 A	10	**1460590000**
GZ 2.0A/F	2 A	10	**1460600000**

For detailed information on other accessories and application in the online catalogue

	A2T 4 FS-FT	A2T 4 FS-FT-PE
	4 mm²	4 mm²
		
Width/Height/Depth mm	6.1 x 126.5 x 83.5	6.1 x 126.5 x 83.5
max. current / max. cond. cross-section A/mm²	**6.3 / 6**	**6.3 / 6**
Max. clamping range mm²	**0.14...6**	**0.14...6**
		

Technical data

	A2T 4 FS-FT	A2T 4 FS-FT-PE
Rated data	IEC 60947-7-3, IEC 60947-7-1	IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3
Rated voltage to adjoining terminal V	250	250
Rated current A	6.3	6.3
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	25
4	AWG 26...10	AWG 26...10	4 mm²

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	25
4	AWG 26...10	AWG 26...10	4 mm²

Note

Ordering data

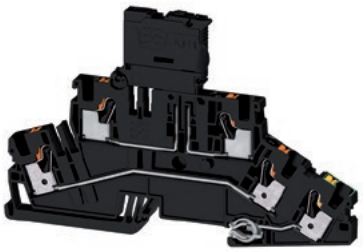
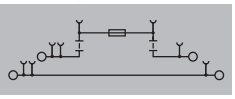
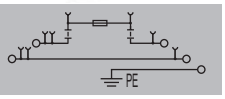
Version	A2T 4 FS-FT Type	Qty.	Order No.	A2T 4 FS-FT-PE Type	Qty.	Order No.
500 V AC/DC, without LED	A2T 4 FS-FT	50	**2831500000**	A2T 4 FS-FT-PE	50	**2831510000**
10–36 V AC/DC, with LED						
30–70 V AC/DC, with LED						
60–150 V AC/DC, with LED						
100 – 250 V AC/DC, with LED						

Note

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	AEP 2T 4 FS		20	**2817060000**	AEP 2T 4 FS		20	**2817060000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour								
	A2T 4 DT-FT	20 A	50	**2831520000**	A2T 4 DT-FT	20 A	50	**2831520000**
	A2T 4 DT-FT-PE	20 A	50	**2831530000**	A2T 4 DT-FT-PE	20 A	50	**2831530000**
	A2T 4 FS-FT-PE	6.3 A	50	**2831510000**	A2T 4 FS-FT	6.3 A	50	**2831500000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

	A2T 4 FS-FT BK	4 mm²	A2T 4 FS-FT-PE BK	4 mm²
				
Width/Height/Depth mm	6.1 x 126.5 x 83.5		6.1 x 126.5 x 83.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.14...6**		**0.14...6**	

Technical data

	A2T 4 FS-FT BK	A2T 4 FS-FT-PE BK
Rated data	IEC 60947-7-3, IEC 60947-7-1	IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3
	IEC / UL / CSA / EN 60079-7	**IEC / UL / CSA / EN 60079-7**
Rated voltage to adjoining terminal V	250 / / 150 (C) /	250 / / 150 (C) /
Rated current A	6.3 / / 30 / 6.3	6.3 / / 30 / 6.3
for wire cross-section mm²	4 / AWG 26...10 / AWG 26...10 / 4 mm²	4 / AWG 26...10 / AWG 26...10 / 4 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals	TUEV17ATEX8064U	TUEV17ATEX8064U
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

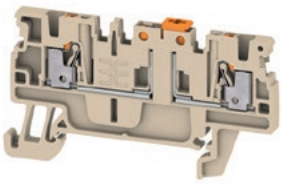
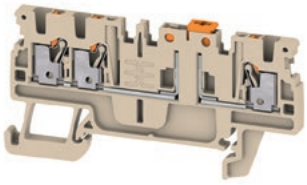
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	A2T 4 FS-FT BK	50	**2816960000**	A2T 4 FS-FT-PE BK	50	**2817010000**
10–36 V AC/DC, with LED	A2T 4 FS-FT 10-36V BK	50	**2816970000**	A2T 4 FS-FT-PE 10-36V BK	50	**2817020000**
30–70 V AC/DC, with LED	A2T 4 FS-FT 30-70V BK	50	**2816980000**	A2T 4 FS-FT-PE 30-70V BK	50	**2817030000**
60–150 V AC/DC, with LED	A2T 4 FS-FT 60-150V BK	50	**2816990000**	A2T 4 FS-FT-PE 60-150V BK	50	**2817040000**
100 – 250 V AC/DC, with LED	A2T 4 FS-FT 100-250V BK	50	**2817000000**	A2T 4 FS-FT-PE 100-250V BK	50	**2817050000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	AEP 2T 4 FS		20	**2817060000**	AEP 2T 4 FS		20	**2817060000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour								
	A2T 4 DT-FT	20 A	50	**2831520000**	A2T 4 DT-FT	20 A	50	**2831520000**
	A2T 4 DT-FT-PE	20 A	50	**2831530000**	A2T 4 DT-FT-PE	20 A	50	**2831530000**
	A2T 4 FS-FT-PE BK	6.3 A	50	**2817010000**	A2T 4 FS-FT BK	6.3 A	50	**2816960000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

	ADT 1.5 2C	1.5 mm²	ADT 1.5 3C	1.5 mm²
				
Width/Height/Depth mm	3.5 x 61.5 x 33.5		3.5 x 67.5 x 33.5	
max. current / max. cond. cross-section A/mm²	**10 / 1.5**		**10 / 1.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...1.5**	

Technical data

Rated data	ADT 1.5 2C	ADT 1.5 3C
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 400 / UL: 300 / CSA: – / EN 60079-7: –	IEC: 400 / UL: 300 / CSA: – / EN 60079-7: –
for wire cross-section mm²	IEC: 10 / UL: 10 / CSA: – / EN 60079-7: –	IEC: 10 / UL: 10 / CSA: – / EN 60079-7: –
Rated impulse withstand voltage / Pollution severity	IEC: 1.5 / UL: – / CSA: – / EN 60079-7: –	IEC: 1.5 / UL: – / CSA: – / EN 60079-7: –
Gauge to IEC 60947-1 / UL 94 flammability rating	6 kV / 3	6 kV / 3
Approvals	A1 / V-0	A1 / V-0
	CE cULus	CE cULus
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...1.5 / 0.14...1.5	0.5...1.5 / 0.14...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

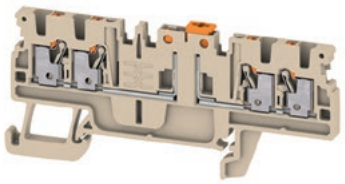
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ADT 1.5 2C	100	**2918260000**	ADT 1.5 3C	100	**2918270000**
Blue	ADT 1.5 2C BL	100	**2941210000**	ADT 1.5 3C BL	100	**2941220000**
without isolator, dark beige						
without isolator						
without isolator, blue						
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole								
10-pole								
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole								
10-pole								
End plate								
dark beige	AEP 3C 1.5		50	**1552620000**	AEP 4C 1.5		50	**1552640000**
Blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 1.5 MI-R	0.2 A	50	**1991880000**	ATPG 1.5 MI-R	0.2 A	50	**1991880000**
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 0.4X2.0X60		1	**2749260000**	SDS 0.4X2.0X60		1	**2749260000**
Switch lock								
red								
Marking tags								
	WS 8/3.5 MM WS		1000	**2007140000**	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 MM WS		1000	**2007100000**	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
For detailed information on other accessories and application in the online catalogue								

ADT 1.5 4C — 1.5 mm²



3.5 x 77 x 33.5
10 / 1.5
0.14...1.5

IEC 60947-7-1

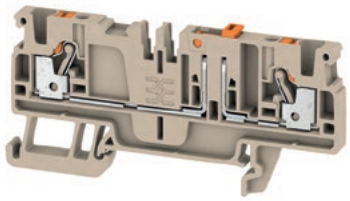
IEC	UL	CSA	EN 60079-7
400	300		
10	10		
1.5			
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.14...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ADT 1.5 4C	100	2918280000
ADT 1.5 4C BL	100	2941230000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP DT 1.5 4C		50	2918300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

ADT 2.5 2C — 2.5 mm²



5.1 x 77.5 x 37.65
20 / 4
0.14...4

IEC 60947-7-1

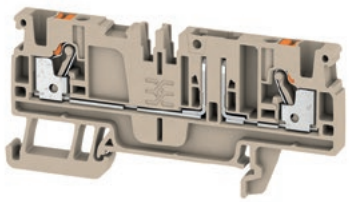
IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 2C	50	1989800000
ADT 2.5 2C BL	50	1989810000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ADT 2.5 2C W/O DTLV — 2.5 mm²



5.1 x 77.5 x 36.5
20 / 4
0.14...4

IEC 60947-7-1

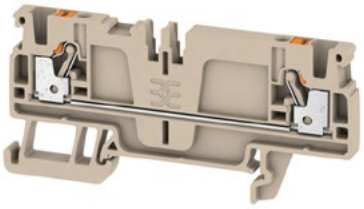
IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

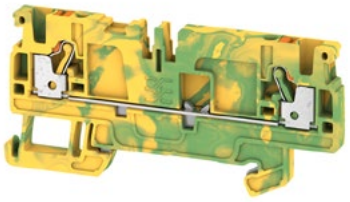
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 2C W/O DTLV	50	1989930000

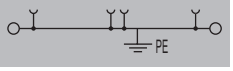
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	A2C 2.5 /DT/FS	2.5 mm²	A2C 2.5 PE /DT/FS	2.5 mm²





Width/Height/Depth	mm	5.1 x 77.5 x 36.5	5.1 x 77.5 x 36.5
max. current / max. cond. cross-section	A/mm²	24 / 4	/ 4
Max. clamping range	mm²	0.14...4	0.14...4



Technical data

Rated data		IEC 60947-7-1				IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	800	600	600			600	600	
Rated current	A	24	20	20					
for wire cross-section	mm²	2.5	AWG 28...12	AWG 28...12		2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0		
Approvals									
Clamped conductors									
Solid / Stranded	mm²	0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

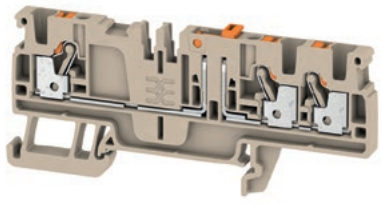
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 2.5 /DT/FS	100	1989900000	A2C 2.5 PE/DT/FS	50	1989890000
Blue	A2C 2.5 /DT/FS BL	100	1989910000			
without isolator, dark beige						
without isolator						
without isolator, blue						
Note						

Accessories

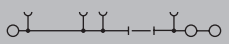
Plug-in cross-connection	Type		Qty.	Order No.	Type	Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000			
10-pole	ZQV 2.5N/10	24 A	20	1527690000			
2-pole							
10-pole							
2-pole							
10-pole							
End plate							
dark beige	AEP 4C 2.5		50	1521530000	AEP 4C 2.5	50	1521530000
Blue	AEP 4C 2.5 BL		50	1521640000			
End bracket							
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1	50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter							
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	25	2041180000
Test plug							
	PS 2.0 MC		20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver							
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100	1	2749140000
Switch lock							
red							
Marking tags							
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS	1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS	800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS	800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

ADT 2.5 3C — 2.5 mm²



5.1 x 84.5 x 37.65
20 / 4
0.14...4



IEC 60947-7-1

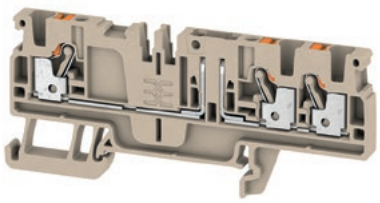
IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

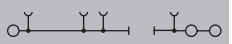
Type	Qty.	Order No.
ADT 2.5 3C	50	1989830000
ADT 2.5 3C BL	50	1989840000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 3C		50	1989970000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ADT 2.5 3C W/O DTLV — 2.5 mm²



5.1 x 84.5 x 36.5
20 / 4
0.14...4



IEC 60947-7-1

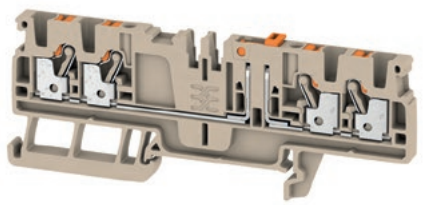
IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 3C W/O DTLV	50	1989940000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 3C		50	1989970000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ADT 2.5 4C — 2.5 mm²



5.1 x 96 x 37.65
20 / 4
0.14...4

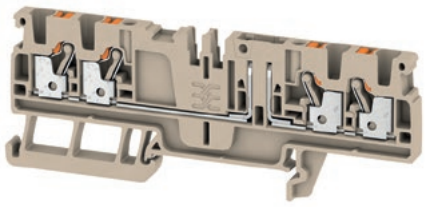
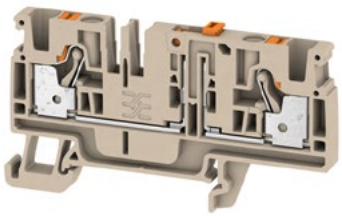
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 4C	50	1989860000
ADT 2.5 4C BL	50	1989870000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 4C		50	1989980000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	ADT 2.5 4C W/O DTLV	2.5 mm²	ADT 4 2C	4 mm²
				
Width/Height/Depth mm	5.1 x 96 x 36.5		6.1 x 74 x 41	
max. current / max. cond. cross-section A/mm²	**20 / 4**		**20 / 6**	
Max. clamping range mm²	**0.14...4**		**0.14...6**	

Technical data

	ADT 2.5 4C W/O DTLV	ADT 4 2C
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC/EN 60947-7-1:2009
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
4	AWG 26...10	AWG 26...10	
	4 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
10 / 0.6 x 3.5 mm

Note

Ordering data

Version

Version	Type	Qty.	Order No.
dark beige			
Blue			
without isolator, dark beige			
without isolator	ADT 2.5 4C W/O DTLV	50	1989950000
without isolator, blue			

Type	Qty.	Order No.
ADT 4 2C	50	2429850000
ADT 4 2C BL	50	2429880000

Note

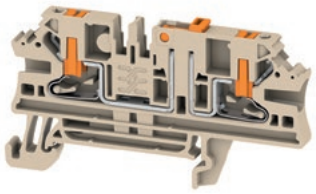
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	AEP DT 2.5 4C		50	1989980000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Switch lock				
red	DTLE 2.5/4		25	2910530000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 3C 4		20	2051720000
AEP 3C 4 BL		20	2051880000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
WS 10/6 M PLUS MC NE WS		600	2003780000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000

For detailed information on other accessories and application in the online catalogue

ALDT 2.5 2C — 2.5 mm²



5.1 x 68 x 38
20 / 4
0.14...4

IEC 60947-7-1

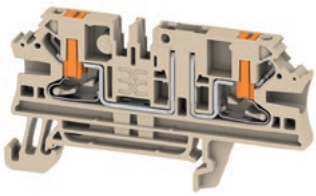
IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ALDT 2.5 2C	50	2898660000
ALDT 2.5 2C BL	50	2898670000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP DT 2.5 2C		20	2898830000
ALEP DT 2.5 2C BL		20	2898840000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ALDT 2.5 2C W/O DT — 2.5 mm²



5.1 x 36.5 x 38
20 / 4
0.14...4

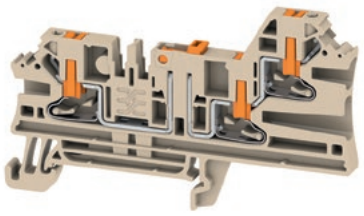
IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
	6 kV / 3		
	/ V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ALDT 2.5 2C W/O DTLV	50	2898680000
ALDT 2.5 2C W/O DTLV BL	50	2898690000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP DT 2.5 2C		20	2898830000
ALEP DT 2.5 2C BL		20	2898840000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ALDT 2.5 3C — 2.5 mm²



5.1 x 79.5 x 48
20 / 4
0.14...4

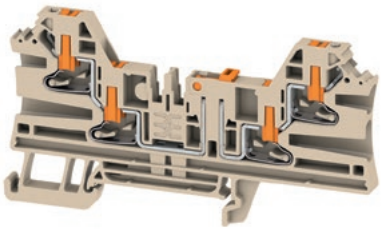
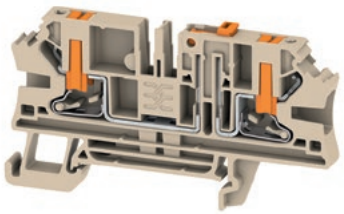
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ALDT 2.5 3C	50	2898700000
ALDT 2.5 3C BL	50	2898710000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP DT 2.5 3C		20	2898850000
ALEP DT 2.5 3C BL		20	2898860000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DTLE 2.5/4		25	2910530000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	ALDT 2.5 4C	2.5 mm²	ALDT 4 2C	4 mm²
				
Width/Height/Depth mm	5.1 x 91 x 48		6.1 x 73.5 x 41	
max. current / max. cond. cross-section A/mm²	**20 / 4**		**20 / 6**	
Max. clamping range mm²	**0.14...4**		**0.14...6**	

Technical data

Rated data						IEC 60947-7-1			
				IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V			500	600			500	300	300	
Rated current	A			20	19			20	20	20	
for wire cross-section	mm²			2.5	AWG 26...12			4	AWG 24...10	AWG 24...10	
Rated impulse withstand voltage / Pollution severity					6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating					A3 / V-0				A4 / V-0		
Approvals											
Clamped conductors				**Rated connection**				**Rated connection**			
Solid / Stranded	mm²			0.5...4 / 0.5...4				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²			0.5...4 / 0.5...2.5				0.5...6 / 0.5...4			
Stripping length / Blade size	mm/-			10 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note											

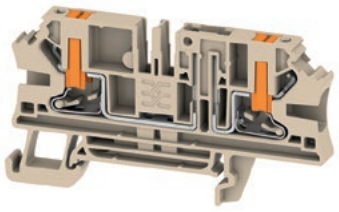
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ALDT 2.5 4C	50	**2898720000**	ALDT 4 2C	50	**2898740000**
Blue	ALDT 2.5 4C BL	50	**2898730000**	ALDT 4 2C BL	50	**2898750000**
without isolator, dark beige						
without isolator						
without isolator, blue						
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**				
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**				
2-pole								
10-pole								
2-pole					ZQV 4N/2	32 A	60	**1527930000**
10-pole					ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	ALEP DT 2.5 4C		20	**2898870000**	ALEP DT 4 2C		20	**2898890000**
blue	ALEP DT 2.5 4C BL		20	**2898880000**	ALEP DT 4 2C BL		20	**2898900000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 4 MI-R	0.2 A	50	**1991860000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**				
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**				
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/5 MM WS		800	**2007110000**	WS 8/6 MM WS		600	**2007160000**
	WS 8/5 MM WS		800	**2007150000**	DEK 5/6 MM WS		600	**2007120000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
For detailed information on other accessories and application in the online catalogue								

ALDT 4 2C W/O DTLV — 4 mm²



6.1 x 73.5 x 41
20 / 6
0.14...6

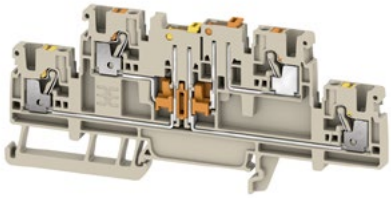
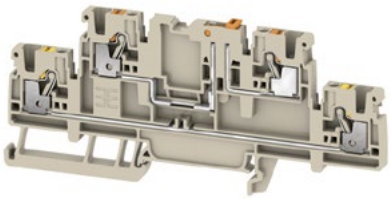
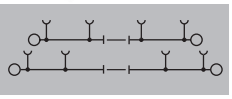
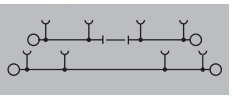
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
4	AWG 24...10	AWG 24...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ALDT 4 2C W/O DTLV	50	**2898760000**
ALDT 4 2C W/O DTLV BL	50	**2898770000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
ALEP DT 4 2C		20	**2898890000**
ALEP DT 4 2C BL		20	**2898900000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DTLE 2.5/4		25	**2910530000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

	A2T 2.5 DT/DT	2.5 mm²	A2T 2.5 DT/FT	2.5 mm²
				
Width/Height/Depth mm	5.1 x 115 x 50.5		5.1 x 115 x 50.5	
max. current / max. cond. cross-section A/mm²	**16 / 4**		**2 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	400	300	300	
Rated current A	16	19	19	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE cULus			
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	300	300	
Rated current A	16	19	19	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Approvals	CE cULus			
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.14...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Ordering data

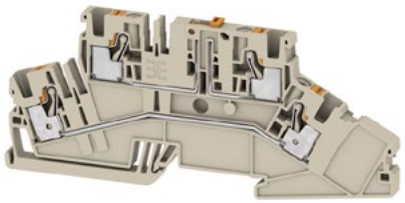
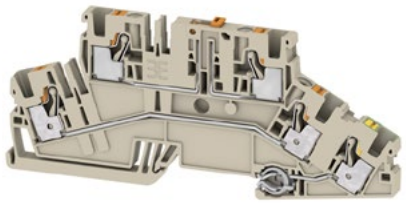
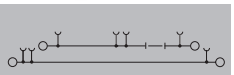
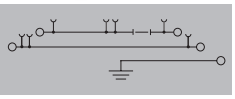
Version	Type	Qty.	Order No.
dark beige	A2T 2.5 DT/DT	50	**2744110000**
Blue	A2T 2.5 DT/DT BL	50	**2744120000**
Note			

Version	Type	Qty.	Order No.
dark beige	A2T 2.5 DT/FT	50	**2744130000**
Blue	A2T 2.5 DT/FT BL	50	**2744140000**
Note			

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP DT 2.5 2T		20	**2744150000**
blue	AEP DT 2.5 2T BL		20	**2744160000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Switch lock				
red	DTLE 2.5/4		25	**2910530000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
For detailed information on other accessories and application in the online catalogue				

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP DT 2.5 2T		20	**2744150000**
blue	AEP DT 2.5 2T BL		20	**2744160000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Switch lock				
red				
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
For detailed information on other accessories and application in the online catalogue				

	A2T 4 DT-FT	4 mm²	A2T 4 DT-FT-PE	4 mm²
				
Width/Height/Depth mm	6.1 x 126.5 x 56.5		6.1 x 126.5 x 56.5	
max. current / max. cond. cross-section A/mm²	**20 / 6**		**20 / 6**	
Max. clamping range mm²	**0.14...6**		**0.14...6**	

Technical data

	A2T 4 DT-FT				A2T 4 DT-FT-PE			
Rated data	IEC 60947-7-1, IEC 60947-7-2				IEC 60947-7-1, IEC 60947-7-2			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal V	250		150		250		150	
Rated current A	20		25		20		25	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10		4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0				A4 / V-0	
Approvals	CE cULus Ex				CE cULus Ex			
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...4 / 0.5...6				0.5...4 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note								

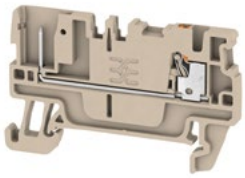
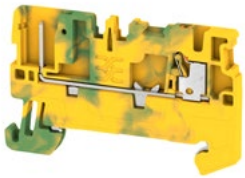
Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	A2T 4 DT-FT	50	**2831520000**	A2T 4 DT-FT-PE	50	**2831530000**
without isolator, dark beige	A2T 4 DT-FT W/O DTLV	50	**2831540000**	A2T 4 DT-FT-PE W/O DTLV	50	**2831550000**
Note						

Accessories

	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	AEP 2T 4 FS		20	**2817060000**	AEP 2T 4 FS		20	**2817060000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**	ATPG 4 MI-R	0.2 A	50	**1991860000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug								
orange	TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
removable, as replacement for release lever	TNST	20 A	50	**1833090000**	TNST	20 A	50	**1833090000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**

For detailed information on other accessories and application in the online catalogue

	APGTB 1.5 FT 2C/1	1.5 mm²	APGTB 1.5 PE 2C/1	1.5 mm²
				
Width/Height/Depth mm	3.5 x 55 x 33.5		3.5 x 55 x 33.5	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**/ 1.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...1.5**	

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A	17.5	13	13	
for wire cross-section mm²	1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A				
for wire cross-section mm²	1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	APGTB 1.5 FT 2C/1	50	**2482160000**
Blue	APGTB 1.5 FT 2C/1 BL	50	**2482170000**
Green/yellow			

Type	Qty.	Order No.
APGTB 1.5 PE 2C/1	50	**2482220000**

Note

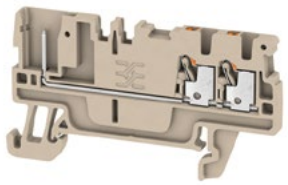
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate				
dark beige	AEP 2C 1.5		50	**1552600000**
Blue	AEP 2C 1.5 BL		50	**1552610000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Plug				
	APG 1.5/1	17.5 A	50	**2482340000**
	APG 1.5/10	17.5 A	20	**2482430000**
	APG 1.5 MI	17.5 A	50	**2482280000**
	APG 1.5 L	17.5 A	50	**2482250000**
	APG 1.5 R	17.5 A	50	**2482310000**
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**2749260000**
Marking tags				
	WS 10/3.5 PLUS MC NE WS		960	**2003760000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	**1985410000**
ZQV 1.5N/10	17.5 A	20	**1985580000**
AEP 2C 1.5		50	**1552600000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
APG 1.5/1	17.5 A	50	**2482340000**
APG 1.5/10	17.5 A	20	**2482430000**
APG 1.5 MI	17.5 A	50	**2482280000**
APG 1.5 L	17.5 A	50	**2482250000**
APG 1.5 R	17.5 A	50	**2482310000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 FT 3C/1 — 1.5 mm²



3.5 x 62 x 33.5
17.5 / 1.5
0.14...1.5

In accordance with IEC 60947-7-1

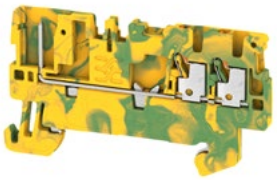
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 3C/1	50	2482180000
APGTB 1.5 FT 3C/1 BL	50	2482190000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 3C 1.5		50	1552620000
AEP 3C 1.5 BL		50	1552630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

APGTB 1.5 FT PE 3C/1 — 1.5 mm²



3.5 x 62 x 33.5
/ 1.5
0.14...1.5

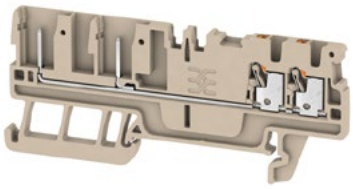
IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 PE 3C/1	50	2482230000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 3C 1.5		50	1552620000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

APGTB 1.5 FT 4C/2 — 1.5 mm²



3.5 x 80 x 33.5
17.5 / 1.5
0.14...1.5

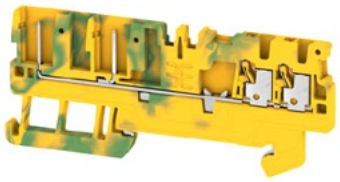
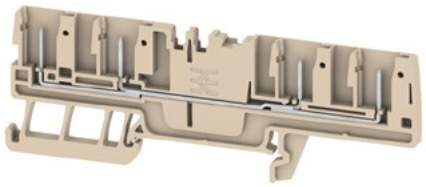
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 4C/2	50	2482200000
APGTB 1.5 FT 4C/2 BL	50	2482210000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP PGTB 1.5 4C/2		50	2482510000
AEP PGTB 1.5 4C/2 BL		50	2482520000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

	APGTB 1.5 PE 4C/2	1.5 mm²	APGTB 1.5 FT 4C/4	1.5 mm²
				
Width/Height/Depth mm	3.5 x 80 x 33.5		5.1 x 87 x 36.5	
max. current / max. cond. cross-section -/mm²	/ 1.5		17.5 / 1.5	
Max. clamping range mm²	0.14...1.5		0.14...1.5	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A				
for wire cross-section mm²	1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1			
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300		
Rated current A	17.5	13		
for wire cross-section mm²	1.5	AWG 26...14		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Number of operating cycles				
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5			
Stripping length / Blade size mm/-				
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige			
Blue			
Green/yellow	APGTB 1.5 PE 4C/2	50	2482240000
Note			

Version	Type	Qty.	Order No.
dark beige	APGTB 1.5 FT 4C/4	100	2898120000
Blue	APGTB 1.5 FT 4C/4 BL	100	2898130000
Green/yellow			
Note			

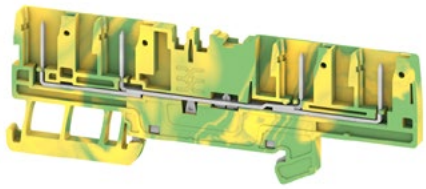
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
End plate				
dark beige	AEP PGTB 1.5 4C/2		50	2482510000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Plug				
	APG 1.5/1	17.5 A	50	2482340000
	APG 1.5/10	17.5 A	20	2482430000
	APG 1.5 MI	17.5 A	50	2482280000
	APG 1.5 L	17.5 A	50	2482250000
	APG 1.5 R	17.5 A	50	2482310000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags				
	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

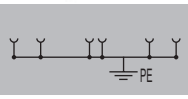
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
End plate				
dark beige	AEP PGTB 1.5 4C/4		20	2898180000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Plug				
	APG 1.5/1	17.5 A	50	2482340000
	APG 1.5/10	17.5 A	20	2482430000
	APG 1.5 MI	17.5 A	50	2482280000
	APG 1.5 L	17.5 A	50	2482250000
	APG 1.5 R	17.5 A	50	2482310000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags				
	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 PE 4C/4 — 1.5 mm²



3.5 x 80 x 33.5
17.5 / 1.5
0.14...1.5



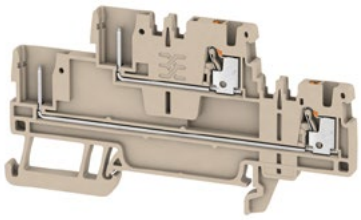
IEC	UL	CSA	EN 60079-7
500	300		
17.5			
1.5	AWG 26...14		
	6 kV / 3		
	/ V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5

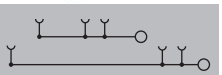
Type	Qty.	Order No.
APGTB 1.5 PE 4C/4	50	2898140000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP PGTB 1.5 4C/4		20	2898180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

APGTB 1.5 2T 4C/2 — 1.5 mm²



3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

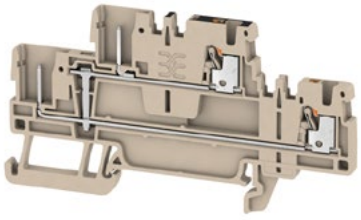
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

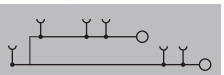
Type	Qty.	Order No.
APGTB 1.5 2T 4C/2	50	2485840000
APGTB 1.5 2T 4C/2 BL	50	2485850000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

APGTB 1.5 2T VL 4C/2 — 1.5 mm²



3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



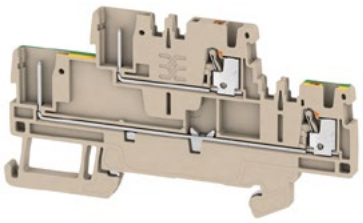
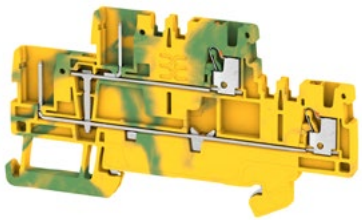
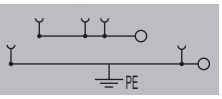
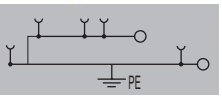
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T VL 4C/2	50	2485920000
APGTB 1.5 2T VL 4C/2 BL	50	2485930000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

	APGTB 1.5 2T FT PE 4C/2	1.5 mm²	APGTB 1.5 2T PE 4C/2	1.5 mm²
				
Width/Height/Depth mm	3.5 x 84.5 x 45		3.5 x 84.5 x 45	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**/ 1.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...1.5**	

Technical data

Rated data					In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-2			
			IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V		500	300	300		500	300	300	
Rated current	A		17.5	13	13					
for wire cross-section	mm²		1.5	AWG 26...14	AWG 26...14		1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity				6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				A1 / V-0				A1 / V-0		
Number of operating cycles										
Approvals										
Clamped conductors			**Rated connection**				**Rated connection**			
Solid / Stranded	mm²		0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²		0.5...1.5 / 0.5...1				0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-		8 / 0.4 x 2.0 mm				8 / 0.4 x 2.0 mm			
Note										

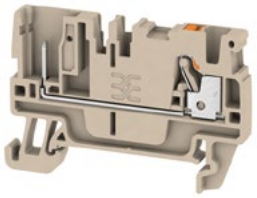
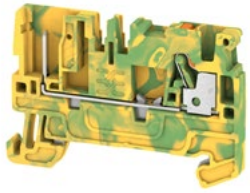
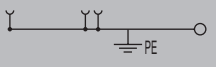
Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige						
	Blue						
	Green/yellow	APGTB 1.5 2T FT-PE 4C/2	50	**2485860000**	APGTB 1.5 2T PE 4C/2	50	**2485870000**
Note							

Accessories

Plug-in cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
	2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**	ZQV 1.5N/2	17.5 A	60	**1985410000**
	10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate									
	dark beige	AEP 2T 1.5		20	**2469420000**	AEP 2T 1.5		20	**2469420000**
	Blue	AEP 2T 1.5 BL		20	**2471470000**				
End bracket									
	dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Plug									
		APG 1.5/1	17.5 A	50	**2482340000**	APG 1.5/1	17.5 A	50	**2482340000**
		APG 1.5/10	17.5 A	20	**2482430000**	APG 1.5/10	17.5 A	20	**2482430000**
		APG 1.5 MI	17.5 A	50	**2482280000**	APG 1.5 MI	17.5 A	50	**2482280000**
		APG 1.5 L	17.5 A	50	**2482250000**	APG 1.5 L	17.5 A	50	**2482250000**
		APG 1.5 R	17.5 A	50	**2482310000**	APG 1.5 R	17.5 A	50	**2482310000**
Screwdriver									
	Standard	SDS 0.4X2.0X60		1	**2749260000**	SDS 0.4X2.0X60		1	**2749260000**
Marking tags									
		WS 10/3.5 PLUS MC NE WS		960	**2003760000**	WS 10/3.5 PLUS MC NE WS		960	**2003760000**
		DEK 5/3.5 MM WS		1000	**2007100000**	DEK 5/3.5 MM WS		1000	**2007100000**
		DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
		SNAPMARK 1.5		40	**2682080000**	SNAPMARK 1.5		40	**2682080000**

For detailed information on other accessories and application in the online catalogue

	APGTB 2.5 FT 2C/1	2.5 mm²	APGTB 2.5 PE 2C/1	2.5 mm²
				
Width/Height/Depth mm	5.1 x 55 x 36.5		5.1 x 54 x 36.5	
max. current / max. cond. cross-section A/mm²	24 / 4		/ 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600	600	
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600	600	
Rated current A				
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	APGTB 2.5 FT 2C/1	100	1513970000
Blue	APGTB 2.5 FT 2C/1 BL	100	1513990000
Green/yellow			
Note			

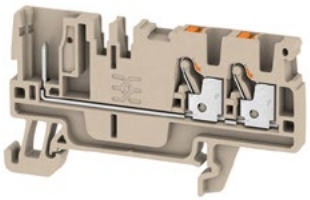
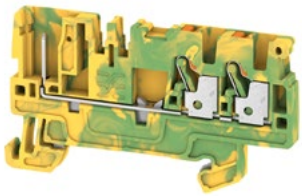
Type	Qty.	Order No.
APGTB 2.5 PE 2C/1	50	1513870000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP 2C 2.5		50	1514400000
Blue	AEP 2C 2.5 BL		50	1514420000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Plug				
	APG 2.5/1	24 A	50	1513720000
	APG 2.5/10	24 A	20	1513770000
	APG 2.5 L	24 A	50	1513830000
	APG 2.5 MI	24 A	50	1513880000
	APG 2.5 R	24 A	50	1513940000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

	APGTB 2.5 FT 3C/1	2.5 mm²	APGTB 2.5 PE 3C/1	2.5 mm²
				
Width/Height/Depth mm	5.1 x 66.5 x 36.5		5.1 x 66.5 x 36.5	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**/ 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600	600	
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600	600	
Rated current A				
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	APGTB 2.5 FT 3C/1	50	**1514000000**
Blue	APGTB 2.5 FT 3C/1 BL	50	**1514020000**
Green/yellow			

Type	Qty.	Order No.
APGTB 2.5 PE 3C/1	50	**1513890000**

Note

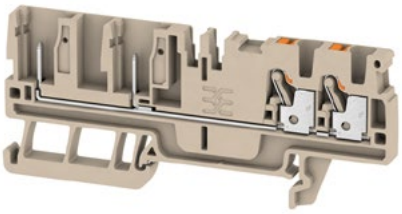
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP 3C 2.5		50	**1521510000**
Blue	AEP 3C 2.5 BL		50	**1521520000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Plug				
	APG 2.5/1	24 A	50	**1513720000**
	APG 2.5/10	24 A	20	**1513770000**
	APG 2.5 L	24 A	50	**1513830000**
	APG 2.5 MI	24 A	50	**1513880000**
	APG 2.5 R	24 A	50	**1513940000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP 3C 2.5		50	**1521510000**
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Plug				
	APG 2.5/1	24 A	50	**1513720000**
	APG 2.5/10	24 A	20	**1513770000**
	APG 2.5 L	24 A	50	**1513830000**
	APG 2.5 MI	24 A	50	**1513880000**
	APG 2.5 R	24 A	50	**1513940000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

APGTB 2.5 FT 4C/2 — 2.5 mm²



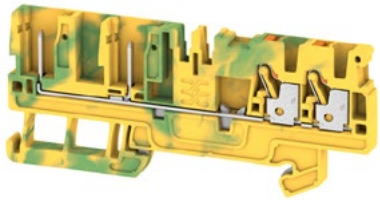
5.1 x 87 x 36.5
24 / 4
0.14...4

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
APGTB 2.5 FT 4C/2		50	1514030000
APGTB 2.5 FT 4C/2 BL		50	1514040000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP PGTB 2.5 4C/2		50	1514450000
AEP PGTB 2.5 4C/2 BL		50	1514470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

APGTB 2.5 PE 4C/2 — 2.5 mm²



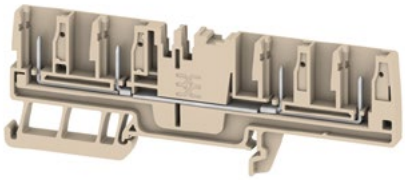
5.1 x 87 x 36.5
/ 4
0.14...4

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
APGTB 2.5 PE 4C/2		50	1513920000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP PGTB 2.5 4C/2		50	1514450000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

APGTB 2.5 FT 4C/4 — 2.5 mm²

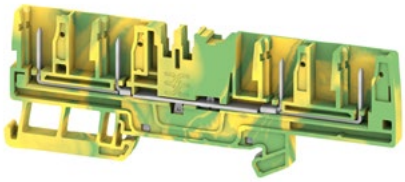
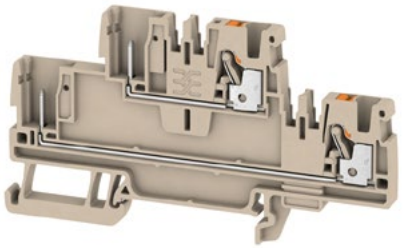
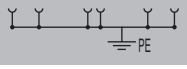
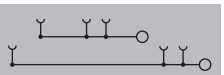


5.1 x 87 x 36.5
24 / 2.5
0.5...2.5

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 28...12		
	8 kV / 3		
	/ V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5

Type		Qty.	Order No.
APGTB 2.5 FT 4C/4		100	2898150000
APGTB 2.5 FT 4C/4 BL		100	2898160000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP PGTB 2.5 4C/4		20	2898190000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

	APGTB 2.5 PE 4C/4	2.5 mm²	APGTB 2.5 2T 4C/2	2.5 mm²
				
Width/Height/Depth mm	5.1 x 87 x 36.5		5.1 x 91 x 50.5	
max. current / max. cond. cross-section A/mm²	24 / 2.5		24 / 4	
Max. clamping range mm²	0.5...2.5		0.14...4	

Technical data

Rated data						In accordance with IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600				800	600		
Rated current A	24					24	20		
for wire cross-section mm²	2.5	AWG 28...12				2.5	AWG 28...12		
Rated impulse withstand voltage / Pollution severity			8 kV / 3					8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0					A3 / V-0	
Number of operating cycles									
Approvals									
Clamped conductors									
Solid / Stranded mm²	0.5...2.5 / 0.5...4					0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule -	2.5					0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	6 /					10 / 0.6 x 3.5 mm			
Note									

Ordering data

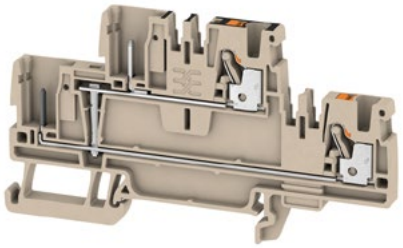
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	APGTB 2.5 PE 4C/4	50	2898170000	APGTB 2.5 2T 4C/2	50	1548060000
Blue				APGTB 2.5 2T 4C/2 BL	50	1548070000
Green/yellow						
Note						

Accessories

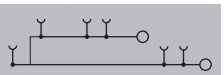
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	AEP PGTB 2.5 4C/4		20	2898190000	AEP 2T 2.5		20	1547690000
blue					AEP 2T 2.5 BL		20	1547700000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 2.5/1	24 A	50	1513720000	APG 2.5/1	24 A	50	1513720000
	APG 2.5/10	24 A	20	1513770000	APG 2.5/10	24 A	20	1513770000
	APG 2.5 L	24 A	50	1513830000	APG 2.5 L	24 A	50	1513830000
	APG 2.5 MI	24 A	50	1513880000	APG 2.5 MI	24 A	50	1513880000
	APG 2.5 R	24 A	50	1513940000	APG 2.5 R	24 A	50	1513940000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
					WS 10/5 M PLUS MC NE WS		600	2003770000
					SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

APGTB 2.5 2T VL 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

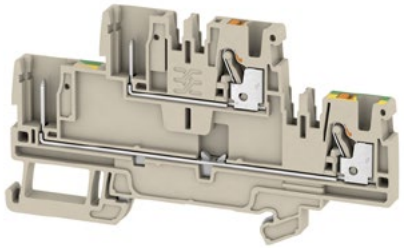
IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

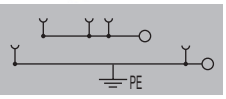
Type	Qty.	Order No.
APGTB 2.5 2T VL 4C/2	50	1548140000
APGTB 2.5 2T VL 4C/2 BL	50	1548150000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

APGTB 2.5 2T FT-PE 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

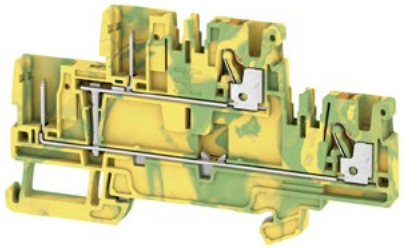
IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

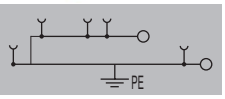
Type	Qty.	Order No.
APGTB 2.5 2T FT-PE 4C/2	50	1548130000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

APGTB 2.5 2T PE 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
/ 4
0.14...4

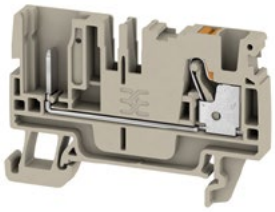
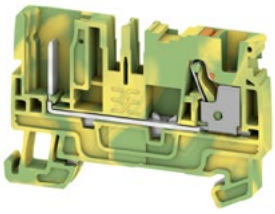
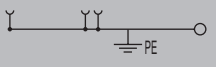


IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

	APGTB 4 FT 2C/1	4 mm²	APGTB 4 PE 2C/1	4 mm²
				
Width/Height/Depth mm	6.1 x 59.5 x 39.5		6.1 x 59.5 x 39.5	
max. current / max. cond. cross-section A/mm²	32 / 6		/ 6	
Max. clamping range mm²	0.14...6		0.14...6	

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600	600	
Rated current A	32	30	30	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Number of operating cycles				
Approvals				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600	600	
Rated current A				
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

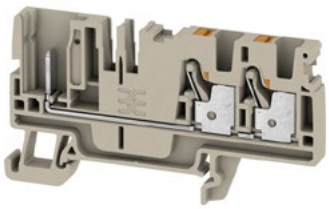
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	APGTB 4 FT 2C/1	100	2540050000			
Blue	APGTB 4 FT 2C/1 BL	100	2540060000			
Green/yellow				APGTB 4 PE 2C/1	50	2540110000
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	AEP 2C 4		50	2051680000	AEP 2C 4		50	2051680000
Blue	AEP 2C 4 BL		50	2051690000	AEP 2C 4 BL		50	2051690000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 4/1	32 A	50	2540460000	APG 4/1	32 A	50	2540460000
	APG 4/10	32 A	20	2540550000	APG 4/10	32 A	20	2540550000
	APG 4 MI	32 A	50	2540580000	APG 4 MI	32 A	50	2540580000
	APG 4 L	32 A	50	2540360000	APG 4 L	32 A	50	2540360000
	APG 4 R	32 A	50	2540610000	APG 4 R	32 A	50	2540610000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	2003780000	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000

For detailed information on other accessories and application in the online catalogue

APGTB 4 FT 3C/1 — 4 mm²



6.1 x 72 x 39.5
32 / 6
0.14...6

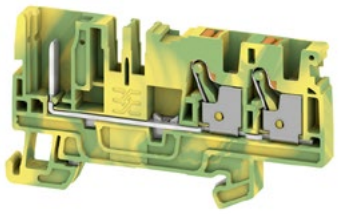
IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

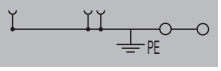
Type	Qty.	Order No.
APGTB 4 FT 3C/1	50	2540070000
APGTB 4 FT 3C/1 BL	50	2540080000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 3C 4		20	2051720000
AEP 3C 4 BL		20	2051880000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

APGTB 4 PE 3C/1 — 4 mm²



6.1 x 72 x 39.5
/ 6
0.14...6



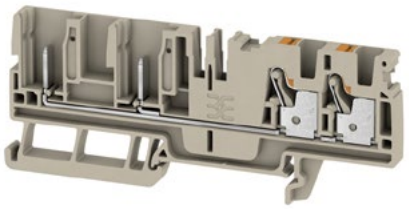
IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

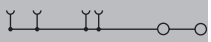
Type	Qty.	Order No.
APGTB 4 PE 3C/1	50	2540170000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 3C 4		20	2051720000
AEP 3C 4 BL		20	2051880000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

APGTB 4 FT 4C/2 — 4 mm²



6.1 x 98 x 39.5
32 / 6
0.14...6

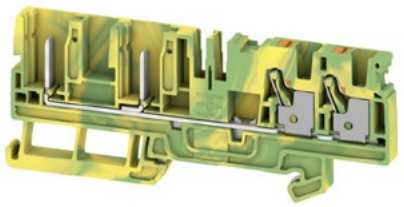
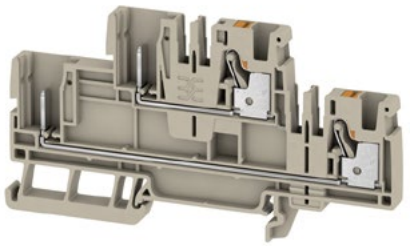
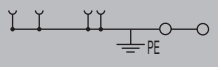


IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 FT 4C/2	50	2540090000
APGTB 4 FT 4C/2 BL	50	2540100000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP PGTB 4 4C/2		20	2540210000
AEP PGTB 4 4C/2 BL		20	2540280000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	APGTB 4 PE 4C/2	4 mm²	APGTB 4 2T 4C/2	4 mm²
				
Width/Height/Depth mm	6.1 x 98 x 39.5		6.1 x 100 x 53.5	
max. current / max. cond. cross-section -/mm²	/ 6		32 / 6	
Max. clamping range mm²	0.14...6		0.14...6	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	800	600	600	
Rated current	A				
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Number of operating cycles					
Approvals					

In accordance with IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	800	600	600	
Rated current	A	32	30	30	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Number of operating cycles					
Approvals					

Clamped conductors		Rated connection	Rated connection
Solid / Stranded	mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note			

Ordering data

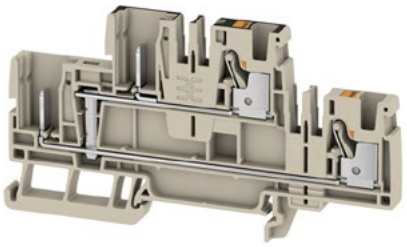
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige				APGTB 4 2T 4C/2	50	2540230000
Blue				APGTB 4 2T 4C/2 BL	50	2540250000
Green/yellow	APGTB 4 PE 4C/2	50	2540180000			
Note						

Accessories

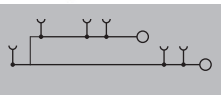
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	AEP PGTB 4 4C/2		20	2540210000	AEP 2T 4		20	2540000000
Blue	AEP PGTB 4 4C/2 BL		20	2540280000	AEP 2T 4 BL		20	2540010000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 4/1	32 A	50	2540460000	APG 4/1	32 A	50	2540460000
	APG 4/10	32 A	20	2540550000	APG 4/10	32 A	20	2540550000
	APG 4 MI	32 A	50	2540580000	APG 4 MI	32 A	50	2540580000
	APG 4 L	32 A	50	2540360000	APG 4 L	32 A	50	2540360000
	APG 4 R	32 A	50	2540610000	APG 4 R	32 A	50	2540610000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	2003780000	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000
					SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

APGTB 4 2T VL 4C/2 — 4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

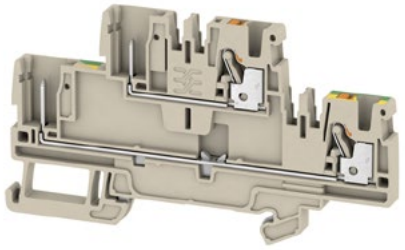
IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

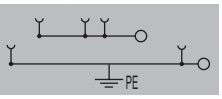
Type	Qty.	Order No.
APGTB 4 2T VL 4C/2	50	2540260000
APGTB 4 2T VL 4C/2 BL	50	2540270000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000
SNAPMARK I		50	1805880000

APGTB 4 2T FT-PE 4C/2 — 4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

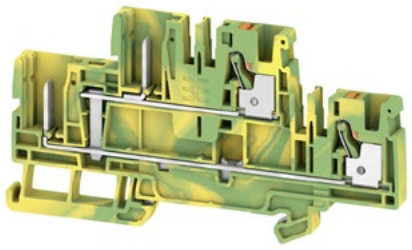
IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

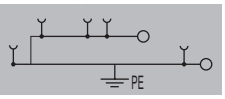
Type	Qty.	Order No.
APGTB 4 2T FT-PE 4C/2	50	2540290000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000
SNAPMARK I		50	1805880000

APGTB 4 2T PE 4C/2 — 4 mm²



6.1 x 100 x 53.5
/ 6
0.14...6

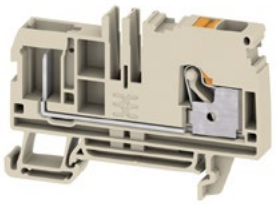
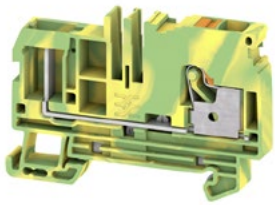
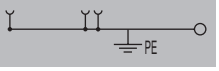


IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T PE 4C/2	50	2540300000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000
SNAPMARK I		50	1805880000

	APGTB 6 FT 2C/1	6 mm²	APGTB 6 PE 2C/1	6 mm²
				
Width/Height/Depth mm	6.1 x 66.5 x 45.5		6.1 x 66.5 x 45.5	
max. current / max. cond. cross-section A/mm²	**41 / 10**		**41 / 10**	
Max. clamping range mm²	**0.34...10**		**0.34...10**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800	600			800			
Rated current A	41	37						
for wire cross-section mm²	6	AWG 22...8			6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0				A5 / V-0	
Number of operating cycles								
Approvals								
Clamped conductors								
Solid / Stranded mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
Note								

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	APGTB 6 FT 2C/1	50	**3002280000**			
Green/yellow				APGTB 6 PE 2C/1	50	**3002340000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	AEP 2C 6		50	**1991970000**	AEP 2C 6		50	**1991970000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Plug								
1-pole	APG 6/1	30 A	50	**2762320000**	APG 6/1	30 A	50	**2762320000**
	APG 6/10	30 A	10	**2829070000**	APG 6/10	30 A	10	**2829070000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK-A 5/8 MM WS		500	**2448860000**	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

		APG 1.5...	1.5 mm²	APG 2.5...	2.5 mm²
Width/Height/Depth	mm	3.5 x 14 x 31.15		5.1 x 16.5 x 42.5	
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**		**24 / 2.5**	
Max. clamping range	mm²	**0.14...1.5**		**0.14...2.5**	

Technical data

Rated data		In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300		800	600	600	
Max. voltage of clamp support & pluggable system	-								
Rated current	A	17.5	13	13		24	20	20	
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14		2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0				A3 / V-0		
Approvals									
Clamped conductors		**Rated connection**		**Plug-in connection**		**Rated connection**		**Plug-in connection**	
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1				0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	1-pole	APG 1.5/1	50	**2482340000**	APG 2.5/1	50	**1513720000**
	2-pole	APG 1.5/2	25	**2482350000**	APG 2.5/2	25	**1513640000**
	3-pole	APG 1.5/3	25	**2482360000**	APG 2.5/3	25	**1513650000**
	4-pole	APG 1.5/4	25	**2482370000**	APG 2.5/4	25	**1513670000**
	5-pole	APG 1.5/5	25	**2482380000**	APG 2.5/5	25	**1513680000**
	6-pole	APG 1.5/6	25	**2482390000**	APG 2.5/6	25	**1513690000**
	7-pole	APG 1.5/7	25	**2482400000**	APG 2.5/7	25	**1513700000**
	8-pole	APG 1.5/8	20	**2482410000**	APG 2.5/8	20	**1513730000**
	9-pole	APG 1.5/9	20	**2482420000**	APG 2.5/9	20	**1513740000**
	10-pole	APG 1.5/10	20	**2482430000**	APG 2.5/10	20	**1513770000**
	4-poles/3x beige, 1x green						
	3-poles/1xbeige, 1x blue, 1x green	APG 1.5/3-BG-BL-GN	25	**2482460000**	APG 2.5/3-BG-BL-GN	25	**1513820000**
	5-poles/3xbeige, 1x blue, 1x green	APG 1.5/5-3BG-BL-GN	25	**2482440000**	APG 2.5/5-3BG-BL-GN	25	**1513780000**
Note							

Accessories

		Type	Qty.	Order No.	Type	Qty.	Order No.
End plate	dark beige	MCV APG 1.5	50	**2485980000**	MCV APG 2.5	50	**2035590000**
Coding							
		APGCE	50	**1514490000**	APGCE	50	**1514490000**
Cover							
		APGPC 1.5	50	**2482530000**	APGPC 2.5	50	**1514500000**
Interlock							
		APGLE 1.5	25	**2482720000**	APGLE 2.5/4	25	**2457570000**
Strain relief							
		APGSR 1.5	25	**2482730000**	APGSR 2.5/4	25	**2457580000**
		APGSR 1.5 - 4P	25	**2482740000**	APGSR 2.5/4 - 4P	25	**2457590000**
		APGSR 1.5 - 8P	25	**2482750000**	APGSR 2.5/4 - 8P	25	**2457600000**
Marking tags							
		WS 10/3.5 PLUS MC NE WS	960	**2003760000**	DEK 5/5 PLUS MC NE WS	1000	**1854490000**
		DEK 5/3.5 MM WS	1000	**2007100000**	WS 8/5 MM WS	800	**2007150000**
		DEK 5/3.5 PLUS MC NE WS	1600	**2003750000**			
					WS 10/5 M MC NE WS	720	**1792000000**

For detailed information on other accessories and application in the online catalogue

APG 4... — 4 mm²

6.1 x 19 x 50.95
32 / 4
0.14...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
APG 4/1	50	2540460000
APG 4/2	25	2540470000
APG 4/3	25	2540480000
APG 4/4	25	2540490000
APG 4/5	25	2540500000
APG 4/6	25	2540510000
APG 4/7	25	2540520000
APG 4/8	20	2540530000
APG 4/9	20	2540540000
APG 4/10	20	2540550000
APG 4/4-3BG-GN	25	2540440000
APG 4/3-BG-BL-GN	25	2540450000
APG 4/5-3BG-BL-GN	25	2540430000

Type	Qty.	Order No.
MCV APG 4	50	2540800000
APGCE	50	1514490000
APGPC 4	50	2540960000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
WS 10/6 M MC NE WS	600	1818400000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 8/6 MM WS	600	2007160000

APG 6... — 6 mm²

8.1 x 24.3 x 51
3 / 6
0.5...6

In accordance with IEC 60947-7-1

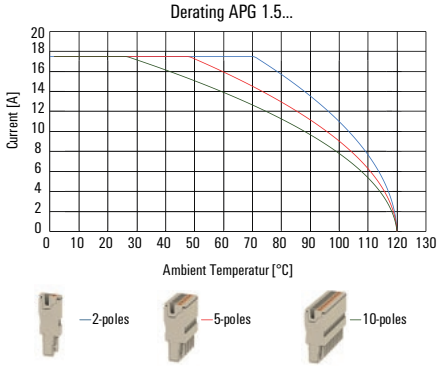
IEC	UL	CSA	EN 60079-7
500	600	300	
30	37	29	
6	AWG 22...8	AWG 22...8	
	8 kV / 3		
	A5 / V-0		

Rated connection	Plug-in connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
12 / 1.0 x 5.5 mm	

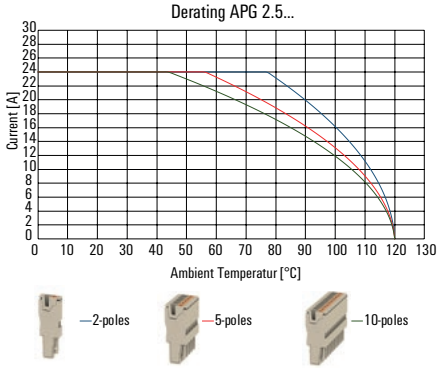
Type	Qty.	Order No.
APG 6/1	50	2762320000
APG 6/2	25	2882750000
APG 6/3	25	2882690000
APG 6/4	25	2829060000
APG 6/5	25	2882700000
APG 6/6	25	2882710000
APG 6/7	20	2882720000
APG 6/8	20	2882730000
APG 6/9	10	2882740000
APG 6/10	10	2829070000

Type	Qty.	Order No.
APGCE	50	1514490000
APGPC 6	20	2762410000
APGLE 6	20	2762400000
APGSR 6	20	2762390000
DEK 5/8 MC NE WS	800	1856740000

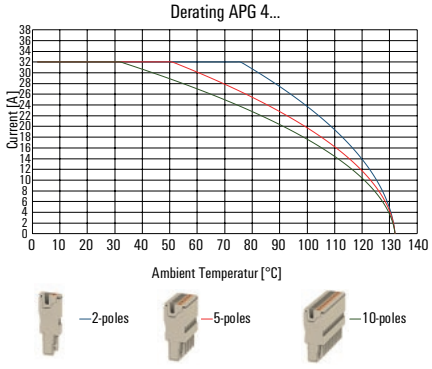
Derating APG 1.5...



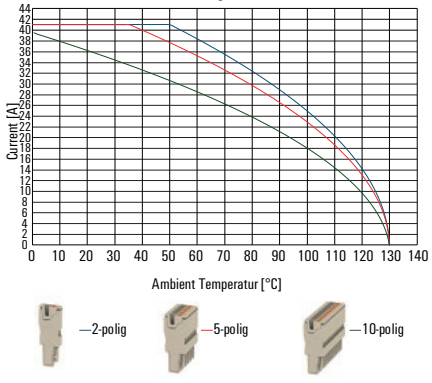
Derating APG 2.5...

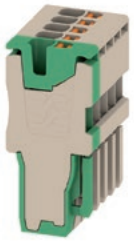
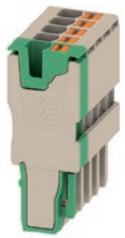


Derating APG 4...



Derating APG 6...



	APG 1.5...	1.5 mm²	APG 2.5...	2.5 mm²
				
Width/Height/Depth mm	35 x 14 x 31.15		51 x 42.5 x 16.5	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**24 / 2.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...2.5**	

Technical data

Rated data	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	500				800			
Max. voltage of clamp support & pluggable system -								
Rated current A	17.5				24			
for wire cross-section mm²	1.5				2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0				A3 / V-0	
Approvals								

Clamped conductors	**Rated connection**	**Plug-in connection**			**Rated connection**	**Plug-in connection**
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.4 x 2.0 mm				10 / 0.6 x 3.5 mm	
Note						

Ordering data

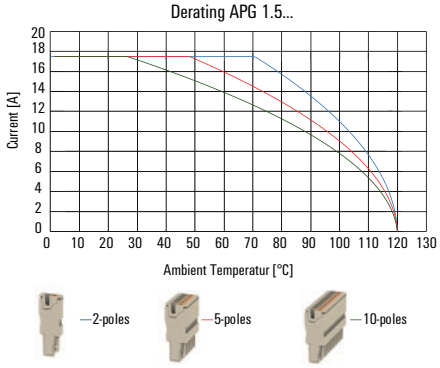
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
1-pole						
3-poles/2x beige, 1x green	APG 1.5/3-2BG-GN	25	**2719740000**	APG 2.5/3-2BG-GN	25	**2712740000**
4-poles/3x beige, 1x green	APG 1.5/4-3BG-GN	25	**2482450000**	APG 2.5/4-3BG-GN	25	**1513790000**
5-poles/4x beige, 1x green	APG 1.5/5-4BG-GN	25	**2719770000**	APG 2.5/5-4BG-GN	25	**2712760000**
6-poles/5x beige, 1x green	APG 1.5/6-5BG-GN	25	**2719780000**	APG 2.5/6-5BG-GN	25	**2712770000**
7-poles/6x beige, 1x green	APG 1.5/7-6BG-GN	25	**2719800000**	APG 2.5/7-6BG-GN	25	**2712780000**
8-poles/7x beige, 1x green	APG 1.5/8-7BG-GN	20	**2719810000**	APG 2.5/8-7BG-GN	20	**2712790000**
9-poles/8x beige, 1x green	APG 1.5/10-9BG-GN	20	**2719830000**	APG 2.5/10-9BG-GN	20	**2712810000**
Note						

Accessories

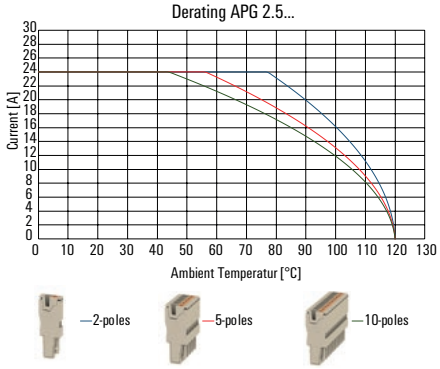
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
End plate	MCV APG 1.5	50	**2485980000**	MCV APG 2.5	50	**2035590000**
dark beige						
Coding	APGCE	50	**1514490000**	APGCE	50	**1514490000**
Cover	APGPC 1.5	50	**2482530000**	APGPC 2.5	50	**1514500000**
Interlock	APGLE 1.5	25	**2482720000**	APGLE 2.5/4	25	**2457570000**
Strain relief	APGSR 1.5	25	**2482730000**	APGSR 2.5/4	25	**2457580000**
	APGSR 1.5 - 4P	25	**2482740000**	APGSR 2.5/4 - 4P	25	**2457590000**
	APGSR 1.5 - 8P	25	**2482750000**	APGSR 2.5/4 - 8P	25	**2457600000**
Marking tags	WS 10/3.5 PLUS MC NE WS	960	**2003760000**	DEK 5/5 PLUS MC NE WS	1000	**1854490000**
	DEK 5/3.5 MM WS	1000	**2007100000**	WS 8/5 MM WS	800	**2007150000**
	DEK 5/3.5 PLUS MC NE WS	1600	**2003750000**			
				WS 10/5 M MC NE WS	720	**1792000000**

For detailed information on other accessories and application in the online catalogue

Derating APG 1.5...

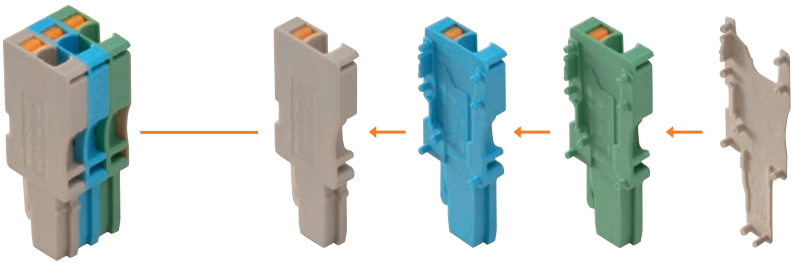


Derating APG 2.5...



Single plates for individual assembly

The individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).



complete pole number n=3 | 1x Start plate APG .. L | 1x Middle plate APG .. MI | 1x End plate APG .. R | 1x Cover MCV APG

Plug

- Single plates, plug APG 1.5 L
- Marking option

APG 1.5

Ordering data	Type	Qty.	Order No.
Single plates			
Start plate	APG 1.5 L	50	**2482250000**
	APG 1.5 L BL	50	**2482260000**
	APG 1.5 L GN	50	**2482270000**
Middle plate	APG 1.5 MI	50	**2482280000**
	APG 1.5 MI BL	50	**2482290000**
	APG 1.5 MI GN	50	**2482300000**
End plate	APG 1.5 R	50	**2482310000**
	APG 1.5 R BL	50	**2482320000**
(8)			
(9)	APG 1.5 R GN	50	**2482330000**
Cover	MCV APG 1.5	50	**2485980000**
Note			

APG 2.5

Type	Qty.	Order No.
APG 2.5 L	50	**1513830000**
APG 2.5 L BL	50	**1513840000**
APG 2.5 L RD		**2976160000**
APG 2.5 L GN	50	**1513850000**
APG 2.5 MI	50	**1513880000**
APG 2.5 MI BL	50	**1513900000**
APG 2.5 MI RD		**2976170000**
APG 2.5 MI GN	50	**1513930000**
APG 2.5 R	50	**1513940000**
APG 2.5 R BL	50	**1513950000**
APG 2.5 R RD		**2976180000**
APG 2.5 R GN	50	**1513980000**
MCV APG 2.5	50	**2035590000**

APG 4

Type	Qty.	Order No.
APG 4 L	50	**2540360000**
APG 4 L BL	50	**2540560000**
APG 4 L GN	50	**2540570000**
APG 4 MI	50	**2540580000**
APG 4 MI BL	50	**2540590000**
APG 4 MI GN	50	**2540600000**
APG 4 R	50	**2540610000**
APG 4 R BL	50	**2540620000**
APG 4 R GN	50	**2540630000**
MCV APG 4	50	**2540800000**

Strain relief

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

APGSR

Strain reliefs

Ordering data	Type	Qty.	Order No.
1.5 mm²	APGSR 1.5	25	**2482730000**
1.5 mm²	APGSR 1.5 - 4P	25	**2482740000**
1.5 mm²	APGSR 1.5 - 8P	25	**2482750000**
2.5 mm² / 4 mm²	APGSR 2.5/4	25	**2457580000**
2.5 mm² / 4 mm²	APGSR 2.5/4 - 4P	25	**2457590000**
2.5 mm² / 4 mm²	APGSR 2.5/4 - 8P	25	**2457600000**
6.0 mm²	APGSR 6	20	**2762390000**
Note			

Application

Protective cover

- APGPC finger guard, also protects the contact point from dirt

APGPC

Protective cover

Ordering data
1.5 mm²
2.5 mm²
4.0 mm²
6.0 mm²
Note

Type	Qty.	Order No.
APGPC 1.5	50	2482530000
APGPC 2.5	50	1514500000
APGPC 4	50	2540960000
APGPC 6	20	2762410000

Application

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

APGCE

Coding elements

Ordering data
2.5 mm²
Note

Type	Qty.	Order No.
APGCE	50	1514490000

Application

Locking elements

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

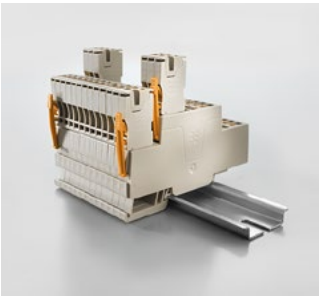
APGLE

Locking element

Ordering data
1.5 mm²
2.5 mm² / 4 mm²
6.0 mm²
Note

Type	Qty.	Order No.
APGLE 1.5	25	2482720000
APGLE 2.5/4	25	2457570000
APGLE 6	20	2762400000

Application



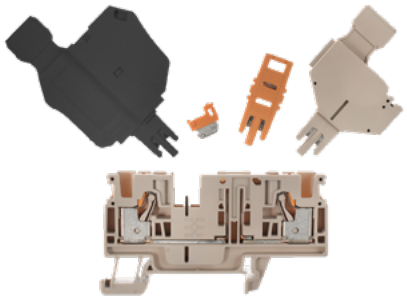
PUSH IN terminal blocks with electronic components
Klippon® Connect A2T 2.5 EM

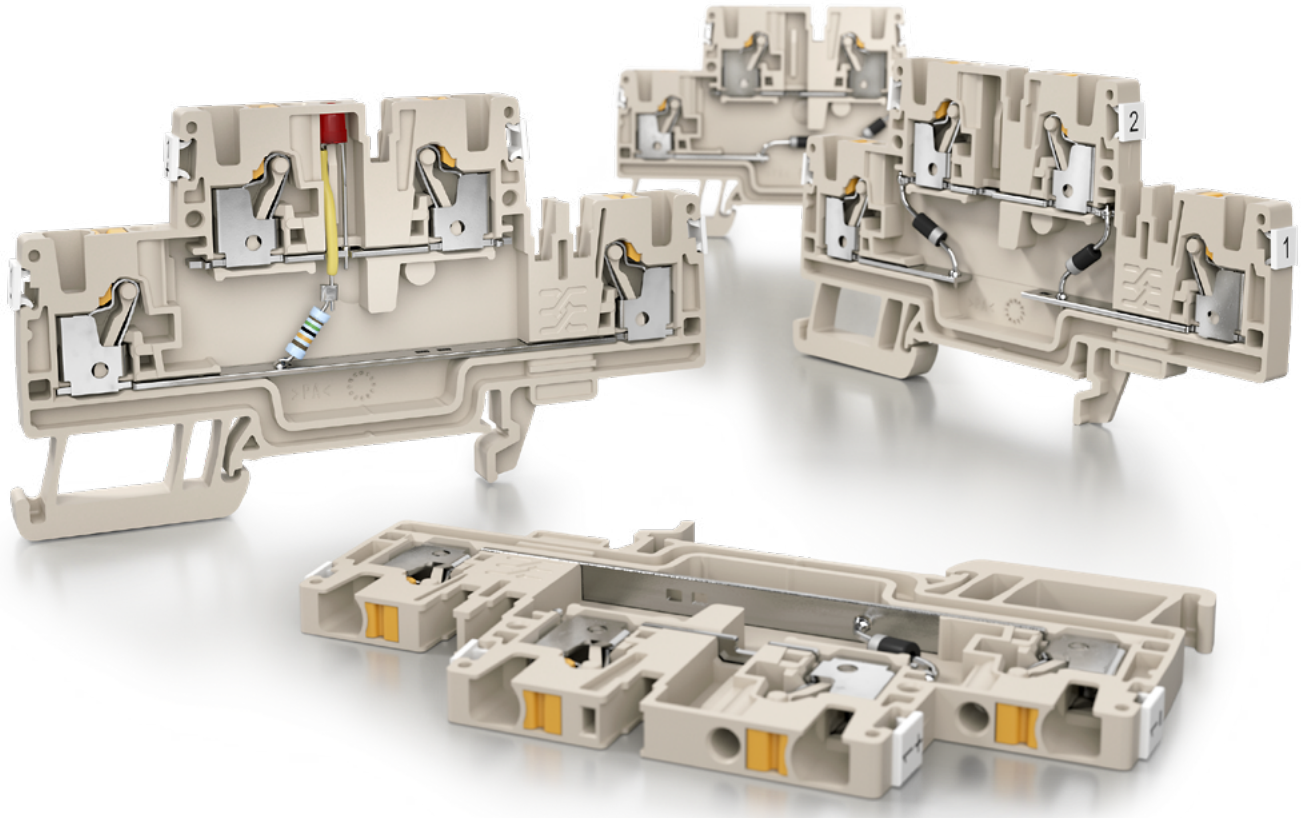
In industrial control panels, the smallest electronic components often have to be integrated to protect sensitive electronics, to connect components, to visualise operating states, and much more. Furthermore, maximum flexibility is required for the individual design of circuits.

Our terminal blocks with integrated electronic components provide a space-saving way of integrating important functions into circuits. The standard portfolio includes terminals with integrated diodes, resistors, and LEDs. In addition, specific components can be selected and soldered into the terminal body. This allows Klippon® Connect terminals with PUSH IN technology to be used extremely flexibly for a wide range of switching tasks.

Your special advantages:
- Maximum flexibility due to designs with and without integrated electronic components
- Highest security for components against voltage peaks and overvoltage
- Individual application possibilities thanks to numerous contact points for the integration of customer-specific electronic components
- Thanks to the contour uniformity, a combination with standard double level terminal blocks is possible

Alternative product solutions
The multifunctional disconnection areas allow the insertion of fuse holders (SIHA) or component plugs (BEST). This allows test-disconnect terminals to be converted to fuse terminals or to terminal blocks with electronic components.

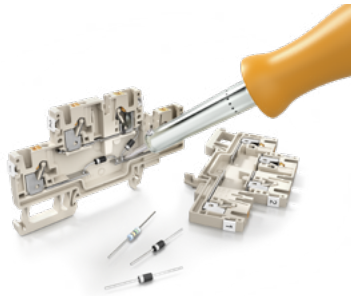


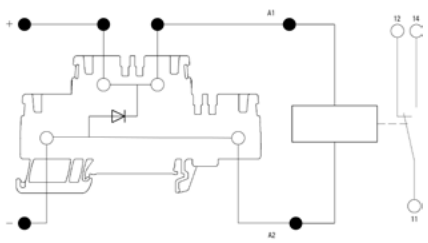


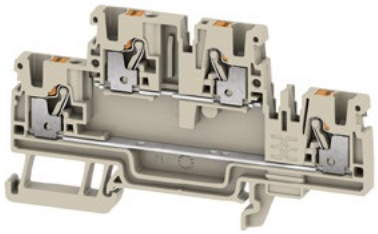
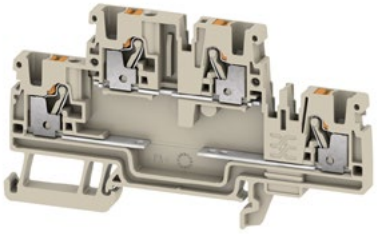
Individual application possibilities
Electronic components can be integrated into the different versions of the basic modular terminal block in accordance with the specific application. Numerous, easily accessible contact points allow the components to be soldered in.

Flexible control cabinet integration
The design of the A2T 2.5 EM has the same contours as the standard double-level terminals of the A-series. Accessories such as the end plate can be adopted and potentials can be multiplied via the cross-connection channel.

Maximum protection of components
Integrated blocking diodes protect components against reverse currents or resistances. Voltage peaks or overvoltages can thus be effectively counteracted.





	A2T 2.5 EM1 D/0	2.5 mm²	A2T 2.5 EM2 D/0	2.5 mm²
				
Width/Height/Depth mm	5.1 x 90 x 50.5		5.1 x 90 x 50.5	
max. current / max. cond. cross-section A/mm²	**10 / 4**		**0.5 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

	A2T 2.5 EM1 D/0	A2T 2.5 EM2 D/0
Rated data		
Rated voltage of feed-through terminal V	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Component 1		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		
Note		

IEC	UL	CSA	EN 60079-7
500	300		
10	10		
2.5	AWG 28...12		
	/ 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
Empty housing	A2T 2.5 EM1 D/0	50	**2704330000**
Note			

Version	Type	Qty.	Order No.
Empty housing	A2T 2.5 EM2 D/0	50	**2704360000**
Note			

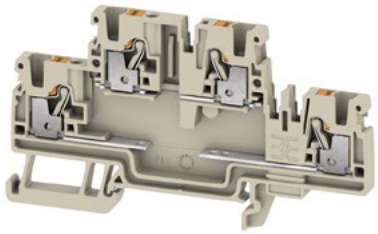
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP 2T 2.5		20	**1547690000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	SNAPMARK I		50	**1805880000**

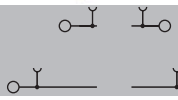
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP 2T 2.5		20	**1547690000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	SNAPMARK I		50	**1805880000**

For detailed information on other accessories and application in the online catalogue

A2T 2.5 EM3 D/0 — 2.5 mm²



5.1 x 90 x 50.5
0.5 / 4
0.14...4



In accordance with IEC 60947-7-1

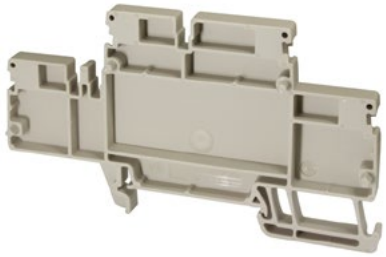
IEC	UL	CSA	EN 60079-7
500	300		
0.5	10		
2.5	AWG 28...12		
		/ 3	
		A3 / V-0	

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 EM3 D/0	50	2704340000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
SNAPMARK I		50	1805880000

ASP 2T 2.5



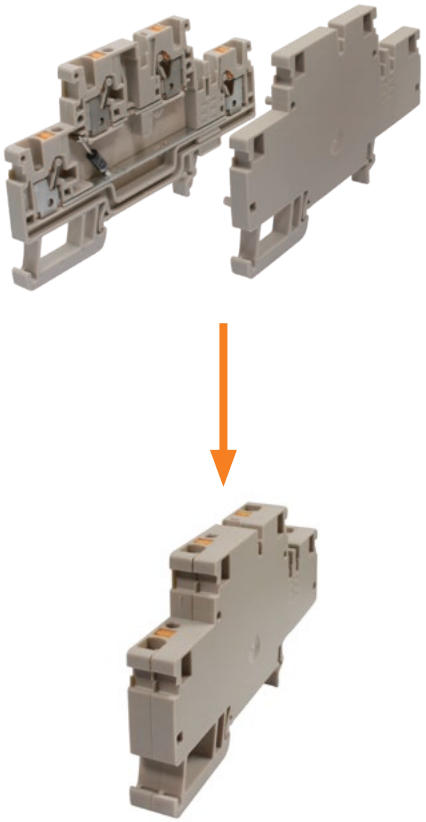
5.1 x 90 x 50.5

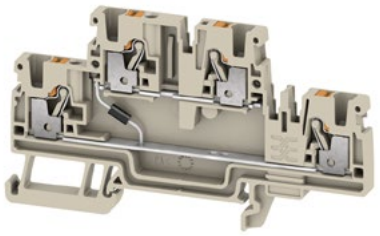
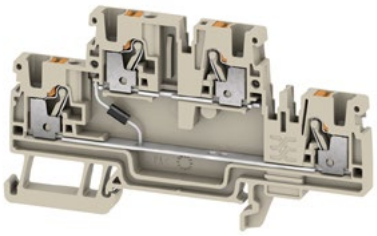
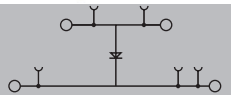
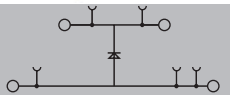
IEC	UL	CSA	EN 60079-7
		/ V-0	

Rated connection

Type	Qty.	Order No.
ASP 2T 2.5	20	2820650000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



	A2T 2.5 EM1 D/1	2.5 mm²	A2T 2.5 EM1 D/2	2.5 mm²
				
Width/Height/Depth mm	5.1 x 90 x 50.5		5.1 x 90 x 50.5	
max. current / max. cond. cross-section A/mm²	**0.5 / 4**		**0.5 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

Rated data	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1	
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal V	500	24	24		500	24	24	
Rated current A	0.5	1	1		0.5	1	1	
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12		2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity	/ 3				/ 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0				A3 / V-0			
Component 1	1 N 4007 /				1 N 4007 /			
Approvals								
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Component diode								
Type diode	1N4007				1N4007			
Forward current	1A				1A			
Reverse voltage	1300V				1300V			
Forward voltage	0.7V				0.7V			
Note								

Ordering data

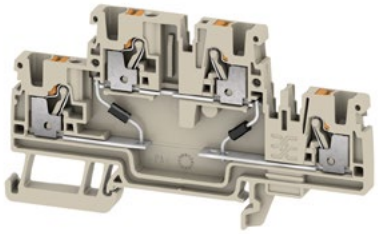
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
with 1 A diode	A2T 2.5 EM1 D/1	50	**2704370000**	A2T 2.5 EM1 D/2	50	**2704380000**
with 3 A diode	A2T 2.5 EM1 D3/1	50	**2820630000**	A2T 2.5 EM1 D3/2	50	**2820640000**
Note						

Accessories

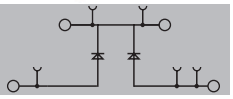
	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
dark beige	AEP 2T 2.5		20	**1547690000**	AEP 2T 2.5		20	**1547690000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	SNAPMARK I		50	**1805880000**	SNAPMARK I		50	**1805880000**

For detailed information on other accessories and application in the online catalogue

A2T 2.5 EM2 D/5 — 2.5 mm²



5.1 x 90 x 50.5
0.5 / 4
0.14...4



In accordance with IEC 60947-7-1

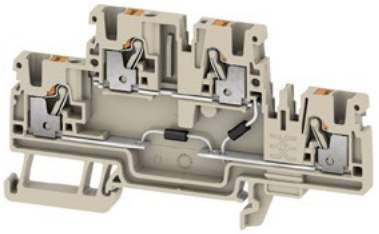
IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		
	1 N 4007 /		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

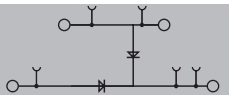
Type	Qty.	Order No.
A2T 2.5 EM2 D/5	50	**2704390000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
SNAPMARK I		50	**1805880000**

A2T 2.5 EM2 D/6 — 2.5 mm²



5.1 x 90 x 50.5
0.5 / 4
0.14...4



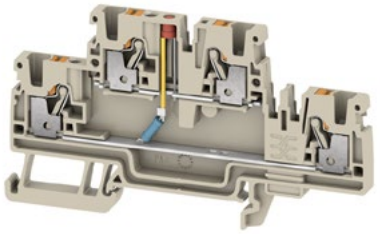
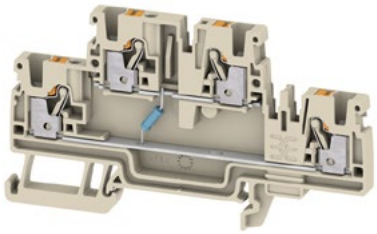
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		
	1 N 4007 /		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
A2T 2.5 EM2 D/6	50	**2704400000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
SNAPMARK I		50	**1805880000**

		A2T 2.5 EM1 24VUC LED RD/1	2.5 mm²	A2T 2.5 EM1 R	2.5 mm²
					
Width/Height/Depth	mm	5.1 x 90 x 50.5		5.1 x 90 x 50.5	
max. current / max. cond. cross-section	A/mm²	**0.02 / 4**		**1 / 4**	
Max. clamping range	mm²	**0.14...4**		**0.14...4**	

Technical data

		In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal	V	24	24	24		30			
Rated current	A	0.02	1	1		1			
for wire cross-section	mm²	2.5	AWG 28...12	AWG 28...12		2.5			
Rated impulse withstand voltage / Pollution severity		/ 3				/ 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0				A3 / V-0			
Component 1		LED red / Resistance 4.7 kΩ				Resistance /			
Approvals									
Clamped conductors									
Solid / Stranded	mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Stripping length / Blade size	mm/-	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Component LED		10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Colour		red							
Voltage, min.		6V							
Voltage, max.		24V							
Current		20mA							
Component resistor									
Resistance		4.7kΩ				1.8kΩ			
Power loss		0.4W				500mW			
Tolerance (%)		1%				1%			
Note									

Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
with LED 24 V UC	A2T 2.5 EM1 24VUC LED RD/1	50	**2704410000**			
with resistor 1.8 kΩ				A2T 2.5 EM1 R 1K8	50	**3030590000**
with resistor 2.7 kΩ				A2T 2.5 EM1 R 2K7	50	**3030600000**
with resistor 22 kΩ				A2T 2.5 EM1 R 22K	50	**3030610000**
Note						

Accessories

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
dark beige	AEP 2T 2.5		20	**1547690000**	AEP 2T 2.5		20	**1547690000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	SNAPMARK I		50	**1805880000**	SNAPMARK I		50	**1805880000**

For detailed information on other accessories and application in the online catalogue

Efficient assembly of terminal blocks

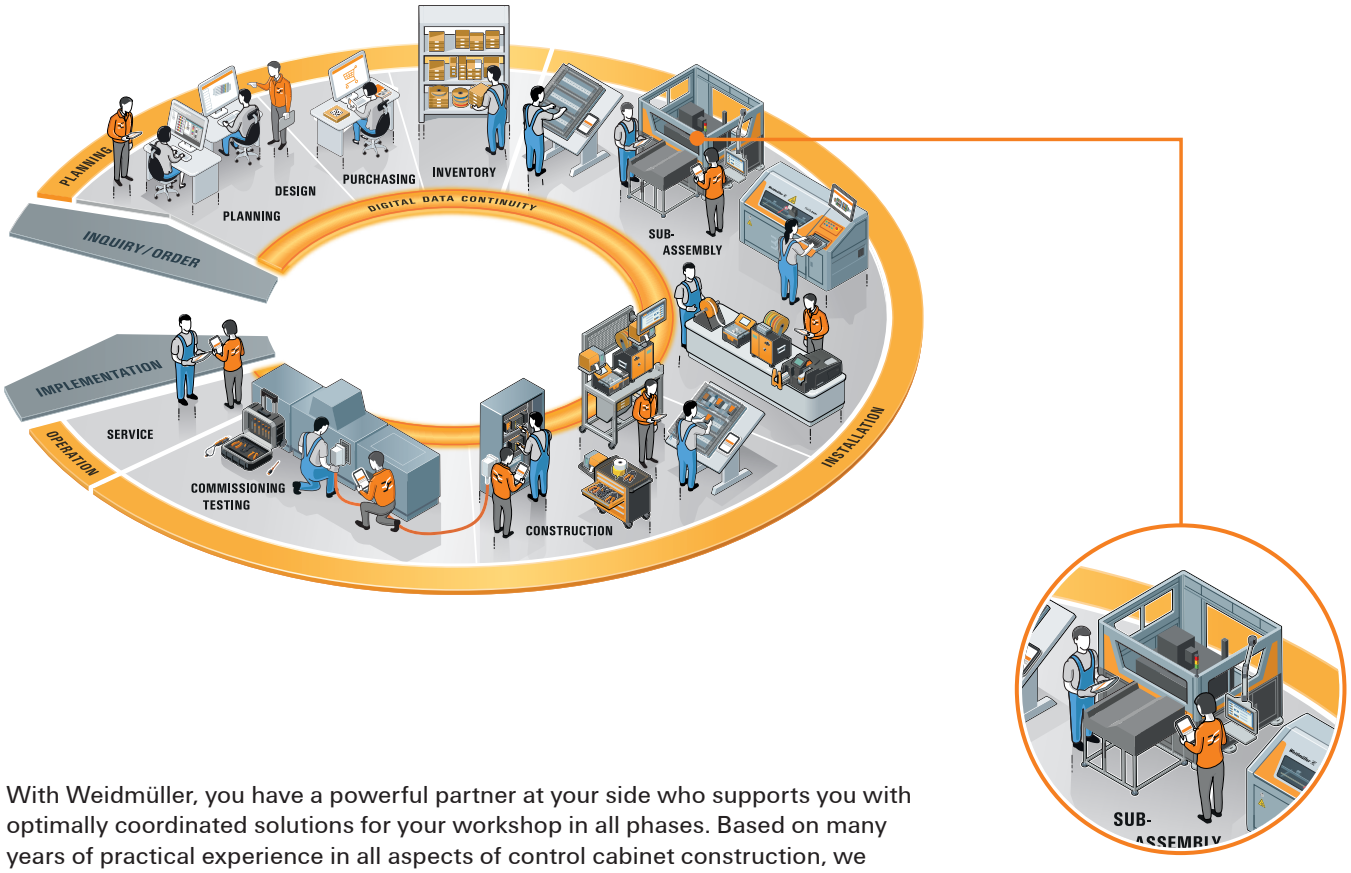
Klippon® Automated RailAssembler – effective time saving in control cabinet building

Value-added processes must be faster, more precise and more economical, especially in times of full order books and a growing lack of specialists. This particular applies to control cabinet construction. Digitalisation and automation are important factors for increasing efficiency.

The Klippon® Automated RailAssembler, in combination with the Weidmüller Configurator (WMC) software, enables the fully automatic assembly of terminal blocks. By using the automated system the commissioning, allocation and positioning of individual terminals is no longer necessary. Time savings of up to 60 % can be achieved during the assembly process – and even more when considering the unmanned operation of up to 7 hours.

Special features:

- Up to 60 % time saving in terminal block assembly (or significantly more considering the unmanned operation of up to 7 hours)
- Avoidance of incorrect assembly thanks to data consistency between eCAD programs and Weidmüller Configurator (WMC)
- Easy handling due to universal magazines

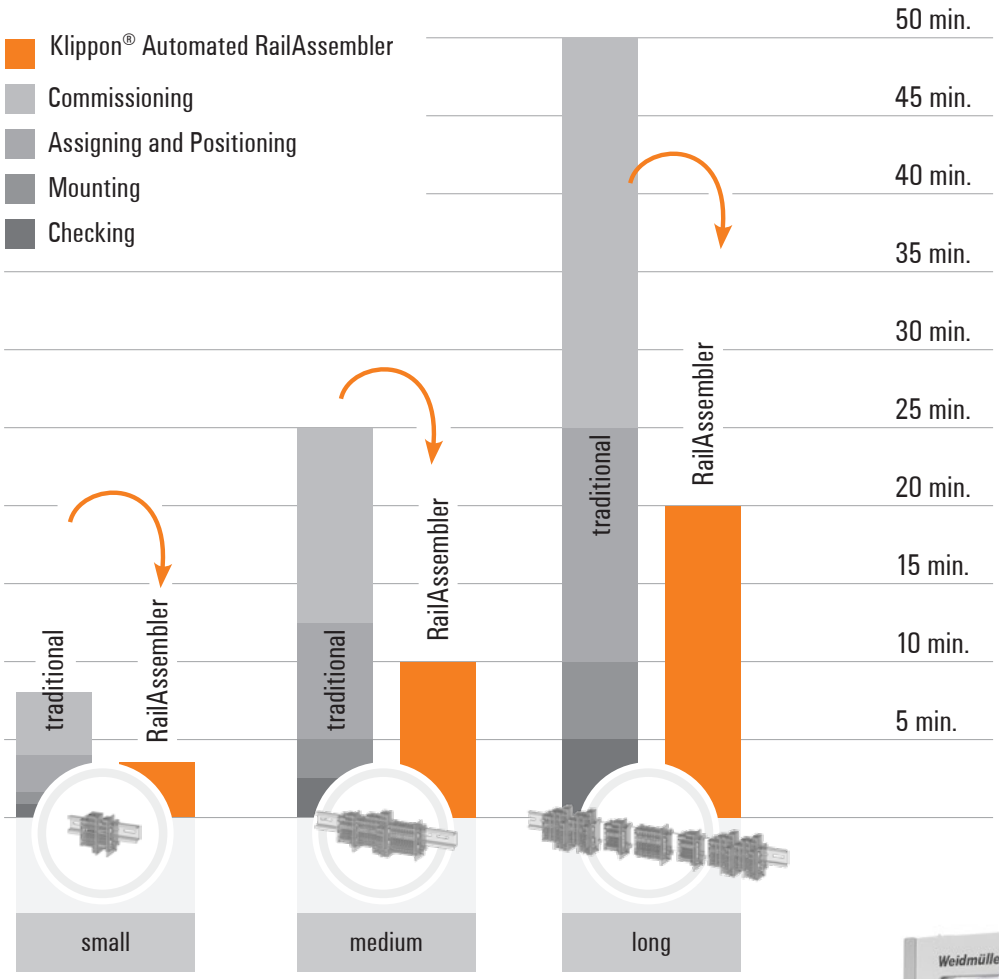


With Weidmüller, you have a powerful partner at your side who supports you with optimally coordinated solutions for your workshop in all phases. Based on many years of practical experience in all aspects of control cabinet construction, we offer you a comprehensive portfolio with which you can effectively accelerate your processes and increase your quality.

Discover your optimisation potential now:
www.weidmueller.com/workplace

* or significantly more considering the unmanned operation

With the Klippon® Automated RailAssembler the commissioning, assigning and positioning, snapping on and inspecting the individual terminal blocks are obsolete.

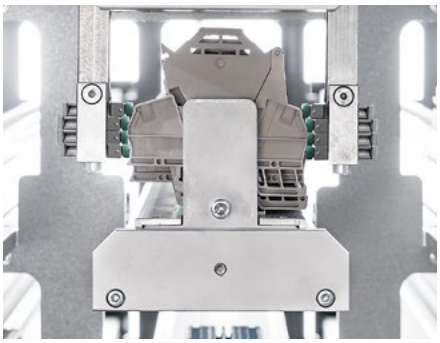


Your advantage through innovative technologies

The cost-effective system for fully automated terminal block assembly

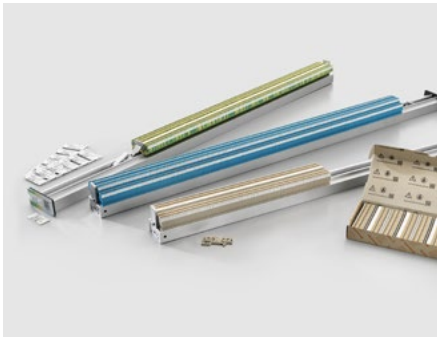
Maximum flexibility
The universal magazines can be loaded with various components due to its universal design. Hereby maximum flexibility in operation is guaranteed. The machine has a total of 48 magazine positions for components as well as 20 positions for pre cut mounting rails.

Reliable quality
A continuous use of planning data from eCAD programs is possible through the Weidmüller Configurator (WMC). Due to the omission of the manual production steps, error potentials are minimized.



Contour robust gripper
Due to the adaptive gripper even complex component geometries can be handled robustly. Thus, the application range of the machine is maximized.

Optimized handling
Due to the generous storage capacity of the magazines filling processes are reduced to a minimum while also avoiding open quantities. Furthermore, the magazines already enable a fixed hold of individual components during the loading procedure. Consequently, the components cannot fall over on the magazine.



Matching assortment
Based on the Weidmüller standard markers a suitable portfolio of the Klippon® Connect A-Series with pre-assembled markers is available. In combination with the Klippon® Automated RailLaser for fully automatic marking, the full optimization potential can be reached.

Consistent transparency
The consistent software support during all work steps assists the operator and ensuring transparency on the order status.

Technical data

Supply voltage	400V AC / 16 A / 3.25 kW
Dimensions machine (W × H × D)	2400 x 2100 x 2100 mm
Dimensions output platform (W × H × D)	2100 x 1400 x 1250 mm
Installation area (W × D)	5700 x 5700 mm
Weight	2200 + 200 kg output platform
Interfaces	USB, Ethernet
Software	Weidmüller Configurator WMC
Mounting rail length	100 -1200 mm
Component magazine positions	48
Mounting rail magazine positions	20
Compressed air supply	6 bar / 1m³/h

Ordering data

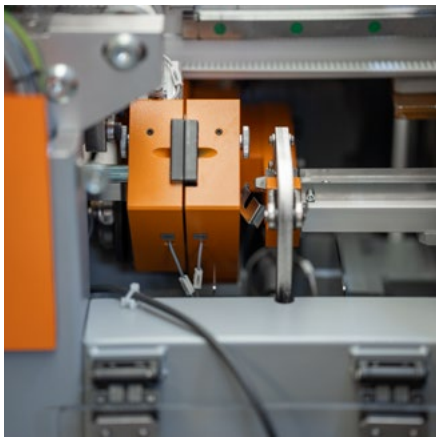
Type	Order No.
RAILASSEMBLER	2738690000

More technical details and further labelling systems can be found at our website.

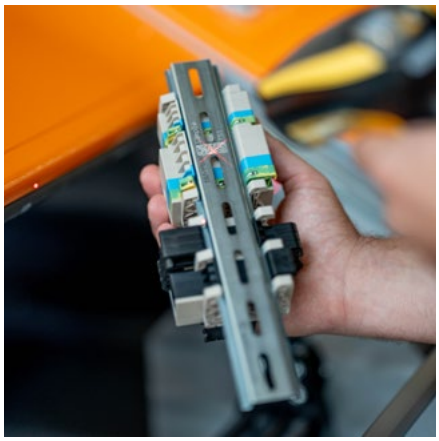
Automatically, quickly and precisely cutting of mounting rails
Klippon® Automated RailCutter

Optimal solutions for cabinet building manufacturers: With the Klippon® Automated RailCutter, time-consuming manual rail cutting is a thing of the past! This fully automatic machine cuts DIN rails with millimeter precision and, if desired, directly marks them – ensuring perfectly cut rails that fit seamlessly into the control cabinet.

The Klippon® Automated RailCutter receives all necessary data directly from the eCAD system via the Weidmüller Configurator (WMC), eliminating the need for manual operation. Each cut is executed quickly and accurately. As an extension of the Klippon® Automated RailAssembler, the RailCutter is the first and only solution for fully automated rail cutting.



Long-term Cost Efficiency
The automated rail cutting system optimizes your efficiency in a sustainable way. With a precise, electrically driven cutting mechanism, the system reduces scrap and minimizes errors.
Additionally, production volumes can be easily and flexibly scaled thanks to automation – ensuring maximum efficiency and a future-proof investment.



Maximum transparency
The RailCutter applies a precise needle embossing on the backside of each DIN rail, ensuring they are always easily identifiable. This marking not only enhances traceability but also seamlessly supports further processing, such as by the Klippon® Automated RailLaser – ensuring a continuous and transparent process chain.

Minimised set-up times
The RailCutter processes DIN rails up to 2 meters in length fully automatically, with an impressive storage capacity of up to 88 meters. Compatible with TS 35 / 7.5 and TS 35 / 15, the RailCutter ensures an efficient workflow and saves valuable setup time.

Technical data

Supply voltage	400V AC / 6A through the RailAssembler
Machine dimensions (W x H x D)	1200 x 2000 x 2423 mm
Space requirement (W*D)	2423 x 2600 mm
Weight	885 kg
Interface	USB, Ethernet
Software	Weidmüller Configurator WMC
Permitted DIN rail types	TS 35/7,5 and TS 35/15 / 2m / Steel
DIN rail capacity	88 m
Length of cuts	100–1200 mm
Compressed air supply	6 bar / 0,025 m³/h through the RailAssembler

Technical data

Type	Order No.
RAILASSEMBLER INCL. RAILCUTTER	2994740000
RAILCUTTER RETROFIT*	2994760000
RAILASSEMBLER INCL. RAILCUTTER US VERSION	2994750000
RAILCUTTER STANDALONE US VERSION	2994780000

* Retrofitting to an existing RailAssembler

More technical details and further labelling systems can be found at our website.

The perfect complement for our Klippon® Automated RailAssembler

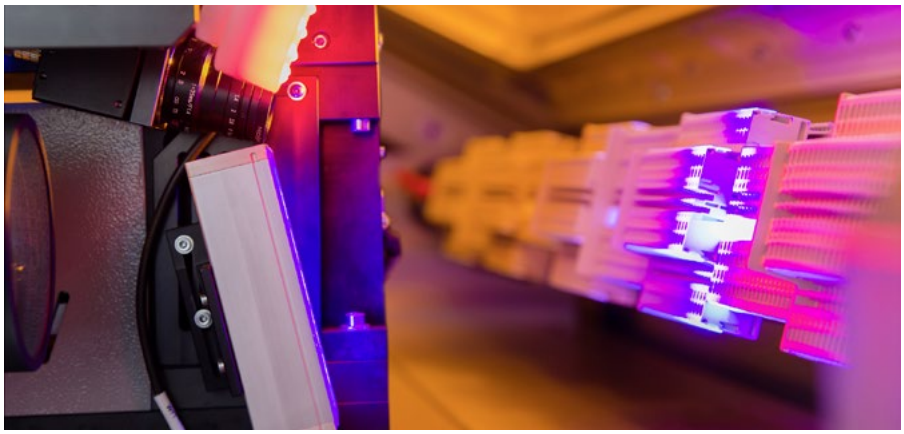
Klippon® Automated RailLaser

Time savings up to 90%

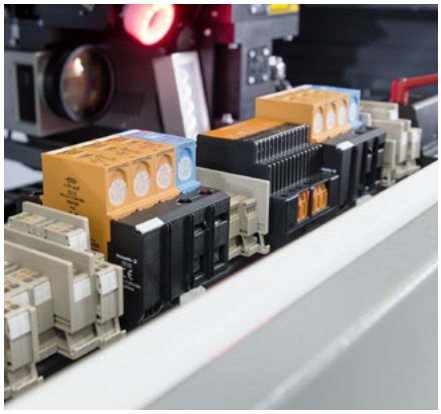
The core of the Klippon® Automated RailLaser is an image processing system that is used to measure the terminal strips before the marking process.

It determines the actual position of each marker, compares it with the theoretical position from the digital model and carries out the corresponding corrections fully automatically. This ensures a perfect marking result even in case of position deviations – e.g. because ofthermal expansion of the components or inaccurate clamp position due to manual assembly.

Innovative technologies as well as a high-quality laser source ensure fast and precise marking results on a wide variety of materials. The Klippon® Automated RailLaser can be flexibly equipped with up to 3 mounting rails with a maximum total length of 1.20 meters. With time savings of up to 90 %, labeling terminal strips reaches the next level of efficient marking.



Matching assortment



Reliable quality

Ordering data

Type	Order No.
RAILLASER	2705010000

More technical details and further labelling systems can be found in our online catalogue.

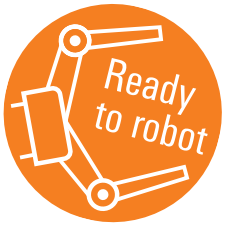
The perfect complement for our Klippon® Automated RailLaser

Terminal blocks for the direct labeling

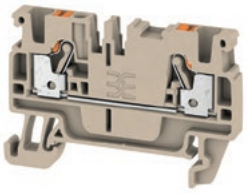
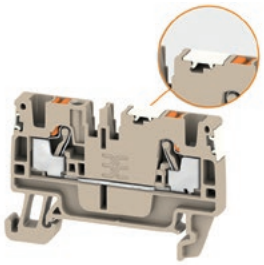
In addition to the marking process, equipping the terminal blocks with markers is also very time-consuming.

That is why we already carried out this step for you. Use our Weidmüller standard markers, which are pre-equipped with Klippon® Connect A-Series or S-Series terminal blocks. You benefit from the full optimisation potential of the Klippon® Automated RailLaser.

Our Klippon® Connect A-Series and S-Series has been designed to be ready-to-robot. Special features such as the gripper optimised outer contours ensure safe handling with a robot.



More technical details and an overview of the terminal blocks for direct labeling you can find in our web shop:
https://eshop.weidmueller.com/c/group4504319565047

	A2C 2.5	A2C 2.5 DL
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 55 x 36.5	5.1 x 55 x 36.5
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.14...4	0.14...4

Technical data

	A2C 2.5	A2C 2.5 DL
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Number of operating cycles		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		
Note		

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 2.5	100	1521850000
Blue	A2C 2.5 BL	100	1521880000
Note			

Type	Qty.	Order No.
A2C 2.5 DL	100	2674690000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP 2C 2.5		50	1514400000
Blue	AEP 2C 2.5 BL		50	1514420000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEP 2C 2.5 BL		50	1514420000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000

For detailed information on other accessories and application in the online catalogue

The perfect complement for our Klippon® Automated RailLaser

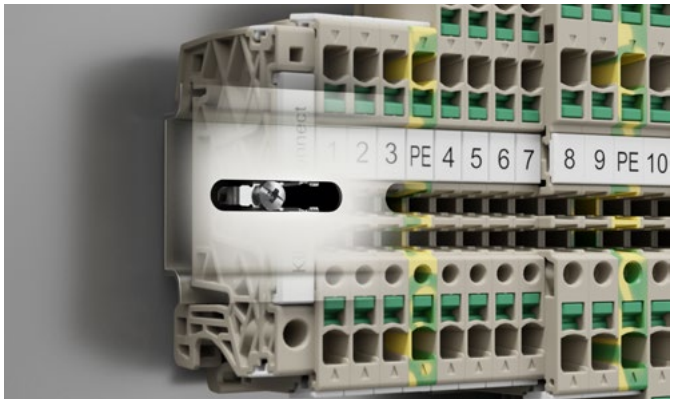
Klippon® RailSnapper for direct mounting of DIN rails

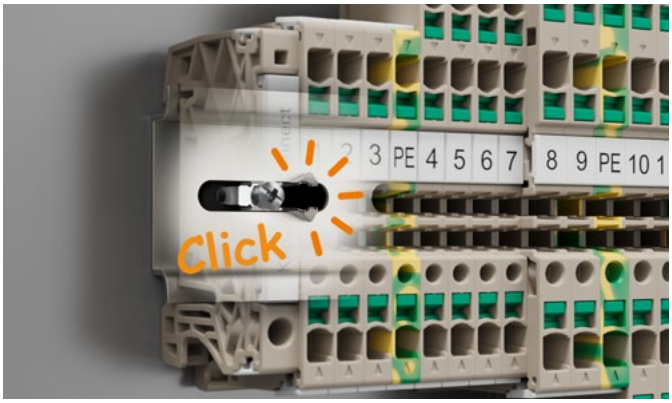
The Klippon® RailSnapper: Your key to simple and secure fastening of your DIN rail. With the clever click mechanism, which is ensured by wing screws, we offer you maximum security for DIN rail mounting.

But that's not all – our low installation height allows you to mount with components already snapped on. This allows you to use the entire length of your DIN rail without any restrictions.

No more annoying cut-outs for fixing screws and unused space on your DIN rail. With the Klippon® RailSnapper you can optimize your processes and create valuable space in your cabinet.

More technical details and further information on our Klippon® RailSnapper can be found in our online catalog:
www.weidmueller.com/railsnapper





Fast Mounting Clip

FMC 5.2/1.0 SC

FMC 5.2/1.0 BR

Technical Data

	FMC 5.2/1.0 SC	FMC 5.2/1.0 BR
Thread size	M3.5	
Hole dimension / Drill hole	2.9 mm	3.3 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Ordering data

	Type	Qty.	Order-No.	Type	Qty.	Order-No.
Variants with screw	FMC 5.2/1.0 SC	100	**2920530000**			
Variants with screw	FMC 5.2/1.5 SC	100	**2999800000**			
Variants with rivet				FMC 5.2/1.0 BR	100	**2968380000**
Variants with rivet				FMC 5.2/1.5 BR	100	**2999810000**

Integrated partition plate

APP1

Dimensions		
Width / Height / Depth	mm	2.5 / 52.67 / 36.15
Continuous operating temp., min.		-60 °C
Continuous operating temp., max.		130 °C
Material		Wemid
UL 94 flammability rating		V-0

Ordering data		
Typ	VPE	Order No.
APP 1	50	2488970000
dark beige		
matching terminals		
A2C 1.5		1552790000
A2C 1.5 PE		1552680000
APGTB 1.5 FT 2C/1		2482160000
APGTB 1.5 PE 2C/1		2482220000
A2C 2.5		1521850000
A2C 2.5 PE		1521680000
APGTB 2.5 FT 2C/1		1513970000
APGTB 2.5 PE 2C/1		1513870000

Note

APP2

		2.5 / 75.51 / 45.15
		-60 °C
		130 °C
		Wemid
		V-0

Type	Qty.	Order No.
APP 2	50	2489090000
A3C 1.5		1552740000
A3C 1.5 PE		1552670000
A4C 1.5		1552690000
A4C 1.5 PE		1552660000
APGTB 1.5 FT 3C/1		2482180000
APGTB 1.5 PE 3C/1		2482230000
ADT 2.5 2C		1989800000
A2C 2.5 /DT/FS		1989900000
A2C 2.5 PE /DT/FS		1989890000
A3C 2.5		1521740000
A3C 2.5 PE		1521670000
A4C 2.5		1521690000
A4C 2.5 PE		1521540000
APGTB 2.5 FT 3C/1		1514000000
APGTB 2.5 PE 3C/1		1513890000
AFS 2.5 CF 2C BK		2466530000
AFS 2.5 CF 2C 12V BK		2466610000
AFS 2.5 CF 2C 24V BK		2466600000
A2C 4		2051180000
A2C 4 PE		2051360000
A3C 4		2051240000
A3C 4 PE		2051410000
A4C 4		2051500000
A4C 4 PE		2051560000
ADT 4 2C		2429850000
AFS 4 2C BK		2429860000
A2C 6		1992110000
A2C 6 PE		1991810000

APP3

		2.5 / 104.2 / 45.15
		-60 °C
		130 °C
		Wemid
		V-0

Type	Qty.	Order No.
APP 3	50	2489100000
APGTB 1.5 FT 4C/2		2482200000
APGTB 1.5 PE 4C/2		2482240000
APGTB 2.5 FT 4C/2		1514030000
APGTB 2.5 PE 4C/2		1513920000
ADT 2.5 3C		1989830000
ADT 2.5 4C		1989860000
A3C 6		1991820000
A3C 6 PE		1991850000
AAP11 ...		
AAP13 ...		
AIO21 1.5 SI		1992260000
AIO21 1.5 SO		1992240000
AIO21 1.5 SO-PE		1992250000
AIO22 1.5 SI-PE		1992230000

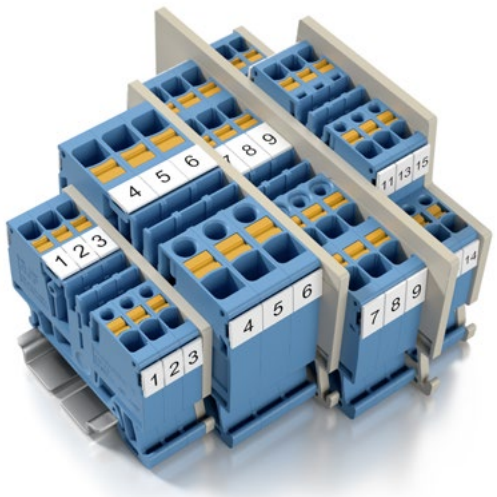
Integrated partition plate

APP4

Dimensions		
Width / Height / Depth	mm	2.5 / 89.15 / 54.85
Continuous operating temp., min.		-60 °C
Continuous operating temp., max.		130 °C
Material		Wemid
UL 94 flammability rating		V-0

Ordering data		
Type	Qty.	Order No.
APP 4	50	2489110000
dark beige		
matching terminals		
APGTB 1.5 2T 4C/2		2485840000
APGTB 1.5 2T PE 4C/2		2485870000
A2T 1.5		2469370000
A2T 1.5 PE		2469410000
A2T 2.5		1547610000
A2T 2.5 PE		1547680000
APGTB 2.5 2T 4C/2		1548060000
APGTB 2.5 2T PE 4C/2		1548160000

Note



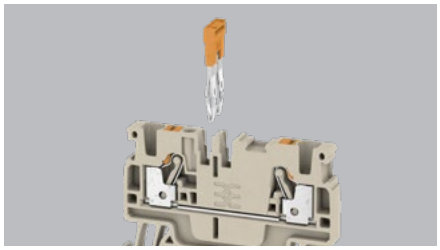
Pluggable Cross-Connection ZQV

Weidmüller offers plug-in and screwed cross-connection systems for screw-connection terminal blocks. The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions. This also ensures that all poles always contact reliably.

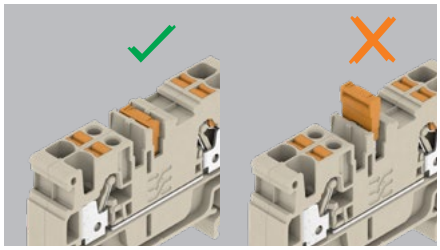
Fitting and changing crossconnections

The fitting and changing of cross-connections is a trouble-free and fast operation:

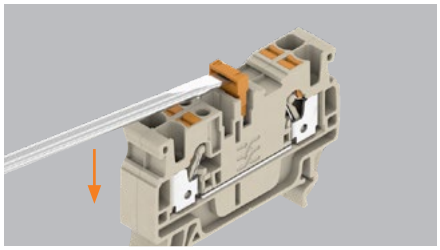
- Insert the cross-connection into the crossconnection channel in the terminal...



... and press it fully home.
(The cross-connection may not project from the channel.)

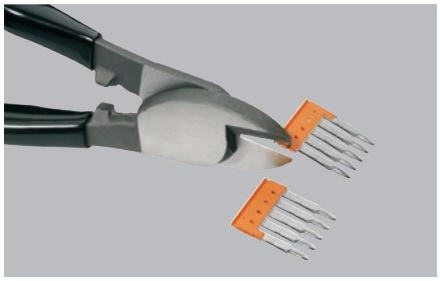


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

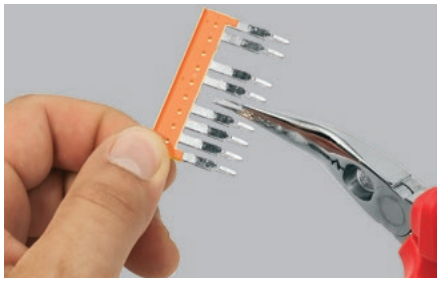
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000).
However, three contact elements must always be retained.



Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Caution:
Contact elements must not be deformed!



Note:
By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

ALO 6 and ALO 16 supply terminals

The ALO 6 and ALO 16 supply terminals can be fed by wires of cross-section 6 or 16 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller cross-section. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

Integrated endplate

Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 6	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•

Maximum current flow Imax only with ALO 6

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	6 mm²	41 A	41 A
A3C 1.5	ZQV 1.5N	6 mm²	41 A	41 A
A4C 1.5	ZQV 1.5N	6 mm²	41 A	41 A
A2C 2.5	ZQV 2.5N	6 mm²	41 A	41 A
A3C 2.5	ZQV 2.5N	6 mm²	41 A	41 A
A4C 2.5	ZQV 2.5N	6 mm²	41 A	41 A

Output options and cross-connectors to use

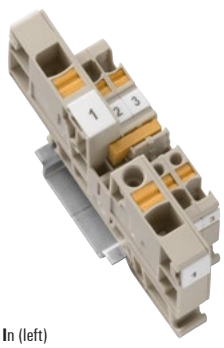
Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 16	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•
	A2C 4	ZQV 4N	•	•
	A3C 4	ZQV 4N	•	•
	A4C 4	ZQV 4N	•	•
	A2C 6	ZQV 6N	•	•
	A3C 6	ZQV 6N	•	•

Maximum current flow Imax at ALO 16 with cross-section 16 mm²

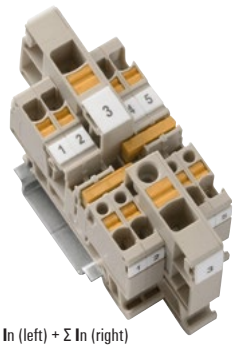
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	16 mm²	48 A	72 A
A3C 1.5	ZQV 1.5N	16 mm²	48 A	72 A
A4C 1.5	ZQV 1.5N	16 mm²	48 A	72 A
A2C 2.5	ZQV 2.5N	16 mm²	68 A	76 A
A3C 2.5	ZQV 2.5N	16 mm²	68 A	76 A
A4C 2.5	ZQV 2.5N	16 mm²	68 A	76 A
A2C 4	ZQV 4N	16 mm²	76 A	76 A
A3C 4	ZQV 4N	16 mm²	76 A	76 A
A4C 4	ZQV 4N	16 mm²	76 A	76 A
A2C 6	ZQV 6N	16 mm²	76 A	76 A
A3C 6	ZQV 6N	16 mm²	76 A	76 A

Maximum current flow Imax at ALO 16 with cross-section 10 mm²

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	10 mm²	48 A	57 A
A3C 1.5	ZQV 1.5N	10 mm²	48 A	57 A
A4C 1.5	ZQV 1.5N	10 mm²	48 A	57 A
A2C 2.5	ZQV 2.5N	10 mm²	57 A	57 A
A3C 2.5	ZQV 2.5N	10 mm²	57 A	57 A
A4C 2.5	ZQV 2.5N	10 mm²	57 A	57 A
A2C 4	ZQV 4N	10 mm²	57 A	57 A
A3C 4	ZQV 4N	10 mm²	57 A	57 A
A4C 4	ZQV 4N	10 mm²	57 A	57 A
A2C 6	ZQV 6N	10 mm²	57 A	57 A
A3C 6	ZQV 6N	10 mm²	57 A	57 A



Imax = Σ In (left)



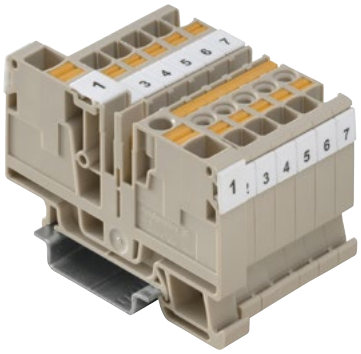
Imax = Σ In (left) + Σ In (right)

Imax = Σ In (right)

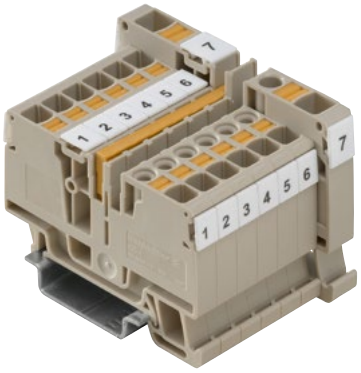
Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side.
The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left



Supply on the right



Supply options and corresponding cross-connections

left

Output terminals		Supply terminals	2.5 mm² A2C	2.5 mm² A3C	2.5 mm² A4C	2.5 mm² ADT 2C	2.5 mm² AFS 2C CF	4 mm² A2C	4 mm² A3C	4 mm² A4C	4 mm² ADT 2C	4 mm² AFS 2C	6 mm² A2C	6 mm² A3C
right														
1.5 mm²	A2C	ZQV 1.5N	•											
	A3C		•	•										
	A4C		•	•	•	•	•							
2.5 mm²	A2C	ZQV 2.5N						•						
	A3C							•	•					
	A4C							•	•	•	•	•		
	ADT 2C							•	•	•	•	•		
	AFS 2C CF							•	•	•	•	•		
4 mm²	A2C	ZQV 4N											•	•
	A3C												•	
	A4C												•	
	ADT 2C												•	
	AFS 2C												•	

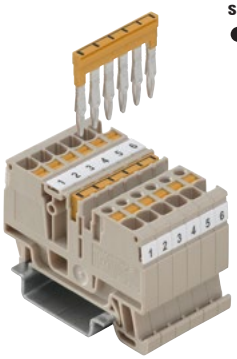
right

Output terminals		Supply terminals	2.5 mm² A2C	2.5 mm² A3C	2.5 mm² A4C	2.5 mm² ADT 2C	2.5 mm² AFS 2C CF	4 mm² A2C	4 mm² A3C	4 mm² A4C	4 mm² ADT 2C	4 mm² AFS 2C	6 mm² A2C	6 mm² A3C
left														
1.5 mm²	A2C	ZQV 1.5N	•	•	•	•	•							
	A3C			•	•	•	•							
	A4C				•									
2.5 mm²	A2C	ZQV 2.5N						•	•	•	•	•		
	A3C								•	•	•	•		
	A4C									•				
	ADT 2C													
	AFS 2C CF													
4 mm²	A2C	ZQV 4N											•	•
	A3C													
	A4C													
	ADT 2C													
	AFS 2C													

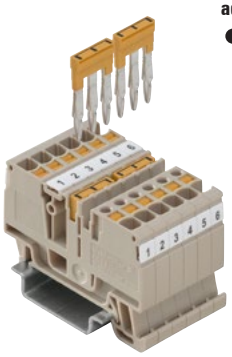
Possible combinations

In one cross-connection channel

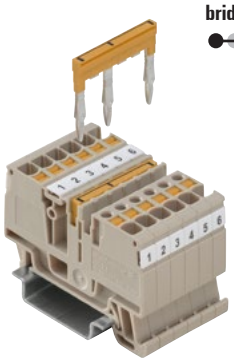
single



adjacent

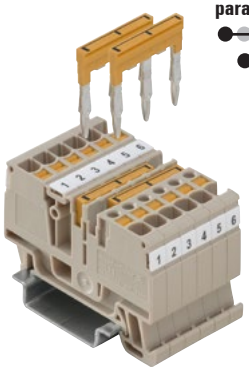


bridging

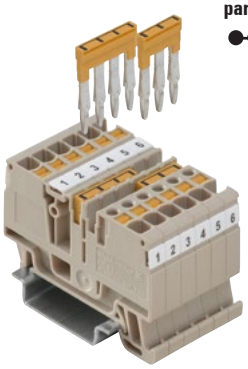


In two cross-connection channels

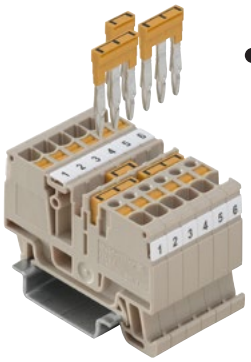
parallel/bridging



parallel/lengthening



chain bridge



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type Standard terminals	Cross-section mm²	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
A ... C	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T PE	1.5	ZQV 1.5N/...	•	•	•			
A3T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A3T PE	1.5	ZQV 1.5N/...	•	•	•			
APGTB	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB 2T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB 2T PE	1.5	ZQV 1.5N/...	•	•	•			
A ... C	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A2T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A2T PE	2.5	ZQV 2.5N/...	•	•	•			
A3T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A3T PE	2.5	ZQV 2.5N/...	•	•	•			
ADT	2.5	ZQV 2.5N/...	•	•	•	•	•	•
AFS	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB 2T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB 2T PE	2.5	ZQV 2.5N/...	•	•	•			
A ... C	4	ZQV 4N/...	•	•	•	•	•	•
A2T	4	ZQV 4N/...	•	•	•	•	•	•
A2T PE	4	ZQV 4N/...	•	•	•			
ADT	4	ZQV 4N/...	•	•	•	•	•	•
AFS	4	ZQV 4N/...	•	•	•	•	•	•
APGTB	4	ZQV 4N/...	•	•	•	•	•	•
APGTB 2T	4	ZQV 4N/...	•	•	•	•	•	•
APGTB 2T PE	4	ZQV 4N/...	•	•	•			
A ... C	6	ZQV 6N/...	•	•	•	•	•	•
A ... C	10	ZQV 10N/...	•	•	•	•	•	•
A ... C	16	ZQV 16N/...	•	•	•	•	•	•

Cross-connections according to dimensions

ZQV 1.5N

Technical data			
Rated current	A	17.5	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 1.5N/2	60	1985410000
3-pole		ZQV 1.5N/3	60	1985480000
4-pole		ZQV 1.5N/4	60	1985490000
5-pole		ZQV 1.5N/5	20	1985500000
6-pole		ZQV 1.5N/6	20	1985510000
7-pole		ZQV 1.5N/7	20	1985520000
8-pole		ZQV 1.5N/8	20	1985540000
9-pole		ZQV 1.5N/9	20	1985560000
10-pole		ZQV 1.5N/10	20	1985580000
20-pole		ZQV 1.5N/20	20	1985600000
41-poles				
50-pole		ZQV 1.5N/50	5	1985620000
Note				

ZQV 2.5N

		24	
		Type	**Qty.**	**Order No.**
		ZQV 2.5N/2	60	1527540000
		ZQV 2.5N/3	60	1527570000
		ZQV 2.5N/4	60	1527590000
		ZQV 2.5N/5	20	1527620000
		ZQV 2.5N/6	20	1527630000
		ZQV 2.5N/7	20	1527640000
		ZQV 2.5N/8	20	1527670000
		ZQV 2.5N/9	20	1527680000
		ZQV 2.5N/10	20	1527690000
		ZQV 2.5N/20	20	1527720000
		ZQV 2.5N/50	5	1527730000

ZQV 4N

		32	
		Type	**Qty.**	**Order No.**
		ZQV 4N/2	60	1527930000
		ZQV 4N/3	60	1527940000
		ZQV 4N/4	60	1527970000
		ZQV 4N/5	60	1527980000
		ZQV 4N/6	20	1527990000
		ZQV 4N/7	20	1528020000
		ZQV 4N/8	20	1528030000
		ZQV 4N/9	20	1528070000
		ZQV 4N/10	20	1528090000
		ZQV 4N/20	20	2883800000
		ZQV 4N/41	10	2883810000
		ZQV 4N/50	5	1528130000

Technical data			
Rated current	A	17.5	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 1.5N/2 BL	60	1985530000
3-pole		ZQV 1.5N/3 BL	60	1985550000
4-pole		ZQV 1.5N/4 BL	60	1985570000
5-pole		ZQV 1.5N/5 BL	20	1985590000
6-pole		ZQV 1.5N/6 BL	20	1985610000
7-pole		ZQV 1.5N/7 BL	20	1985630000
8-pole		ZQV 1.5N/8 BL	20	1985640000
9-pole		ZQV 1.5N/9 BL	20	1985660000
10-pole		ZQV 1.5N/10 BL	20	1985680000
20-pole		ZQV 1.5N/20 BL	20	1985700000
41-poles				
50-pole		ZQV 1.5N/50 BL	5	1985720000
Note				

		24	
		Type	**Qty.**	**Order No.**
		ZQV 2.5N/2 BL	60	1527740000
		ZQV 2.5N/3 BL	60	1527770000
		ZQV 2.5N/4 BL	60	1527780000
		ZQV 2.5N/5 BL	20	1527790000
		ZQV 2.5N/6 BL	20	1527820000
		ZQV 2.5N/7 BL	20	1527830000
		ZQV 2.5N/8 BL	20	1527840000
		ZQV 2.5N/9 BL	20	1527870000
		ZQV 2.5N/10 BL	20	1527880000
		ZQV 2.5N/20 BL	20	1527890000
		ZQV 2.5N/50 BL	5	1527920000

		32	
		Type	**Qty.**	**Order No.**
		ZQV 4N/2 BL	60	1528040000
		ZQV 4N/3 BL	60	1528080000
		ZQV 4N/4 BL	60	1528120000
		ZQV 4N/5 BL	60	1528140000
		ZQV 4N/6 BL	20	1528170000
		ZQV 4N/7 BL	20	1528180000
		ZQV 4N/8 BL	20	1528190000
		ZQV 4N/9 BL	20	1528220000
		ZQV 4N/10 BL	20	1528230000
		ZQV 4N/20 BL	20	2810850000
		ZQV 4N/41 BL	10	2883820000
		ZQV 4N/50 BL	5	1528240000

Technical data			
Rated current	A	17.5	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 1.5N/2 RD	60	1985650000
3-pole		ZQV 1.5N/3 RD	60	1985670000
4-pole		ZQV 1.5N/4 RD	60	1985690000
5-pole		ZQV 1.5N/5 RD	20	1985710000
6-pole		ZQV 1.5N/6 RD	20	1985730000
7-pole		ZQV 1.5N/7 RD	20	1985750000
8-pole		ZQV 1.5N/8 RD	20	1985770000
9-pole		ZQV 1.5N/9 RD	20	1985790000
10-pole		ZQV 1.5N/10 RD	20	1985800000
20-pole		ZQV 1.5N/20 RD	20	1985810000
41-poles				
50-pole		ZQV 1.5N/50 RD	5	1985820000
Note				

		24	
		Type	**Qty.**	**Order No.**
		ZQV 2.5N/2 RD	60	2108470000
		ZQV 2.5N/3 RD	60	2108690000
		ZQV 2.5N/4 RD	60	2108700000
		ZQV 2.5N/5 RD	20	2108710000
		ZQV 2.5N/6 RD	20	2108720000
		ZQV 2.5N/7 RD	20	2108810000
		ZQV 2.5N/8 RD	20	2108870000
		ZQV 2.5N/9 RD	20	2108900000
		ZQV 2.5N/10 RD	20	2108910000
		ZQV 2.5N/20 RD	20	2108920000
		ZQV 2.5N/50 RD	5	2109000000

		32	
		Type	**Qty.**	**Order No.**
		ZQV 4N/2 RD	60	2460450000
		ZQV 4N/3 RD	60	2460810000
		ZQV 4N/4 RD	60	2460800000
		ZQV 4N/5 RD	60	2460790000
		ZQV 4N/6 RD	20	2460780000
		ZQV 4N/7 RD	20	2460770000
		ZQV 4N/8 RD	20	2460760000
		ZQV 4N/9 RD	20	2460750000
		ZQV 4N/10 RD	20	2460740000
		ZQV 4N/20 RD	20	2810860000
		ZQV 4N/41 RD	10	2883840000
		ZQV 4N/50 RD	5	2460730000

ZQV 6N

41

Type	Qty.	Order No.
ZQV 6N/2	60	1985740000
ZQV 6N/3	60	1985760000
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000
ZQV 6N/20	20	2810820000

41

Type	Qty.	Order No.
ZQV 6N/2 BL	60	1985830000
ZQV 6N/3 BL	60	1985840000
ZQV 6N/4 BL	60	1985850000
ZQV 6N/6 BL	20	2786890000
ZQV 6N/7 BL	20	2786900000
ZQV 6N/10 BL	20	2786910000

ZQV 10N/2

57

Type	Qty.	Order No.
ZQV 10N/2	25	2497250000

ZQV 16N/2

76

Type	Qty.	Order No.
ZQV 16N/2	25	2497290000

ZQV 35N/2

125

Type	Qty.	Order No.
ZQV 35N/2	10	2634950000

Reducing bridge

Type	Qty.	Order No.
ZQV 35N - 16	10	2562660000
ZQV 35N - 10	10	2562670000

Cross-connections according to dimensions

Technical data	
Rated current	A
Ordering data	
	2-pole
	3-pole
Note	

ZQV 50/70N

150

Type	Qty.	Order No.
ZQV 50/70N/2	10	**2663400000**

ZQV 95/120N

192

Type	Qty.	Order No.
ZQV 95/120N/2	10	**2694250000**
ZQV 95/120N/3	10	**2694260000**

ZQV 150/185N

232

Type	Qty.	Order No.
ZQV 150/185N/2	5	**2728840000**
ZQV 150/185N/3	5	**2728850000**

Cross-connections according to dimensions

ZQV 2.5N

Technical data			
Rated current	A	24	
Ordering data			
		Type	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 WT	60	**2831560000**
3-pole		ZQV 2.5N/3 WT	60	**2831570000**
4-pole		ZQV 2.5N/4 WT	60	**2831580000**
5-pole		ZQV 2.5N/5 WT	20	**2831590000**
6-pole		ZQV 2.5N/6 WT	20	**2831600000**
7-pole		ZQV 2.5N/7 WT	20	**2831610000**
8-pole		ZQV 2.5N/8 WT	20	**2831620000**
9-pole		ZQV 2.5N/9 WT	20	**2831630000**
10-pole		ZQV 2.5N/10 WT	20	**2831640000**
20-pole		ZQV 2.5N/20 WT	20	**2831650000**
41-poles				
50-pole		ZQV 2.5N/50 WT	5	**2831660000**
Note				

ZQV 4N

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2 WT	60	**2831800000**
ZQV 4N/3 WT	60	**2831810000**
ZQV 4N/4 WT	60	**2831820000**
ZQV 4N/5 WT	60	**2831830000**
ZQV 4N/6 WT	20	**2831840000**
ZQV 4N/7 WT	20	**2831850000**
ZQV 4N/8 WT	20	**2831860000**
ZQV 4N/9 WT	20	**2831870000**
ZQV 4N/10 WT	20	**2831790000**

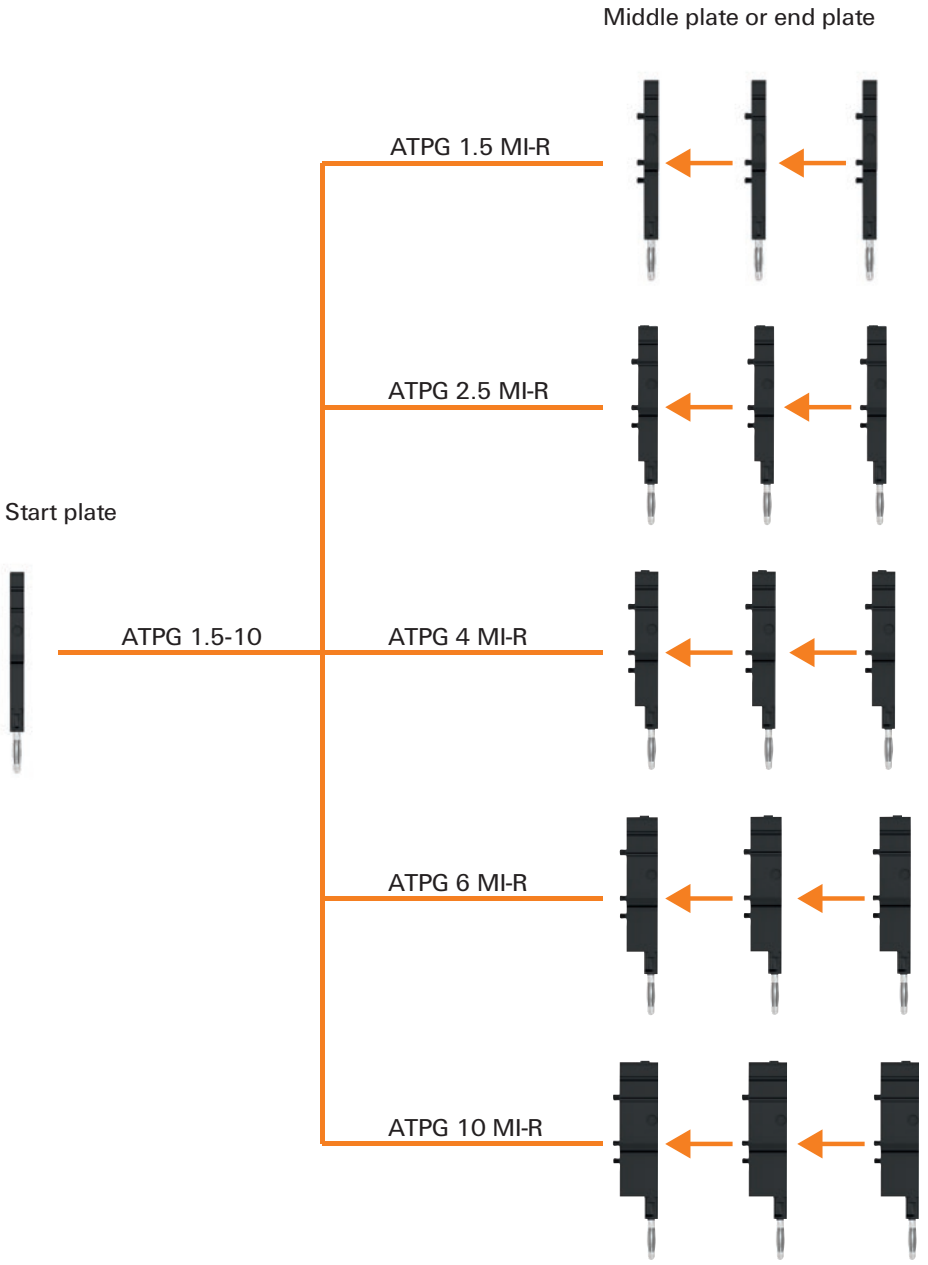
Technical data			
Rated current	A	24	
Ordering data			
		Type	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 BK	60	**2831670000**
3-pole		ZQV 2.5N/3 BK	60	**2831680000**
4-pole		ZQV 2.5N/4 BK	60	**2831690000**
5-pole		ZQV 2.5N/5 BK	20	**2831700000**
6-pole		ZQV 2.5N/6 BK	20	**2831710000**
7-pole		ZQV 2.5N/7 BK	20	**2831720000**
8-pole		ZQV 2.5N/8 BK	20	**2831730000**
9-pole		ZQV 2.5N/9 BK	20	**2831740000**
10-pole		ZQV 2.5N/10 BK	20	**2831750000**
20-pole		ZQV 2.5N/20 BK	20	**2831760000**
41-poles				
50-pole		ZQV 2.5N/50 BK	5	**2831770000**
Note				

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2 BK	60	**2810840000**
ZQV 4N/3 BK	60	**2810880000**
ZQV 4N/4 BK	60	**2810890000**
ZQV 4N/5 BK	60	**2810900000**
ZQV 4N/6 BK	20	**2810910000**
ZQV 4N/7 BK	20	**2810920000**
ZQV 4N/8 BK	20	**2810930000**
ZQV 4N/9 BK	20	**2831780000**
ZQV 4N/10 BK	20	**2810830000**
ZQV 4N/20 BK	20	**2810870000**
ZQV 4N/41 BK	10	**2831890000**

Test adapters for self-assembly:
The test adapters offer a flexible solution for every task – they can be connected by threading them together in accordance with the application to be fulfilled.

Note:
The start plate can only be combined with one size of expansion plate.

Structure of the test adapter system



Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

		ATPG 1.5-10	ATPG 1.5 MI-R	ATPG 2.5 MI-R
		Start plate	**Middle plate or end plate**	**Middle plate or end plate**
Dimensions				
Width / Length / Height	mm	3.5 / / 18.5	3.5 / / 18.5	5.1 / / 18.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V			
Rated current	A	0.2	0.2	0.2
for wire cross-section	mm²	1.5	1.5	1.5
Clamped conductors				
Solid / Stranded	mm²	0.5…1.5 1.5	0.5…1.5 1.5	0.5…1.5 1.5
Flexible / Flexible with ferrule	mm²	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1
Ordering data		**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
	1-pole	ATPG 1.5-10 L / 50 / **1991890000**	ATPG 1.5 MI-R / 50 / **1991880000**	ATPG 2.5 MI-R / 50 / **1991960000**
	3-pole			ATPG 2.5/3 / 25 / **2041190000**
	5-pole			ATPG 2.5/5 / 25 / **2041180000**
Note				

Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

		ATPG 4 MI-R-10	ATPG 6 MI-R	ATPG 10 MI-R
		Middle plate or end plate	**Middle plate or end plate**	**Middle plate or end plate**
Dimensions				
Width / Length / Height	mm	6.1 / / 18.5	7.9 / / 18.5	9.9 / / 18.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V			
Rated current	A	0.2	0.2	0.2
for wire cross-section	mm²	1.5	1.5	1.5
Clamped conductors				
Solid / Stranded	mm²	0.5…1.5 1.5	0.5…1.5 1.5	0.5…1.5 1.5
Flexible / Flexible with ferrule	mm²	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1
Ordering data		**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
	1-pole	ATPG 4 MI-R / 50 / **1991860000**	ATPG 6 MI-R / 50 / **1991930000**	ATPG 10 MI-R / 50 / **1991870000**
	3-pole			
	5-pole			
Note				

AAM 1.5 YE FLASH

Dimensions		
Width / Height / Depth	mm	2,5 / 52,67 / 36,15
Continuous operating temp., min.		-40 °C
Continuous operating temp., max.		100 °C
Material		polyamide
UL 94 flammability rating		V-2
Ordering data		
Type	**Qty.**	**Order No.**
	yellow	AAM 1.5 YE FLASH 40 **2635520000**
Note		

AAM 2.5 YE FLASH

Dimensions		
Width / Height / Depth	mm	2,5 / 75,51 / 45,15
Continuous operating temp., min.		-40 °C
Continuous operating temp., max.		100 °C
Material		polyamide
UL 94 flammability rating		V-2
Ordering data		
Type	**Qty.**	**Order No.**
	yellow	AAM 2.5 YE FLASH 40 **2635550000**
Note		

AAM 4 YE FLASH

Dimensions		
Width / Height / Depth	mm	2,5 / 52,67 / 36,15
Continuous operating temp., min.		-40 °C
Continuous operating temp., max.		100 °C
Material		polyamide
UL 94 flammability rating		V-2
Ordering data		
Type	**Qty.**	**Order No.**
	yellow	AAM 4 YE FLASH 40 **2635560000**
Note		

AAM 6 YE FLASH

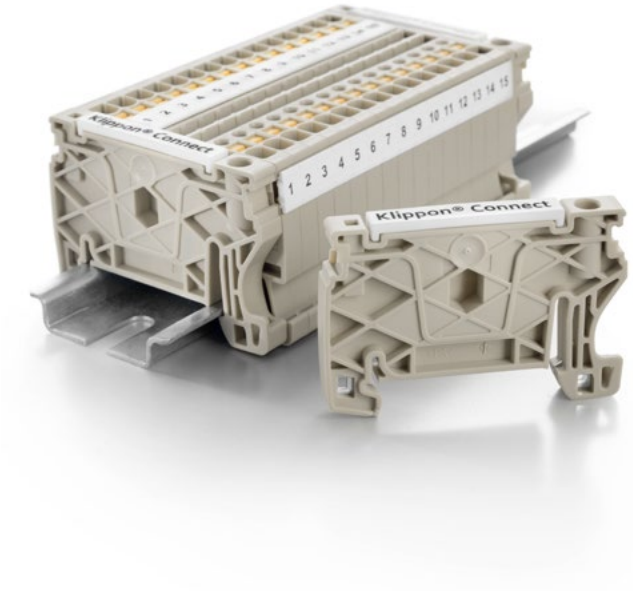
Dimensions		
Width / Height / Depth	mm	2,5 / 75,51 / 45,15
Continuous operating temp., min.		-40 °C
Continuous operating temp., max.		100 °C
Material		polyamide
UL 94 flammability rating		V-2
Ordering data		
Type	**Qty.**	**Order No.**
	yellow	AAM 6 YE FASH 40 **2635570000**
Note		

AAM 10 YE FLASH

Dimensions		
Width / Height / Depth	mm	2,5 / 52,67 / 36,15
Continuous operating temp., min.		-40 °C
Continuous operating temp., max.		100 °C
Material		polyamide
UL 94 flammability rating		V-2
Ordering data		
Type	**Qty.**	**Order No.**
	yellow	AAM 10 YE FLASH 40 **2635580000**
Note		

AAM 16 YE FLASH

Dimensions		
Width / Height / Depth	mm	2,5 / 75,51 / 45,15
Continuous operating temp., min.		-40 °C
Continuous operating temp., max.		100 °C
Material		polyamide
UL 94 flammability rating		V-2
Ordering data		
Type	**Qty.**	**Order No.**
	yellow	AAM 16 YE FLASH 40 **2635590000**
Note		



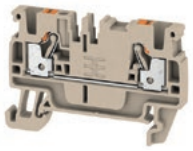
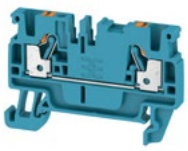
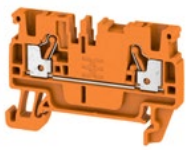
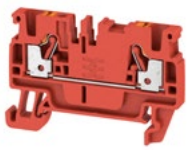
End bracket

	AEB 35 SCL/1 V0 ...	AEB 35 SCL/1 V0 ... DL
Dimensions		
Continuous operating temp., min.	-40 °C	-40 °C
Continuous operating temp., max.	100 °C	100 °C
Material	polyamide	Polyamid
UL 94 flammability rating	V-0	V-0
Ordering data		
dark beige	AEB 35 SCL/1 V0 — 50 — **2661280000**	AEB 35 SCL/1 V0 DL — 50 — **2570240000**
light grey	AEB 35 SCL/1 V0 GY — 50 — **2661290000**	AEB 35 SCL/1 V0 GY DL — 50 — **2570260000**
black	AEB 35 SCL/1 V0 BK — 50 — **2661300000**	AEB 35 SCL/1 V0 BK DL — 50 — **2570250000**
Note		

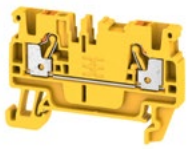
SnapMark- Marker for multi-tier terminals

	SNAPMARK 1	SNAPMARK 1.5
Dimensions		
width / height / depth mm	5.1 / 8 / 5.8	3.5 / 6.2 / 4.8
Continuous operating temperature, min.	-40 °C	-40 °C
Continuous service temperature, max.	100 °C	100 °C
Material	polyamide	polyamide
Flammability class according to UL 94	V-2	V-2
Ordering data		
	SNAPMARK I — 50 — **1805880000**	SNAPMARK I.5 — 40 — **2682080000**
Note		

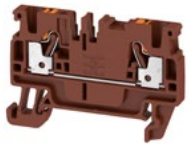
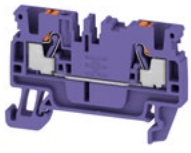
Spring connection with PUSH IN technology (A-Series)
Overview

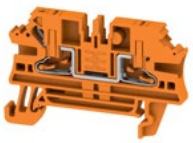
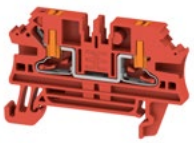
Type		Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
1.5 mm²	A2C	1552790000	1552820000	1552830000	2508020000
	A3C	1552740000	1552770000	1552780000	2534500000
	A4C	1552690000	1552700000	1552720000	2534430000
2.5 mm²	A2C	1521850000	1521880000	1521930000	1521900000
	A3C	1521740000	1521780000	1521830000	1521800000
	A4C	1521690000	1521700000	1521720000	1521710000
4 mm²	A2C	2051180000	2051210000	2051230000	2051220000
	A3C	2051240000	2051280000	2051320000	2051300000
	A4C	2051500000	2051520000	2051540000	2051530000
6 mm²	A2C	1992110000	1991790000	1991800000	-
	A3C	1991820000	1991830000	1991840000	-



Type		Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
1.5 mm²	A2C	2508190000	2508210000	2508160000	2508170000
	A3C	2534520000	2534480000	2534510000	2534230000
	A4C	2534450000	2534410000	2534440000	2534260000
2.5 mm²	A2C	1521940000	1521950000	1521970000	1521980000
	A3C	1521840000	1521870000	1521890000	1521920000
	A4C	1521730000	1521770000	1521790000	1521820000
4 mm²	A2C	2051250000	2051260000	2051290000	2051310000
	A3C	2051340000	2051350000	2051370000	2051400000
	A4C	2051550000	2051580000	2051610000	2051660000
6 mm²	A2C	-	-	-	-
	A3C	-	-	-	-

Type		Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR	Order No. violet VT
1.5 mm²	A2C	2508220000	2508180000	2508200000	-
	A3C	2534490000	2534540000	2534530000	-
	A4C	2534420000	2534470000	2534460000	-
2.5 mm²	A2C	2003110000	2508000000	2508030000	2876640000
	A3C	2003120000	2534690000	2534750000	3103560000 (A4C 2.5 VT)
	A4C	2003130000	2534740000	2534730000	-
4 mm²	A2C	2051330000	2534380000	2534370000	-
	A3C	2051460000	2534360000	2534290000	-
	A4C	2051670000	2534400000	2534390000	-
6 mm²	A2C	-	-	-	-
	A3C	-	-	-	-

Type		Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
2.5 mm²	AL2C	2847200000	2847210000	2847240000	2847230000
	AL3C	2847330000	2847340000	2847370000	2847360000
	AL4C	2847460000	2847470000	2847500000	2847490000
4 mm²	AL2C	2847710000	2871870000	2871900000	2871890000
	AL3C	2847720000	2871990000	2872020000	2872010000
	AL4C	2847730000	2872110000	2872140000	2872130000

Type		Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
2.5 mm²	AL2C	2847290000	2847250000	2847280000	2847270000
	AL3C	2847420000	2847380000	2847410000	2847400000
	AL4C	2847550000	2847510000	2847540000	2847530000
4 mm²	AL2C	2871950000	2871910000	2871940000	2871930000
	AL3C	2872070000	2872030000	2872060000	2872050000
	AL4C	2872190000	2872150000	2872180000	2872170000

Type		Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR	Order No. violet VT
2.5 mm²	AL2C	2847300000	2847220000	2847310000	2847260000
	AL3C	2847430000	2847350000	2847440000	2847390000
	AL4C	2847560000	2847480000	2847570000	2847520000
4 mm²	AL2C	2871960000	2871880000	2871970000	2871920000
	AL3C	2872080000	2872000000	2872090000	2872040000
	AL4C	2872200000	2872120000	2872210000	2872160000

Flexible in wiring, vibration-resistant in operation

Klippon® Connect with proven tension clamp technology

Whether in machine construction, the automotive industry or railway and shipping: wherever there is a requirement for a particularly vibration-resistant contact, tension clamp technology proves extremely reliable. At the same time, our terminal blocks with proven tension clamp technology are perfect for compact yet manageable panel construction. The wide range with numerous additional functions and pluggable terminal blocks (WeiCoS), the wide clamping range and up to two cross-connection channels make the Z-Series perfectly adaptable to all requirements. Pluggable standard cross-connections enable flexible potential distribution.

Our promise

Klippon® Connect helps you reliably achieve a range of applications. Our terminal blocks with tension clamp technology are impressively compact and flexible. They contribute to highly efficient panel construction and improved productivity.

Overview

Exceptionally practical:

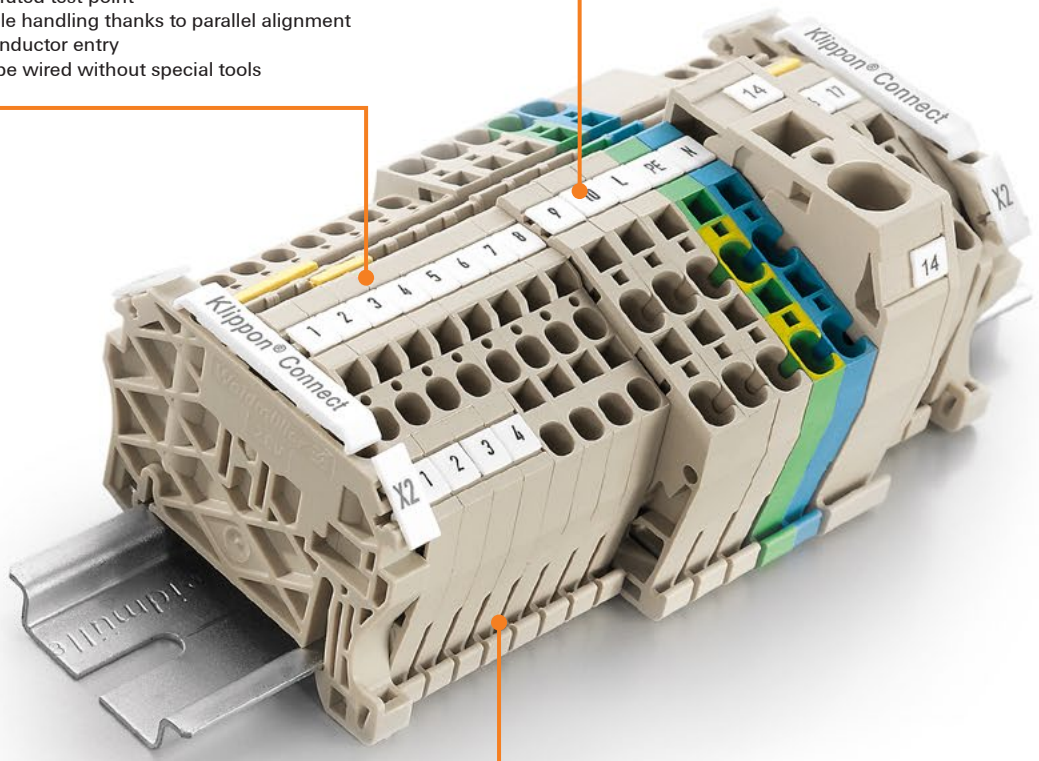
The Z-Series has an impressive, practical design and comes in two variants: standard and roof. Our standard models cover wire cross-sections from 0.05 to 35 mm². Terminal blocks for wire cross-sections from 0.13 to 16 mm² are available as roof variants. The striking shape of the roof style gives a reduction in length of up to 36 percent compared to standard terminal blocks.

Simple and clear:

Despite their compact width of just 5 mm (2 connections) or 10 mm (4 connections), our block terminals guarantee absolute clarity and ease of handling thanks to the top-entry conductor feeds. This means the wiring is clear even in terminal boxes with restricted space.

Space saving
- Compact design
- Length reduced by up to 36 percent in roof style

Time saving
- Integrated test point
- Simple handling thanks to parallel alignment of conductor entry
- Can be wired without special tools



Flexibility
- Pluggable standard cross-connections for flexible potential distribution
- Secure interlocking of all plug-in connectors (WeiCoS)

Safety
- Shock and vibration proof
- Separation of electrical and mechanical functions
- No-maintenance connection for a safe, gas-tight contacting
- The tension clamp is made of steel with an externally-sprung contact for optimum contact force
- Current bar made of copper for low voltage drops

	ZDUB 2.5-2/2AN/RC	2.5 mm²	ZDUB 2.5-2/4AN/RC	2.5 mm²
	Two connections		Four connections	
Width/Height/Depth mm	5.1 x 33.5 x 29		10.2 x 33.5 x 29	
max. current / max. cond. cross-section A/mm²	30 / 4		30 / 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

IEC 60947-7-1			Ex eb II C Gb	II 2 G D			Ex eb II C Gb II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	800	600	600	550	800	600	600	550
Rated current A	24	20	25	21	24	20	25	21
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0				A2 / V-0			
Approvals	DEMKO16ATEX1808U				DEMKO16ATEX1808U			
Clamped conductors								
Solid / Stranded mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5				0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note	Snap-on clip				Snap-on clip			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Central terminals						
dark beige	ZDUB 2.5-2/2AN/RC	100	1712820000	ZDUB 2.5-2/4AN/RC	100	1712970000
Blue	ZDUB 2.5-2/2AN/RC BL	100	1712830000	ZDUB 2.5-2/4AN/RC BL	100	1712980000
yellow				ZDUB 2.5-2/4AN/RC GE	100	1713000000
Note	Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.			Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.		

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQB 2.5-2	24 A	50	1677120000	ZQB 2.5-2	24 A	50	1677120000
End plate / Partition plate								
dark beige	ZAP ZDUB		50	1704750000	ZAP ZDUB		50	1704750000
Blue	ZAP ZDUB BL		50	1704760000	ZAP ZDUB BL		50	1704760000
orange	ZAP ZDUB OR		50	1704770000	ZAP ZDUB OR		50	1704770000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

		ZDUB 2.5-2/2AN/DM	2.5 mm²	ZDUB 2.5-2/4AN/DM	2.5 mm²
		Two connections		Four connections	
Width/Height/Depth	mm	5.1 x 33.5 x 24		10.2 x 33.5 x 24	
max. current / max. cond. cross-section	A/mm²	30 / 4		30 / 4	
Max. clamping range	mm²	0.13...4		0.13...4	

Technical data

Rated data		IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1	
Rated voltage	V	800	600	600	550	800	600
Rated current	A	24	20	25	21	24	20
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²	2.5	AWG 26...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0				A2 / V-0	
Approvals		DEMKO16ATEX1808U				DEMKO16ATEX1808U	
Clamped conductors							
Solid / Stranded	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...1.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm	
Note		Direct mounting				Direct mounting	

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
End terminals							
	dark beige	ZDUB 2.5-2/2AN/DB	100	1704500000	ZDUB 2.5-2/4AN/DB	100	1704690000
	Blue				ZDUB 2.5-2/4AN/DB BL	100	1704700000
	yellow	ZDUB 2.5-2/2AN/DB GE	100	1704530000	ZDUB 2.5-2/4AN/DB GE	100	1704720000
Central terminals							
	dark beige	ZDUB 2.5-2/2AN/DM	100	1704350000	ZDUB 2.5-2/4AN/DM	100	1704540000
	Blue	ZDUB 2.5-2/2AN/DM BL	100	1704360000	ZDUB 2.5-2/4AN/DM BL	100	1704550000
	yellow	ZDUB 2.5-2/2AN/DM GE	100	1704380000	ZDUB 2.5-2/4AN/DM GE	100	1704570000
	orange	ZDUB 2.5-2/2AN/DM OR	100	1704370000	ZDUB 2.5-2/4AN/DM OR	100	1704560000
Note							

Accessories

Plug-in cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
	2-pole	ZQB 2.5-2	24 A	50	1677120000	ZQB 2.5-2	24 A	50	1677120000
End plate / Partition plate									
	dark beige	ZAP ZDUB		50	1704750000	ZAP ZDUB		50	1704750000
	Blue	ZAP ZDUB BL		50	1704760000	ZAP ZDUB BL		50	1704760000
	orange	ZAP ZDUB OR		50	1704770000	ZAP ZDUB OR		50	1704770000
Mounting blocks									
	dark beige	ZBB ZDUB		50	1704740000	ZBB ZDUB		50	1704740000
Screwdriver									
	Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Mounting foot for TS15 & TS35									
	dark beige	MOFU 15/35 ZDUB		50	1723660000	MOFU 15/35 ZDUB		50	1723660000
Marking tags									
		DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
		WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

		ZDUB 2.5-2/2AN/TS15	2.5 mm²	ZDUB 2.5-2/4AN/TS15	2.5 mm²
		Two connections		Four connections	
Width/Height/Depth	mm	5.1 x 33.5 x 31		10.2 x 33.5 x 31	
max. current / max. cond. cross-section	A/mm²	30 / 4		30 / 4	
Max. clamping range	mm²	0.13...4		0.13...4	

Technical data

Rated data							
Rated voltage	V	IEC 60947-7-1		Ex eb II C Gb II 2 G D			
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**		
for wire cross-section	mm²	800	600	600	550		
Rated impulse withstand voltage / Pollution severity		24	20	25	21		
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 26...12	AWG 26...12	2.5 mm²		
Approvals		8 kV / 3					
		A2 / V-0					
		DEMKO16ATEX1808U					
Clamped conductors							
Solid / Stranded	mm²	**Rated connection**					
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4					
Stripping length / Blade size	mm/-	0.5...2.5 / 0.5...1.5					
		10 / 0.6 x 3.5 mm					
Note		TS 15 - block construction					

		IEC 60947-7-1		Ex eb II C Gb II 2 G D			
		IEC	**UL**	**CSA**	**EN 60079-7**		
		800	600	600	550		
		24	20	25	21		
		2.5	AWG 26...12	AWG 26...12	2.5 mm²		
		8 kV / 3					
		A2 / V-0					
		DEMKO16ATEX1808U					
		Rated connection					
		0.5...4 / 0.5...4					
		0.5...2.5 / 0.5...1.5					
		10 / 0.6 x 3.5 mm					
		TS 15 - block construction					

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	ZDUB 2.5-2/2AN/15	100	**1712750000**	ZDUB 2.5-2/4AN/15	100	**1712780000**
	Blue	ZDUB 2.5-2/2AN/15 BL	100	**1712760000**	ZDUB 2.5-2/4AN/15 BL	100	**1712790000**
	Orange	ZDUB 2.5-2/2AN/15 OR	100	**1712770000**	ZDUB 2.5-2/4AN/15 OR	100	**1712800000**
Note							

Accessories

Plug-in cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
	2-pole								
	10-pole								
	2-pole	ZQB 2.5-2	24 A	50	**1677120000**	ZQB 2.5-2	24 A	50	**1677120000**
End plate / Partition plate									
	dark beige	ZAP ZDUB		50	**1704750000**	ZAP ZDUB		50	**1704750000**
	Blue	ZAP ZDUB BL		50	**1704760000**	ZAP ZDUB BL		50	**1704760000**
	orange	ZAP ZDUB OR		50	**1704770000**	ZAP ZDUB OR		50	**1704770000**
End bracket									
	beige	ZEW 15		20	**7920340000**	ZEW 15		20	**7920340000**
Screwdriver									
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 10/5 MC NE WS		720	**1635000000**	WS 10/5 MC NE WS		720	**1635000000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZDUA 2.5-2 — 2.5 mm²

Two connections

5.1 x 35 x 30
30 / 4
0.13...4

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500		600	352
24		20	20
2.5		AWG 26...12	4 mm²
	6 kV / 3		
	A2 / V-0		
			DEMKO16ATEX1808U

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

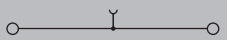
Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000
ZDUA 2.5-2 OR	100	1720940000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZDUA		50	1720960000
ZAP/TW ZDUA BL		50	1720970000
ZAP/TW ZDUA OR		50	1720980000
ZEW 15		20	7920340000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

ZDUA 2.5-2N — 2.5 mm²

Two connections

5.1 x 42.5 x 35
30 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZDUA2.5-2N		50	1808170000
ZEW 15		20	7920340000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

Modular design

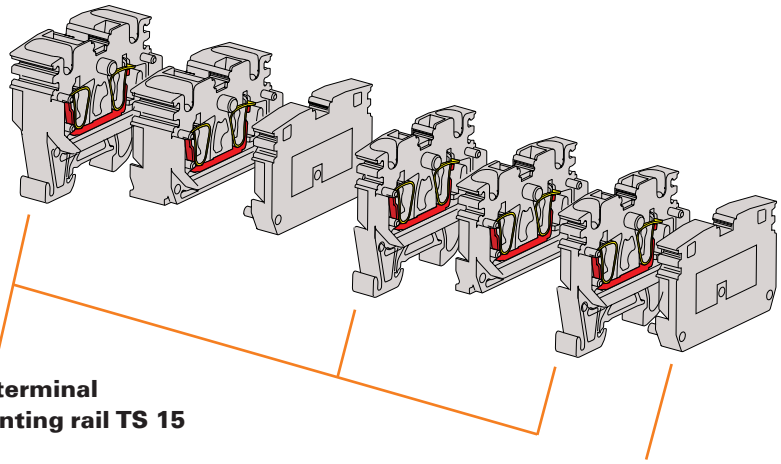
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

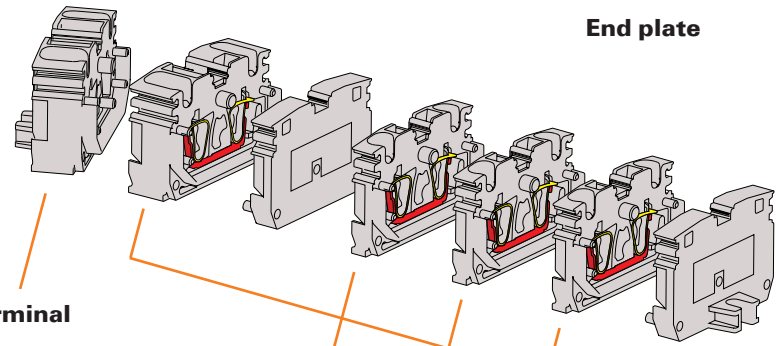
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



Middle terminal for mounting rail TS 15

End plate



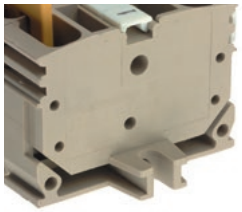
End terminal

Middle terminals for direct mounting

Mounting block

Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

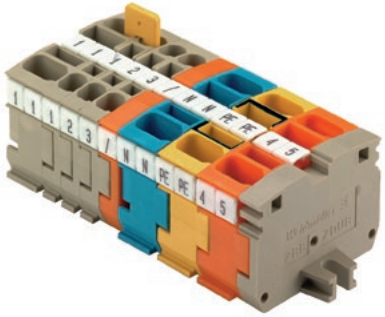
... with 4 different means of fastening



ZDUB 2.5-2 DM

Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.

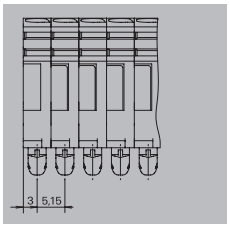


ZDUB 2.5-2 RC

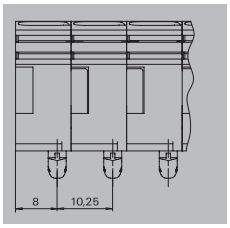
Clip-on fastening on mounting plates

The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.

Drilling plan:
ZDUB/2.5-2/2AN



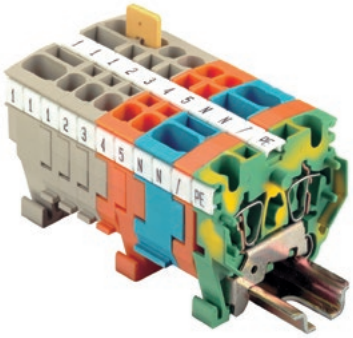
ZDUB 2.5-2/4AN

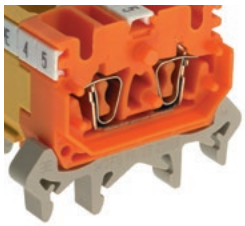


ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.

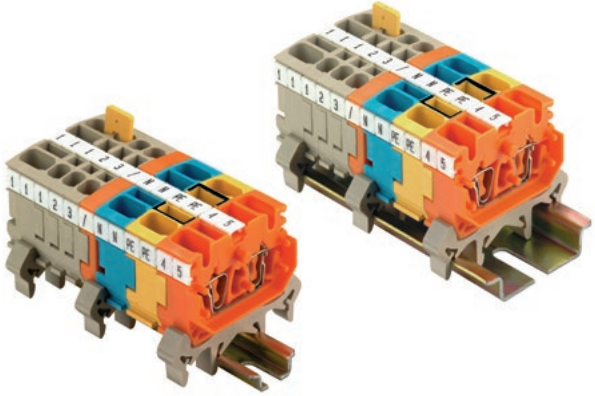


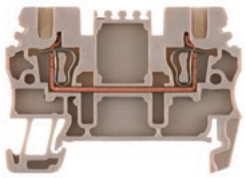
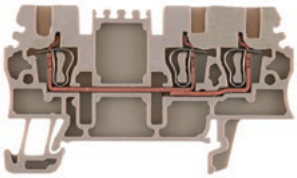


MOFU TS 15/35

Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



		ZDU 1.5	1.5 mm²	ZDU 1.5/3 AN	1.5 mm²
		Two connections		Three connections	
					
Width/Height/Depth	mm	3.5 x 51.5 x 36.5		3.5 x 63.5 x 36.5	
max. current / max. cond. cross-section	A/mm²	17.5 / 1.5		17.5 / 1.5	
Max. clamping range	mm²	0.05...1.5		0.05...1.5	

Technical data

		ZDU 1.5				ZDU 1.5/3 AN			
		IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	500		300	550	500	300	300	550
Rated current	A	17.5		20	17	17.5	15	20	15
for wire cross-section	mm²	1.5		AWG 26...14	1.5 mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				B1 / V-0				B1 / V-0	
Approvals					DEMKO15ATEX1467U				DEMKO15ATEX1467U
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1				0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm				10 / 0.4 x 2.0 mm			
Note									

Ordering data

		Type	Qty.	Order No.	Type	Qty.	Order No.
Version							
	dark beige	ZDU 1.5	100	1775480000	ZDU 1.5/3AN	100	1775530000
	Blue	ZDU 1.5 BL	100	1775490000	ZDU 1.5/3AN BL	100	1775540000
Note							

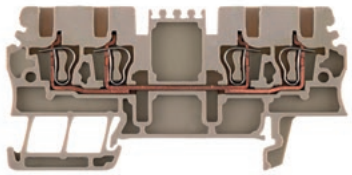
Accessories

		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection									
	2-pole	ZQV 1.5/2	17.5 A	60	1776120000	ZQV 1.5/2	17.5 A	60	1776120000
	4-pole								
	10-pole	ZQV 1.5/10	17.5 A	20	1776200000	ZQV 1.5/10	17.5 A	20	1776200000
End plate / Partition plate									
	dark beige	ZAP/TW ZDU1.5/2AN		20	1776030000	ZAP/TW ZDU1.5/3AN		20	1776060000
	Blue	ZAP/TW ZDU1.5/2AN BL		20	1776040000	ZAP/TW ZDU1.5/3AN BL		20	1776070000
End bracket									
	dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter									
	Standard								
	With spigot								
Screwdriver									
	Standard	SDS 0.4X2.0X60		1	2749260000	SDS 0.4X2.0X60		1	2749260000
Reducing sleeves									
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	1781950000	ZRH 1.5S/1		500	1781950000
	for conductors < 1.0 mm² / AWG 18								
Cover									
	With lightning flash symbol	ZAD 7/4		20	1781940000	ZAD 7/4		20	1781940000
Marking tags									
		DEK 5/3.5 MC NE WS		500	1755270000	DEK 5/3.5 MC NE WS		500	1755270000
		WS 12/3.5 MC NE WS		600	1778270000	WS 12/3.5 MC NE WS		600	1778270000
		DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000

For detailed information on other accessories and application in the online catalogue

ZDU 1.5/4 AN — 1.5 mm²

Four connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500		300	550
17.5		20	17
1.5		AWG 26...14	1.5 mm²
	6 kV / 3		
	B1 / V-0		
			DEMKO15ATEX1467U

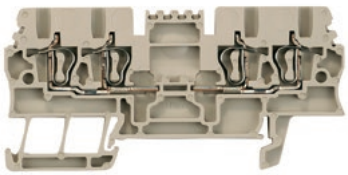
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDU1.5/4AN		20	1776090000
ZAP/TW ZDU1.5/4AN BL		20	1776100000
ZEW 35		20	9540000000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
ZAD 7/4		20	1781940000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000

ZDU 1.5 2x2AN — 1.5 mm²

2 x 2 connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
	6 kV / 3		
	B1 / V-0		

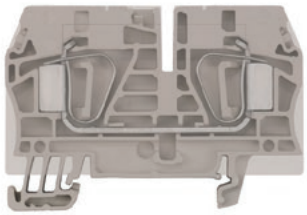
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDU 1.5/2X2AN	100	1826970000

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDU1.5/4AN		20	1776090000
ZAP/TW ZDU1.5/4AN BL		20	1776100000
ZEW 35		20	9540000000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
ZAD 7/4		20	1781940000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000

ZEI 6 — 6 mm²

Supply terminal



10 x 65 x 45
57 / 10
0.5...10

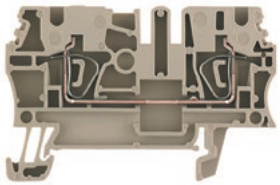
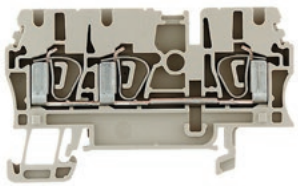
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	8 kV / 4		
	A5 / V-0		

Rated connection
0.5...10 / 0.5...6
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 6	20	1791190000
End plate is integrated.		

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZEW 35		20	9540000000
ZTA 3 ZDU6	9 A	25	1654050000
SDIS SLIM 0.8X4.0X100		1	2749620000
ZAD 3/4		20	1609120000
WS 12/6 MC NE WS		600	1609900000

	ZDU 2.5	ZDU 2.5/3AN
	2.5 mm²	2.5 mm²
	Two connections	Three connections
		
Width/Height/Depth mm	5.1 x 59.3 x 38.5	5.1 x 64.5 x 38.5
max. current / max. cond. cross-section A/mm²	30 / 4	31 / 4
Max. clamping range mm²	0.05...4	0.05...4

Technical data

	ZDU 2.5	ZDU 2.5/3AN
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
for wire cross-section mm²	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	800 / 600 / 550	800 / 600 / 550
	24 / 27 / 22	24 / 27 / 22
	2.5 / AWG 26...12 / 4 mm²	2.5 / AWG 26...12 / 4 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	DEMKO15ATEX1467U	DEMKO15ATEX1467U
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5	100	1608510000
Blue	ZDU 2.5 BL	100	1608520000
Note			

Type	Qty.	Order No.
ZDU 2.5/3AN	100	1608540000
ZDU 2.5/3AN BL	100	1608550000

Accessories

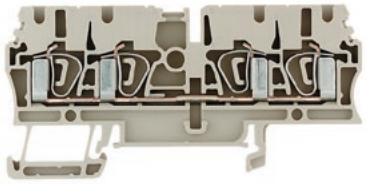
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
4-pole				
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW 1		50	1608740000
Blue	ZAP/TW 1 BL		50	1608750000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 1	9 A	25	1609040000
With spigot	ZTA 1/ZA	9 A	25	1609050000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
for conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0		1000	1614290000
Cover				
With lightning flash symbol	ZAD 1/4		20	1609110000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 2 DB		50	1608770000
ZAP/TW 2 BL		50	1608780000
ZEW 35		20	9540000000
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/4AN — 2.5 mm²

Four connections



5.1 x 79.5 x 38.5
27 / 4
0.05...4

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800		600	550
24		27	22
2.5		AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1467U

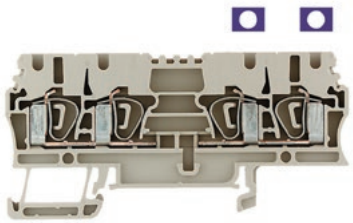
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

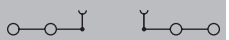
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 3		50	1608800000
ZAP/TW 3 BL		50	1608810000
ZEW 35		20	9540000000
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

ZDU 2.5/2x2AN — 2.5 mm²

Two potentials feasible



5.1 x 79.5 x 38.5
30 / 4
0.05...4

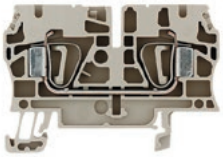
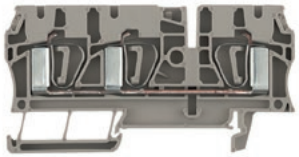


IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800		600	550
24		27	21
2.5		AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1567U

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

Type		Qty.	Order No.
ZAP/TW 3		50	1608800000
ZAP/TW 3 BL		50	1608810000
ZEW 35		20	9540000000
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

		ZDU 4	ZDU 4/3 AN
		4 mm²	4 mm²
		Two connections	Three connections
			
Width/Height/Depth	mm	6.1 x 62.4 x 42.6	6.1 x 83.5 x 43
max. current / max. cond. cross-section	A/mm²	41 / 6	41 / 6
Max. clamping range	mm²	0.13...6	0.13...6

Technical data

		ZDU 4				ZDU 4/3 AN			
Rated data									
Rated voltage	V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
Rated current	A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
		800	600	600	550	800	600	600	550
		32	30	35	28	32	30	35	28
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	6 mm²	4	AWG 26...10	AWG 26...10	6 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0				A4 / V-0		
Approvals		DEMKO15ATEX1467U				DEMKO15ATEX1467U			
Clamped conductors									
Solid / Stranded	mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note									

Ordering data

Version	ZDU 4 Type	Qty.	Order No.	ZDU 4/3 AN Type	Qty.	Order No.
dark beige	ZDU 4	100	1632050000	ZDU 4/3AN	50	7904180000
Blue	ZDU 4 BL	100	1632060000	ZDU 4/3AN BL	50	7904190000
Note						

Accessories

	ZDU 4 Type		Qty.	Order No.	ZDU 4/3 AN Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4/2 GE	32 A	60	1608950000	ZQV 4/2 GE	32 A	60	1608950000
4-pole								
10-pole	ZQV 4/10 GE	32 A	20	1609030000	ZQV 4/10 GE	32 A	20	1609030000
End plate / Partition plate								
dark beige	ZAP/TW 4		50	1632090000	ZAP/TW 4/3AN		20	7904100000
Blue	ZAP/TW 4 BL		50	1632100000	ZAP/TW 4/3AN BL		20	7904110000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter								
Standard	ZTA 2 ZDU4	9 A	25	1609060000	ZTA 2 ZDU4	9 A	25	1609060000
With spigot	ZTA 2/ZA ZDU4	9 A	25	1609070000	ZTA 2/ZA ZDU4	9 A	25	1609070000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves								
for conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000	ZRH 4/1 WS		1000	1636640000
for conductors < 1.0 mm² / AWG 18								
Cover								
With lightning flash symbol	ZAD 2/4		20	1609080000	ZAD 2/4		20	1609080000
Marking tags								
	DEK 5/6 MC NE WS		1000	1609820000	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

ZDU 4/4 AN — 4 mm²

Four connections

6.1 x 104.5 x 43
41 / 6
0.13...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	35	28
4	AWG 26...10	AWG 26...10	6 mm²
	8 kV / 3		
	A4 / V-0		
			DEMKO15ATEX1467U

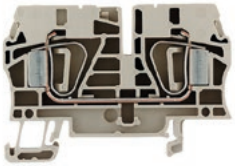
Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW4/4AN		20	7904210000
ZAP/TW4/4AN BL		20	7904220000
ZEW 35		20	9540000000
ZTA 2 ZDU4	9 A	25	1609060000
ZTA 2/ZA ZDU4	9 A	25	1609070000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
ZAD 2/4		20	1609080000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000

ZDU 6 — 6 mm²

Two connections



8.1 x 65 x 45
57 / 10
0.22...10

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800		600	550
41		50	39
6		AWG 20...8	10 mm²
	8 kV / 3		
	A5 / V-0		
			DEMKO15ATEX1467U

Rated connection
0.5...10 / 0.5...6
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

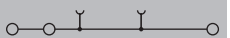
Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000
1000 V DC rated voltage tested.		

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW 5		50	1608830000
ZAP/TW 5 BL		50	1608840000
ZEW 35		20	9540000000
ZTA 3 ZDU6	9 A	25	1654050000
SDS 1.0X5.5X150		1	2749380000
ZAD 3/4		20	1609120000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 6/3 AN — 6 mm²

Three connections

8.1 x 90 x 45
57 / 10
0.22...10



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	39
6	AWG 22...8	AWG 20...8	10 mm²
	8 kV / 3		
	A5 / V-0		
			DEMKO15ATEX1467U

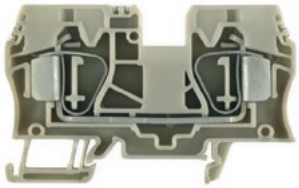
Rated connection
0.5...10 / 0.5...6
0.5...6 / 0.5...6
13 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW6/3AN		20	7907370000
ZAP/TW6/3AN BL		20	7907380000
ZEW 35		20	9540000000
ZTA 3 ZDU6	9 A	25	1654050000
SDS 1.0X5.5X150		1	2749380000
ZAD 3/4		20	1609120000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 10 — 10 mm²

Two connections



Width/Height/Depth	10 x 73.5 x 49.5 mm
max. current / max. cond. cross-section	72 / 16 A/mm²
Max. clamping range	1.31...16 mm²

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

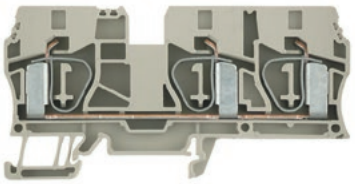
IEC	UL	CSA	EN 60079-7
1000		600	690
57		55	51
10		AWG 16...6	16 mm²
	8 kV / 3		
	A6 / V-0		
			DEMKO15ATEX1467U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

ZDU 10/3AN — 10 mm²

Three connections



Width/Height/Depth	10 x 99 x 49.5 mm
max. current / max. cond. cross-section	57 / 16 A/mm²
Max. clamping range	1.31...16 mm²

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
57	60	55	51
10	AWG 16...6	AWG 16...6	16 mm²
	8 kV / 3		
	A6 / V-0		
			DEMKO15ATEX1467U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 10	25	1746750000
Blue	ZDU 10 BL	25	1746760000

Note

Version	Type	Qty.	Order No.
	ZDU 10/3AN	20	1767690000
	ZDU 10/3AN BL	20	1767700000

Accessories

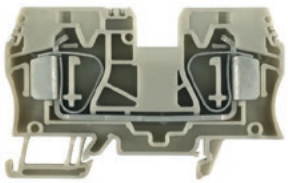
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 10/2	57 A	25	1739680000
4-pole				
End plate / Partition plate				
dark beige	ZAP/TW ZDU10		20	1748660000
Blue	ZAP/TW ZDU10 BL		20	1764110000
End bracket				
dark beige	ZEW 35		20	9540000000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Screwdriver				
Standard	SDS 1.0X5.5X150		1	2749380000
Cover				
With lightning flash symbol	ZAD 4/5		20	1746730000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000

Plug-in cross-connection	Type		Qty.	Order No.
	ZQV 10/2	57 A	25	1739680000
	ZAP/TW 10/16		20	1749580000
	ZAP/TW 10/16 BL		20	1768520000
	ZEW 35		20	9540000000
	PS 2.3 RT	20 mA	20	0180400000
	SDS 1.0X5.5X150		1	2749380000
	ZAD 4/5		20	1746730000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000

For detailed information on other accessories and application in the online catalogue

ZDU 16 — 16 mm²

Two connections



12 x 82.5 x 50.5
98 / 25
1.5...25

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000		600	690
76		65	68
16		AWG 14...4	25 mm²
	8 kV / 3		
	A7 / V-0		

DEMKO15ATEX1467U

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

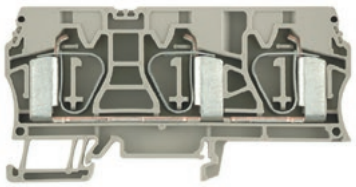
Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16. Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.

Type	Qty.	Order No.
ZDU 16	25	1745230000
ZDU 16 BL	25	1745240000

Type	Qty.	Order No.
ZQV 16/2 76 A	25	1739690000
ZAP/TW ZDU16	20	1745150000
ZAP/TW ZDU16 BL	20	1764100000
ZEW 35	20	9540000000
PS 2.3 RT 20 mA	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZDU 16/3 AN — 16 mm²

Three connections



12.1 x 99 x 50.5
76 / 25
1.5...25

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
76	65	65	66
16	AWG 14...4	AWG 14...4	25 mm²
	8 kV / 3		
	A7 / V-0		

DEMKO15ATEX1467U

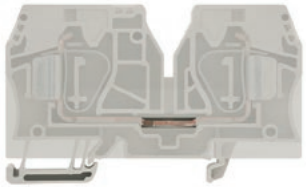
Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 16/3AN	20	1768320000
ZDU 16/3AN BL	20	1768330000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZAP/TW 10/16 BL	20	1768520000
ZEW 35	20	9540000000
PS 2.3 RT 20 mA	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZEI 16 — 16 mm²

Supply terminal



14.7 x 82.5 x 50.5
76 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	
	8 kV / 3		
	A7 / V-0		

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

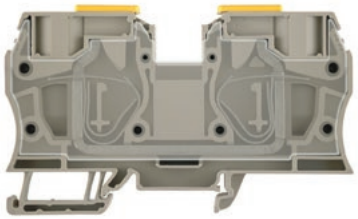
Type	Qty.	Order No.
ZEI 16	20	1745350000
ZEI 16 BL	20	1766240000

Integrated end plate.

Type	Qty.	Order No.
ZQV 2.5/2 24 A	60	1608860000
ZQV 6/4 GE 41 A	60	1627870000
ZEW 35	20	9540000000
PS 2.3 RT 20 mA	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZDU 35 — 35 mm²

Two connections



Width/Height/Depth	16 x 100.5 x 58.5 mm
max. current / max. cond. cross-section	**125 / 35** A/mm²
Max. clamping range	**2.5...35** mm²

IEC 60947-7-1

Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800		600	690
125		120	110
35		AWG 12...2	35 mm²
	8 kV / 3		
	A8 / V-0		
			DEMKO15ATEX1467U

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

Note

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.

Ordering data

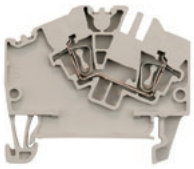
Version	Type	Qty.	Order No.
dark beige	ZDU 35	10	**1739620000**
Blue	ZDU 35 BL	10	**1739630000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 35/2	125 A	10	**1739700000**
4-pole				
End plate / Partition plate				
dark beige				
Blue				
End bracket				
dark beige	ZEW 35		20	**9540000000**
Testing / Checking				
Test plug				
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Cover				
With lightning flash symbol	ZAD 6/5		20	**1752620000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 15/5 MC NE WS		480	**1609880000**

For detailed information on other accessories and application in the online catalogue

		ZDU 2.5-2	2.5 mm²	ZDU 2.5-2/3AN	2.5 mm²
		Two connections		Three connections	
					
Width/Height/Depth	mm	5.1 x 50.5 x 43		5.1 x 50.5 x 43	
max. current / max. cond. cross-section	A/mm²	24 / 2.5		24 / 2.5	
Max. clamping range	mm²	0.13...2.5		0.13...2.5	

Technical data

		ZDU 2.5-2				ZDU 2.5-2/3AN			
Rated data									
		IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	550	800		600	550
Rated current	A	24	24	24	21	24		23	21
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	4 mm²	2.5		AWG 26...14	4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0				A2 / V-0			
Approvals					DEMKO16ATEX1808U				DEMKO16ATEX1808U
Clamped conductors									
		Rated connection				**Rated connection**			
Solid / Stranded	mm²	0.5...2.5 / 2.5...0.5				0.5...2.5 / 2.5...0.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5				0.5...2.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

		ZDU 2.5-2			ZDU 2.5-2/3AN		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige		ZDU 2.5-2	100	**1772060000**	ZDU 2.5-2/3AN	100	**1706010000**
Blue		ZDU 2.5-2 BL	100	**1772070000**	ZDU 2.5-2/3AN BL	100	**1706040000**
Note							

Accessories

		ZDU 2.5-2			ZDU 2.5-2/3AN		
Plug-in cross-connection		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
2-pole		ZQV 2.5/2 24 A	60	**1608860000**	ZQV 2.5/2 24 A	60	**1608860000**
10-pole		ZQV 2.5/10 24 A	20	**1608940000**	ZQV 2.5/10 24 A	20	**1608940000**
End plate / Partition plate							
dark beige		ZAP/TW7	50	**1706110000**	ZAP/TW7	50	**1706110000**
Blue		ZAP/TW7 BL	50	**1706120000**	ZAP/TW7 BL	50	**1706120000**
End bracket							
dark beige		ZEW 35	20	**9540000000**	ZEW 35	20	**9540000000**
Test adapter							
With spigot		ZTA 4 11 A	25	**1688110000**	ZTA 4 11 A	25	**1688110000**
Screwdriver							
Standard		SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Reducing sleeves							
for conductors < 0.5 mm² / AWG 20		ZRH 1.5H/1	1000	**1678810000**	ZRH 1.5H/1	1000	**1678810000**
for conductors < 1.0 mm² / AWG 18		ZRH 1.5H/2	1000	**1678800000**	ZRH 1.5H/2	1000	**1678800000**
Cover							
With lightning flash symbol		ZAD 1/4-2 GE	20	**1764560000**	ZAD 1/4-2 GE	20	**1764560000**
Marking tags							
		DEK 5/5 MC SDR	200	**1609810000**	DEK 5/5 MC SDR	200	**1609810000**
		WS 8/5 MM WS	800	**2007150000**	WS 8/5 MM WS	800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZDU 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 43
24 / 2.5
0.13...2.5

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	23	21
2.5	AWG 26...12	AWG 26...14	4 mm²
8 kV / 3			
A2 / V-0			

DEMKO16ATEX1808U

Rated connection
0.5...2.5 / 2.5...0.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

Type		Qty.	Order No.
ZQB 2.5-2	24 A	50	1677120000
ZAP/TW7		50	1706110000
ZAP/TW7 BL		50	1706120000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000
DEK 5/5 MC SDR		200	1609810000
WS 8/5 MM WS		800	2007150000

ZDU 4-2 — 4 mm²

Two connections

6.1 x 61.5 x 45.5
32 / 6
0.13...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	33	29
4	AWG 26...10	AWG 26...10	6 mm²
8 kV / 3			
A3 / V-0			

DEMKO16ATEX1808U

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

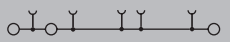
Type	Qty.	Order No.
ZDU 4-2/2AN	50	1770370000
ZDU 4-2/2AN BL	50	1770840000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP ZDU4-2		50	1770400000
ZAP ZDU4-2 BL		50	1770880000
ZEW 35		20	9540000000
ZTA 6/ZA	17.5 A	25	1780660000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZAD 1/4		20	1609110000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 MC NE WS		1000	1609820000

ZDU 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 45.5
38 / 6
0.13...6



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

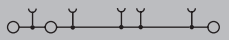
IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	33	29
4	AWG 26...10	AWG 26...10	6 mm²
8 kV / 3			
A3 / V-0			

DEMKO16ATEX1808U

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/3AN	50	1770360000
ZDU 4-2/3AN BL	50	1770860000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP ZDU4-2		50	1770400000
ZAP ZDU4-2 BL		50	1770880000
ZEW 35		20	9540000000
ZTA 6/ZA	17.5 A	25	1780660000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZAD 1/4		20	1609110000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

		ZDU 4-2/3AN LSC	4 mm²	ZDU 4-2/4AN	4 mm²
		Three connections		Four connections	
Width/Height/Depth	mm	6.1 x 61.5 x 45.5		6.1 x 75.1 x 45.5	
max. current / max. cond. cross-section	A/mm²	**38 / 6** 		**32 / 6**	
Max. clamping range	mm²	**0.13...6**		**0.13...6**	

Technical data

Rated data		ZDU 4-2/3AN LSC				ZDU 4-2/4AN			
		IEC 60947-7-1				IEC 60947-7-1		Ex eb II C Gb / II 2 G D	
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800				800	600	600	440
Rated current	A	32				32	33	33	29
for wire cross-section	mm²	4				4	AWG 26...10	AWG 26...10	6 mm²
Rated impulse withstand voltage / Pollution severity				8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0				A3 / V-0	
Approvals									DEMKO16ATEX1808U
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

Version		ZDU 4-2/3AN LSC			ZDU 4-2/4AN		
		Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige		ZDU 4-2/3AN LSC	50	**1790520000**	ZDU 4-2/4AN	50	**1806980000**
Blue		ZDU 4-2/3AN LSC BL	50	**1804880000**	ZDU 4-2/4AN BL	50	**1806990000**
Note							

Accessories

		ZQV 4/2 GE				ZQV 4/2 GE		
		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection									
2-pole		ZQV 4/2 GE	32 A	60	**1608950000**	ZQV 4/2 GE	32 A	60	**1608950000**
4-pole									
10-pole		ZQV 4/10 GE	32 A	20	**1609030000**	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate									
dark beige		ZAP ZDU4-2		50	**1770400000**	ZAP ZDU4-2/4AN		50	**1807010000**
Blue		ZAP ZDU4-2 BL		50	**1770880000**	ZAP ZDU4-2/4AN BL		50	**1807020000**
End bracket									
dark beige		ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
With spigot		ZTA 6/ZA	17.5 A	25	**1780660000**	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver									
Standard		SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Cover									
With lightning flash symbol		ZAD 1/4		20	**1609110000**	ZAD 1/4		20	**1609110000**
Marking tags									
		DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
		WS 12/6 MC NE WS		600	**1609900000**	WS 12/6 MC NE WS		600	**1609900000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

ZDU 6-2/2AN — 6 mm²

Two connections

8.1 x 68 x 49.5
41 / 10
0.22...10

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm²
	8 kV / 3		
	A5 / V-0		

DEMKO16ATEX1808U

Rated connection
0.5...10 / 0.5...6
0.5...10 / 0.5...6
12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA	9 A	25	1780670000
SDIS SLIM 0.8X4.0X100		1	2749620000
ZAD 2/4		20	1609080000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 49.5
41 / 10
0.22...10

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm²
	8 kV / 3		
	A5 / V-0		

DEMKO16ATEX1808U

Rated connection
0.5...10 / 0.5...6
0.5...10 / 0.5...6
12 / 0.8 x 4.0 mm

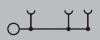
Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA	9 A	25	1780670000
SDIS SLIM 0.8X4.0X100		1	2749620000
ZAD 2/4		20	1609080000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZEI 16-2/1AN — 16 mm²

Supply terminal

14 x 61.5 x 50.5
76 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	
	6 kV / 3		
	A7 / V-0		

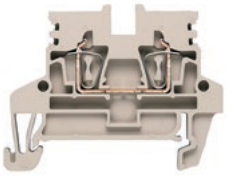
Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZAP/Z...16-2/1AN		10	1772970000
ZEW 35		20	9540000000
SDS 1.0X5.5X150		1	2749380000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000

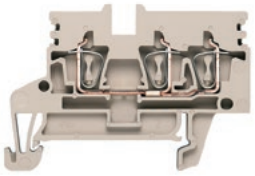
ZDU 2.5N — 2.5 mm²

Two connections



ZDU 2.5N/3AN — 2.5 mm²

Three connections



Width/Height/Depth	mm	5.1 x 50.5 x 38.5	5.1 x 56.5 x 38.5
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.05...4	0.05...4

Technical data

Rated data		ZDU 2.5N	ZDU 2.5N/3AN
Rated voltage	V	800	800
Rated current	A	24	24
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals			
Clamped conductors			
Solid / Stranded	mm²	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Approvals	ZDU 2.5N	ZDU 2.5N/3AN
IEC 60947-1	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
IEC	800	800
UL	300	300
CSA	24	24
EN 60079-7		
IEC	24	24
UL	20	20
CSA	24	24
EN 60079-7		
IEC	2.5	2.5
UL	AWG 30...12	AWG 30...12
CSA	AWG 30...12	AWG 30...12
EN 60079-7		

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5N	50	1933700000
Blue	ZDU 2.5N BL	50	1933710000

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5N/3AN	50	1933720000
Blue	ZDU 2.5N/3AN BL	50	1933730000

Note

Accessories

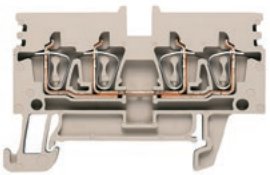
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDU/ZPE 2.5N		20	1933790000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol	ZAD 9/4		20	1934160000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 M MC NE WS		720	1792000000
	WS 8/5 MM WS		800	2007150000

	Type		Qty.	Order No.
	ZQV 2.5/2	24 A	60	1608860000
	ZQV 2.5/10	24 A	20	1608940000
	ZAP/TW ZDU/ZPE 2.5N/3AN		50	1933800000
	ZEW 35		20	9540000000
	ZTA ZT2.5	17.5 A	25	1827080000
	ZTA ZT2.5/ZA	17.5 A	25	1847600000
	SDIS SLIM 0.6X3.5X100		1	2749610000
	ZRH 1.5H/1		1000	1678810000
	ZRH 1.5H/2		1000	1678800000
	ZAD 9/4		20	1934160000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 M MC NE WS		720	1792000000
	WS 8/5 MM WS		800	2007150000

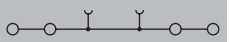
For detailed information on other accessories and application in the online catalogue

ZDU 2.5N/4AN — 2.5 mm²

Four connections



5.1 x 60 x 38.5
24 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	
24	20	24	
2.5	AWG 30...12	AWG 30...12	
	6 kV / 3		
	A2 / V-0		

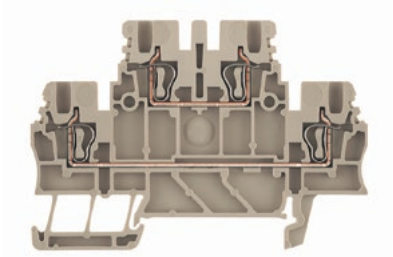
Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	**1933740000**
ZDU 2.5N/4AN BL	50	**1933750000**

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDU/ZPE 2.5N/4AN		50	**1933810000**
ZEW 35		20	**9540000000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZAD 9/4		20	**1934160000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
WS 8/5 MM WS		800	**2007150000**

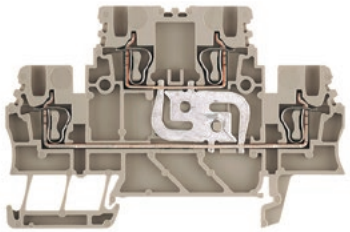
ZDK 1.5 — 1.5 mm²

Double-level terminal

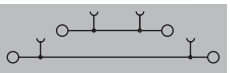


ZDK 1.5V — 1.5 mm²

Vertically cross-connected double-level terminal



		ZDK 1.5	ZDK 1.5V
Width/Height/Depth	mm	3.5 x 75.5 x 49.5	3.5 x 75.5 x 49.5
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**17.5 / 1.5**
Max. clamping range	mm²	**0.05...1.5**	**0.05...1.5**



Technical data

Rated data		ZDK 1.5	ZDK 1.5V
IEC 60947-7-1			
IEC		500	500
UL		300	300
CSA		600	600
EN 60079-7			
Rated voltage	V	17.5	17.5
Rated current	A	10	10
for wire cross-section	mm²	1.5	1.5
		AWG 28...16	AWG 28...16
		AWG 28...16	AWG 28...16
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0	B1 / V-0
Approvals		CE cULus UKCA	CE cULus UKCA
Clamped conductors			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm	10 / 0.4 x 2.0 mm
Note			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	ZDK 1.5	100	**1791100000**	ZDK 1.5V	100	**1791130000**
	Blue	ZDK 1.5 BL	100	**1791110000**	ZDK 1.5V BL	50	**1791140000**
Note							

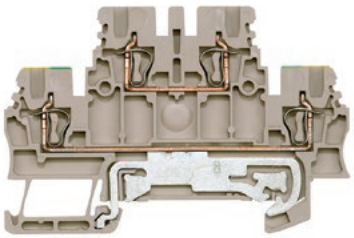
Accessories

		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection									
	2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**	ZQV 1.5/2	17.5 A	60	**1776120000**
	10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**	ZQV 1.5/10	17.5 A	20	**1776200000**
End plate / Partition plate									
	dark beige	ZAP/TW ZDK1.5		20	**1791160000**	ZAP/TW ZDK1.5		20	**1791160000**
	Blue	ZAP/TW ZDK1.5 BL		20	**1791170000**	ZAP/TW ZDK1.5 BL		20	**1791170000**
End bracket									
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	Standard								
	With spigot								
Screwdriver									
	Standard	SDS 0.4X2.0X60		1	**2749260000**	SDS 0.4X2.0X60		1	**2749260000**
Reducing sleeves									
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	**1781950000**	ZRH 1.5S/1		500	**1781950000**
	for conductors < 1.0 mm² / AWG 18								
Marking tags									
		DEK 5/3.5 MC NE WS		500	**1755270000**	DEK 5/3.5 MC NE WS		500	**1755270000**
		DEK 5/3.5 MM WS		1000	**2007100000**	DEK 5/3.5 MM WS		1000	**2007100000**
Cover									
	With lightning flash symbol	ZAD 7/4		20	**1781940000**	ZAD 7/4		20	**1781940000**

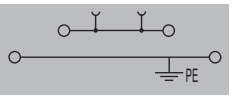
For detailed information on other accessories and application in the online catalogue

ZDK 1.5 DU-PE — 1.5 mm²

Double-level terminal (DU-PE)



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



IEC	UL	CSA	EN 60079-7
500	300		
17.5	10		
1.5	AWG 28...16	AWG 28...16	
	6 kV /		
	/ V-0		

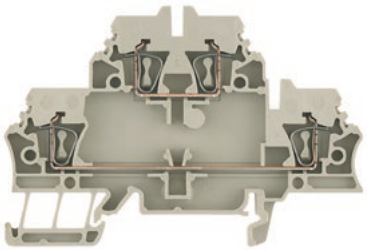
Rated connection
...2.5 1.5
...1.5 1.5

Type	Qty.	Order No.
ZDK 1.5DU-PE	100	1791120000

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDK1.5		20	1791160000
ZAP/TW ZDK1.5 BL		20	1791170000
ZEW 35		20	9540000000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
DEK 5/3.5 MC NE WS		500	1755270000
DEK 5/3.5 MM WS		1000	2007100000
ZAD 7/4		20	1781940000

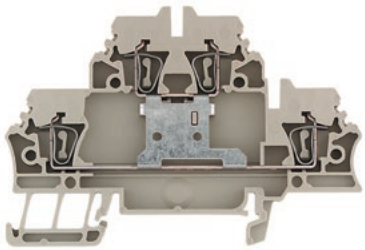
ZDK 2.5 — 2.5 mm²

Double-level terminal

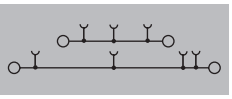


ZDK 2.5 V — 2.5 mm²

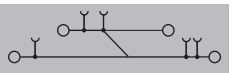
Vertically cross-connected double-level terminal



Width/Height/Depth	mm	5.1 x 79.5 x 53
max. current / max. cond. cross-section	A/mm²	20 / 2.5
Max. clamping range	mm²	0.05...2.5



Width/Height/Depth	mm	5.1 x 79.5 x 53
max. current / max. cond. cross-section	A/mm²	20 / 2.5
Max. clamping range	mm²	0.05...2.5



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300		440
Rated current	A	20	15		20
for wire cross-section	mm²	2.5	AWG 26...14	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals		IEC 60947-1		Ex eb II C Gb	Ex II 2 G D
					DEMKO16ATEX1729U
Clamped conductors					
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300		440
Rated current	A	20	15		20
for wire cross-section	mm²	2.5	AWG 26...14	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals		IEC 60947-1		Ex eb II C Gb	Ex II 2 G D
					DEMKO16ATEX1729U
Clamped conductors					
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5	50	1674300000
Blue	ZDK 2.5 BL	50	1678630000

Note

ZBS 1 component plug ZBS 1 can be used for LED (1764550000).

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5V	50	1689990000
Blue	ZDK 2.5V BL	50	1745880000

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5		20	1674730000
Blue	ZAP/TW ZDK2.5 BL		20	1748800000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA ZDK 2.5	6 A	5	1052660000
With spigot	ZTA ZDK 2.5/ZA	6 A	5	1052680000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
Cover				
With lightning flash symbol				

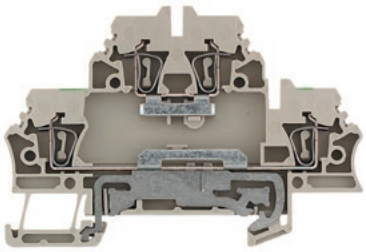
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5		20	1674730000
Blue	ZAP/TW ZDK2.5 BL		20	1748800000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA ZDK 2.5	6 A	5	1052660000
With spigot	ZTA ZDK 2.5/ZA	6 A	5	1052680000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
Cover				
With lightning flash symbol				

For detailed information on other accessories and application in the online catalogue

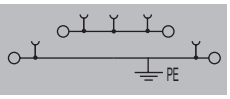
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDK 2.5 DU-PE — 2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300		352
20	15		20
2.5	AWG 26...14	AWG 26...12	2.5 mm²
6 kV / 3			
A2 / V-0			

DEMKO16ATEX1729U

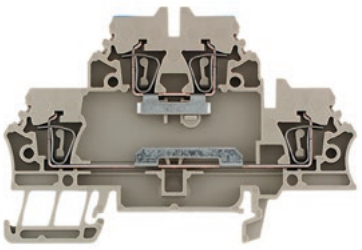
Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5DU-PE	50	1689970000

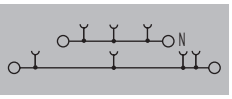
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5	6 A	5	1052660000
ZTA ZDK 2.5/ZA	6 A	5	1052680000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5 N-DU — 2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 53
23 / 2.5
0.05...2.5



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300		352
20	15		19
2.5	AWG 26...14	AWG 26...12	2.5 mm²
6 kV / 3			
A2 / V-0			

DEMKO16ATEX1729U

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

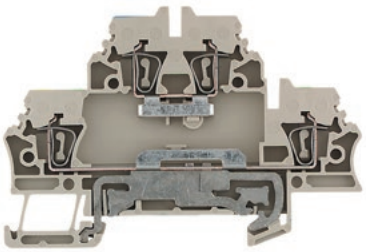
Type	Qty.	Order No.
ZDK 2.5N-DU	50	1689960000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5	6 A	5	1052660000
ZTA ZDK 2.5/ZA	6 A	5	1052680000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

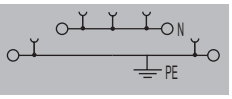
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDK 2.5 N-PE — 2.5 mm²

Neutral & PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300		352
20	15		20
2.5	AWG 26...14	AWG 26...12	2.5 mm²
6 kV / 3			
A2 / V-0			

DEMKO16ATEX1729U

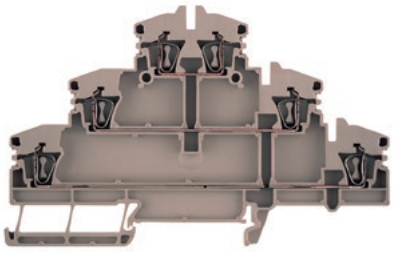
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5N-PE	50	1689980000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5	6 A	5	1052660000
ZTA ZDK 2.5/ZA	6 A	5	1052680000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

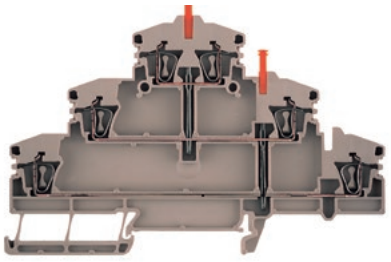
ZDLD 2.5-2 N — 2.5 mm²

Three levels

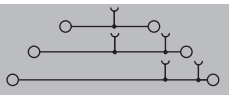


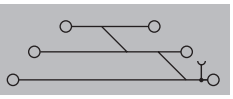
ZDLD 2.5-2 VN — 2.5 mm²

Vertically cross-connected multi-level terminal



		ZDLD 2.5-2 N	ZDLD 2.5-2 VN
Width/Height/Depth	mm	5.1 x 110.5 x 69	5.1 x 110.5 x 69
max. current / max. cond. cross-section	A/mm²	**20 / 2.5**	**20 / 2.5**
Max. clamping range	mm²	**0.08...2.5**	**0.08...2.5**





Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500	300	300	
Rated current (A)	20	15	15	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE cULus UKCA			
Clamped conductors				
Solid / Stranded (mm²)	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400	300	300	
Rated current (A)	20	15	15	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE cULus UKCA			
Clamped conductors				
Solid / Stranded (mm²)	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDLD 2.5-2N	50	**1782300000**
Blue	ZDLD 2.5-2N BL	50	**1782310000**

Version	Type	Qty.	Order No.
dark beige	ZDLD 2.5-2VN	25	**1782320000**
Blue	ZDLD 2.5-2VN BL	25	**1782330000**

Note

Accessories

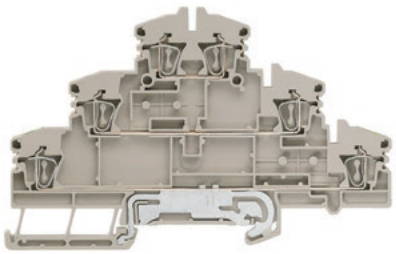
	Type		Qty.	Order No.
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	**1720700000**
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDLD2.5-2N		20	**1782340000**
Blue	ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 4	11 A	25	**1688110000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**
Reducing sleeves				
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDLD2.5-2N		20	**1782340000**
ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

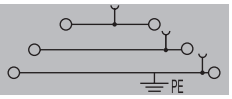
For detailed information on other accessories and application in the online catalogue

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDLD 2.5-2 N PE/L/L — 2.5 mm²



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

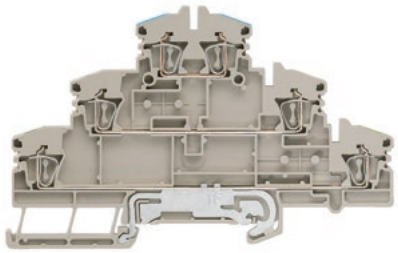
CE cULus

Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

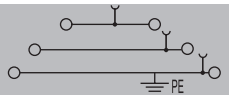
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/L	50	1131750000

Type		Qty.	Order No.
ZVQ 2.5/1.5	24 A	50	1720700000
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
SWIFTY CUT AND STRIP SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDLD 2.5-2 N PE/L/N — 2.5 mm²



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

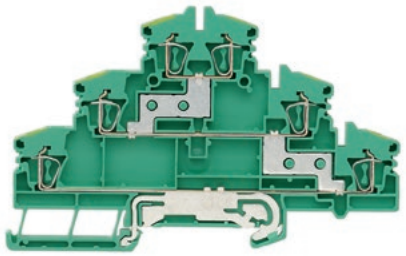
CE cULus

Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

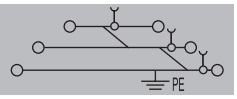
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/N	50	1131760000

Type		Qty.	Order No.
ZVQ 2.5/1.5	24 A	50	1720700000
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
SWIFTY CUT AND STRIP SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDLD 2.5-2 N PE — 2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
2.5	AWG 26...12	AWG 26...12	
	/ 3		
	/ V-0		

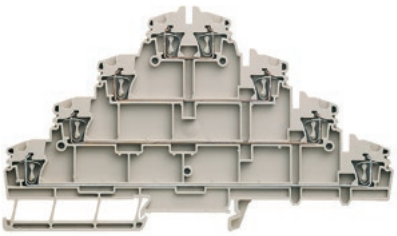
CE cULus

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 /

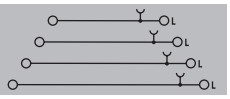
Type	Qty.	Order No.
ZDLD 2.5-2N PE	50	1131740000

Type		Qty.	Order No.
ZVQ 2.5/1.5	24 A	50	1720700000
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
SWIFTY CUT AND STRIP SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZVLD 2.5 — 2.5 mm²



Width/Height/Depth	mm	5.1 x 148 x 85
max. current / max. cond. cross-section	A/mm²	**20 / 2.5**
Max. clamping range	mm²	**0.14...2.5**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	250			
Rated current (A)	20			
for wire cross-section (mm²)	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded (mm²)	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...2.5
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZVLD 2.5	50	**1208920000**

Note

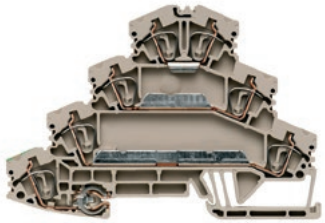
Accessories

	Type		Qty.	Order No.
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	**1720700000**
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP ZVLD 2.5		10	**1210410000**
End bracket				
dark beige	ZEW 35/2		20	**8630740000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

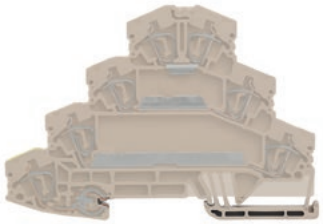
ZMAK 2.5 — 2.5 mm²

Motor-supply terminal

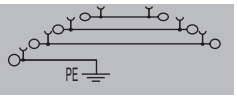


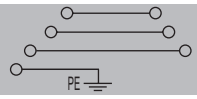
ZMAK 2.5 690 V — 2.5 mm²

Motor-supply terminal



		ZMAK 2.5	ZMAK 2.5 690 V
Width/Height/Depth	mm	5.1 x 102 x 69.5	6.1 x 102 x 69.5
max. current / max. cond. cross-section	A/mm²	**31 / 4**	**31 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400	300	300	
Rated current (A)	24	25	25	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	690	300		
Rated current (A)	24	25		
for wire cross-section (mm²)	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZMAK 2.5	25	**1768000000**

Note

Version	Type	Qty.	Order No.
dark beige	ZMAK 2.5 690V	25	**1027550000**

The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm.

Accessories

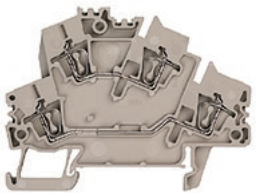
	Type	Qty.	Order No.
End plate / Partition plate			
dark beige	ZAP ZMAK2.5	10	**1768010000**
End bracket			
dark beige	ZEW 35	20	**9540000000**
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Reducing sleeves			
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	1000	**1678810000**
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	1000	**1678800000**
Test adapter			
Standard	ZTA 1 9 A	25	**1609040000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/5 MC NE WS	720	**1609860000**
	DEK 5/5 MM WS	800	**2007110000**
	WS 8/5 MM WS	800	**2007150000**

	Type	Qty.	Order No.
	ZAP ZMAK2.5	10	**1768010000**
	ZEW 35	20	**9540000000**
	SDIS SLIM 0.6X3.5X100	1	**2749610000**
	ZRH 1.5H/1	1000	**1678810000**
	ZRH 1.5H/2	1000	**1678800000**
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/5 MC NE WS	720	**1609860000**

For detailed information on other accessories and application in the online catalogue

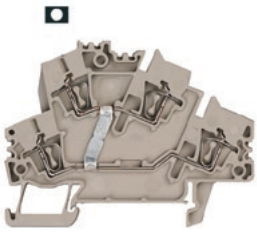
ZDK 2.5-2 — 2.5 mm²

Double-level terminal



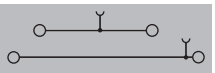
ZDK 2.5-2V — 2.5 mm²

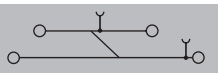
Vertical cross-connected double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5-2	ZDK 2.5-2V
5.1 x 72.5 x 54.5	5.1 x 72.5 x 54.5
24 / 4	**24 / 4**
0.05...4	**0.05...4**





Technical data

	ZDK 2.5-2	ZDK 2.5-2V
IEC 60947-7-1	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Stripping length / Blade size	mm/-	

IEC	UL	CSA	EN 60079-7	Approvals	Rated connection
800			550	DEMKO16ATEX1808U	0.5...4 / 0.5...2.5
24			21		0.5...2.5 / 0.5...1.5
2.5			4 mm²		10 / 0.6 x 3.5 mm
	8 kV / 3				
	A2 / V-0				

IEC	UL	CSA	EN 60079-7	Approvals	Rated connection
800	600	300	550	DEMKO16ATEX1808U	0.5...4 / 0.5...2.5
24	20	25	21		0.5...2.5 / 0.5...1.5
2.5	AWG 30...12	AWG 30...12	4 mm²		10 / 0.6 x 3.5 mm
	8 kV / 3				
	A2 / V-0				

Note

Ordering data

Version	ZDK 2.5-2 Type	Qty.	Order No.	ZDK 2.5-2V Type	Qty.	Order No.
dark beige	ZDK 2.5-2	50	1790990000	ZDK 2.5-2V	50	1791030000
Blue	ZDK 2.5-2 BL	50	1791000000	ZDK 2.5-2V BL	50	1791040000

Note

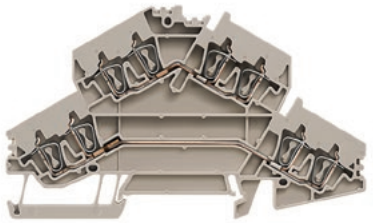
Accessories

	ZDK 2.5-2 Type		Qty.	Order No.	ZDK 2.5-2V Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate								
dark beige	ZAP/TW ZDK2.5-2		20	1791050000	ZAP/TW ZDK2.5-2		20	1791050000
Blue	ZAP/TW ZDK2.5-2 BL		20	1791060000	ZAP/TW ZDK2.5-2 BL		20	1791060000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter								
With spigot	ZTA 4	11 A	25	1688110000	ZTA 4	11 A	25	1688110000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves								
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000	ZRH 1.5H/2		1000	1678800000
Cover								
With lightning flash symbol	ZAD 1/4-2 GE		20	1764560000	ZAD 1/4-2 GE		20	1764560000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000

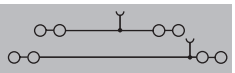
For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2/4 — 2.5 mm²

Double-level terminal



Width/Height/Depth	5.1 x 104 x 62 mm
max. current / max. cond. cross-section	**26 / 4** A/mm²
Max. clamping range	**0.05...4** mm²



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	550
22	20	20	19
2.5	AWG 30...12	AWG 30...12	4 mm²
	8 kV / 3		
	A2 / V-0		
			DEMKO16ATEX1808U
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	dark beige

Note

Type	Qty.	Order No.
ZDK 2.5-2/4AN	50	**1394040000**

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Screwdriver PH2
Reducing sleeves	
	for conductors < 0.5 mm² / AWG 20
	for conductors < 1.0 mm² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDK2.5-2/4AN		20	**1394050000**
ZEW 35		20	**9540000000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
SDS 0.6X3.5X100		1	**2749340000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZAD 1/4-2 GE		20	**1764560000**
SNAPMARK I		50	**1805880000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
WS 8/5 MM WS		800	**2007150000**

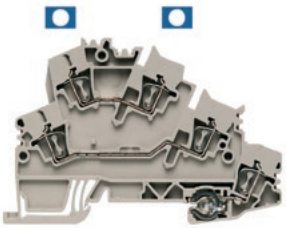
For detailed information on other accessories and application in the online catalogue

ZDKPE 2.5-2 — 2.5 mm²

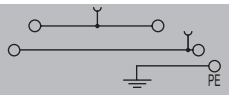
Double-tier terminal with one-sided PE connection

ZDKPE 2.5-2/N/L/PE — 2.5 mm²

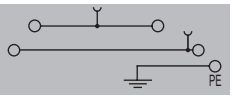
Double-tier terminal with one-sided PE connection



Width/Height/Depth	mm	5.1 x 89.5 x 59.5
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.05...4**



Width/Height/Depth	mm	5.1 x 89.5 x 59.5
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600	300	
Rated current (A)	24	20	25	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 4			
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600		
Rated current (A)	24	20		
for wire cross-section (mm²)	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDKPE 2.5-2	50	**1805940000**

Note

Version	Type	Qty.	Order No.
dark beige	ZDKPE 2.5-2/N/L/PE	50	**1895700000**

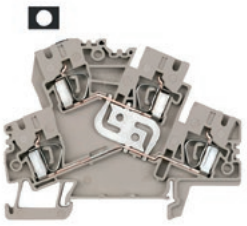
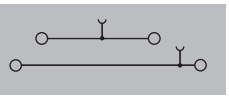
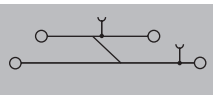
Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDKPE2.5-2		25	**1805960000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 4	11 A	25	**1688110000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 1/4-2 GE		20	**1764560000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	WS 8/5 MM WS		800	**2007150000**

	Type		Qty.	Order No.
	ZQV 2.5/2	24 A	60	**1608860000**
	ZQV 2.5/10	24 A	20	**1608940000**
	ZAP/TW ZDKPE2.5-2		25	**1805960000**
	ZEW 35		20	**9540000000**
	ZTA 4	11 A	25	**1688110000**
	SDIS SLIM 0.6X3.5X100		1	**2749610000**
	SWIFTY CUT AND STRIP SET		1	**9006060000**
	ZRH 1.5H/1		1000	**1678810000**
	ZRH 1.5H/2		1000	**1678800000**
	ZAD 1/4-2 GE		20	**1764560000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

	ZDK 4 -2	ZDK 4-2 V
	4 mm²	4 mm²
	Double-level terminal	Vertical cross-connected double-level terminal
		
Width/Height/Depth mm	6.1 x 77.6 x 60	6.1 x 77.6 x 60
max. current / max. cond. cross-section A/mm²	**32 / 6**	**32 / 6**
Max. clamping range mm²	**0.13...6** 	**0.13...6** 

Technical data

	ZDK 4 -2	ZDK 4-2 V
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage V	800	800
Rated current A	32	32
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	CE cULus UKCA	CE cULus UKCA
Clamped conductors		
Solid / Stranded mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	

Ordering data

Version	ZDK 4 -2 Type	Qty.	Order No.	ZDK 4-2 V Type	Qty.	Order No.
dark beige	ZDK 4-2	50	**8670750000**	ZDK 4-2 V	50	**8671080000**
Blue	ZDK 4-2 BL	50	**8670850000**			
Note						

Accessories

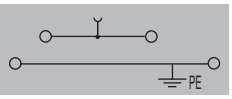
	ZDK 4 -2 Type		Qty.	Order No.	ZDK 4-2 V Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**	ZQV 4/2 GE	32 A	60	**1608950000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate								
dark beige	ZAP/TW ZDK4-2		50	**8670760000**	ZAP/TW ZDK4-2		50	**8670760000**
End bracket								
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter								
With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Cover								
With lightning flash symbol	ZAD 1/4		20	**1609110000**	ZAD 1/4		20	**1609110000**
Marking tags								
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

ZDK 4-2 DU/PE — 4 mm²

Phase - PE conductor

Width/Height/Depth	mm	6.1 x 77.6 x 60
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

Rated data		IEC 60947-7-1 (-7-2)			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	
Rated current	A	32	25	30	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals		CE EAC cULus UKCA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version		Type	Qty.	Order No.
	dark beige	ZDK 4-2/DU-PE	50	**8671120000**
	Blue			

Note

Accessories

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
	10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate					
	dark beige	ZAP/TW ZDK4-2		50	**8670760000**
End bracket					
	dark beige	ZEW 35		20	**9540000000**
Test adapter					
	With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Cover					
	With lightning flash symbol	ZAD 1/4		20	**1609110000**
Marking tags					
		DEK 5/6 MC NE WS		1000	**1609820000**
		DEK 5/6 MM WS		600	**2007120000**
		WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

ZDK 4-2/2AN — 4 mm²

Double-level terminal

Width/Height/Depth	mm	8.1 x 78 x 60
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800			
Rated current A	32			
for wire cross-section mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.5...6 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2/2AN	50	**1119700000**

Note

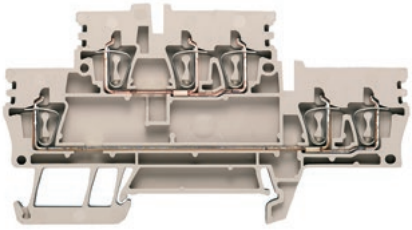
Accessories

	Type		Qty.	Order No.
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

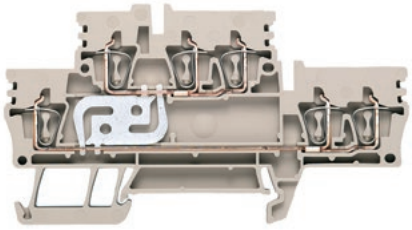
ZDK 2.5/3AN — 2.5 mm²

Double-level terminal

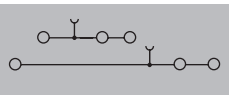


ZDK 2.5/3AN V — 2.5 mm²

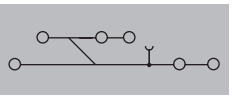
Vertical cross-connected double-level terminal



Width/Height/Depth	mm	5.1 x 93 x 50.5
max. current / max. cond. cross-section	A/mm²	24 / 4
Max. clamping range	mm²	0.05...4



Width/Height/Depth	mm	5.1 x 93 x 50.5
max. current / max. cond. cross-section	A/mm²	24 / 4
Max. clamping range	mm²	0.05...4



Technical data

	IEC 60947-7-1	Ex eb II C Gb	II 2 G D
Rated data			
Rated voltage	V	800	800
Rated current	A	24	24
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals		DEMKO16ATEX1729U	DEMKO16ATEX1729U
Clamped conductors			
Solid / Stranded	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

	IEC 60947-7-1	Ex eb II C Gb	II 2 G D
Rated data			
Rated voltage	V	800	800
Rated current	A	24	24
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals		DEMKO16ATEX1729U	DEMKO16ATEX1729U
Clamped conductors			
Solid / Stranded	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version		Type	Qty.	Order No.
	dark beige	ZDK 2.5/3AN	50	1924510000
	Blue	ZDK 2.5/3AN BL	50	1924500000
Note				

Version		Type	Qty.	Order No.
	dark beige	ZDK 2.5/3AN V	50	1924490000
	Blue	ZDK 2.5/3AN V BL	50	1924480000
Note				

Accessories

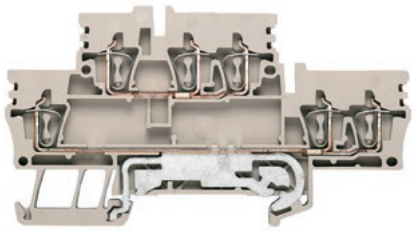
Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 2.5/2	24 A	60	1608860000
	10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate					
	dark beige	ZAP/TW ZDK 2.5/3AN		20	1924910000
End bracket					
	dark beige	ZEW 35		20	9540000000
Test adapter					
	Standard	ZTA ZT2.5	17.5 A	25	1827080000
	With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves					
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
	for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover					
	With lightning flash symbol	ZAD 9/4		20	1934160000
Marking tags					
		SNAPMARK I		50	1805880000
		DEK 5/5 MC NE WS		1000	1609801044
		WS 10/5 MC NE WS		720	1635000000
		WS 8/5 MM WS		800	2007150000

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 2.5/2	24 A	60	1608860000
	10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate					
	dark beige	ZAP/TW ZDK 2.5/3AN		20	1924910000
End bracket					
	dark beige	ZEW 35		20	9540000000
Test adapter					
	Standard	ZTA ZT2.5	17.5 A	25	1827080000
	With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves					
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
	for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover					
	With lightning flash symbol	ZAD 9/4		20	1934160000
Marking tags					
		SNAPMARK I		50	1805880000
		DEK 5/5 MC NE WS		1000	1609801044
		WS 10/5 MC NE WS		720	1635000000
		WS 8/5 MM WS		800	2007150000

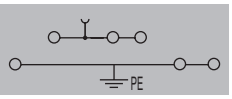
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/3AN DU-PE — 2.5 mm²

Double-level terminal (DU-PE)



Width/Height/Depth	5.1 x 93 x 50.5 mm
max. current / max. cond. cross-section	31 / 4 A/mm²
Max. clamping range	0.05...4 mm²



IEC 60947-7-1 (-7-2)

Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm²
	8 kV / 3		
	A2 / V-0		
			DEMKO16ATEX1729U

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	Green/yellow

Note

Type	Qty.	Order No.
ZDK 2.5/3AN DU-PE	50	1924460000

Accessories

Plug-in cross-connection			
	2-pole		
	10-pole		
End plate / Partition plate			
	dark beige		
End bracket			
	dark beige		
Test adapter			
	Standard		
	With spigot		
Screwdriver			
	Standard		
Reducing sleeves			
	for conductors < 0.5 mm² / AWG 20		
	for conductors < 1.0 mm² / AWG 18		
Cover			
	With lightning flash symbol		
Marking tags			

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK 2.5/3AN		20	1924910000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 9/4		20	1934160000
SNAPMARK I		50	1805880000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZPEA 2.5-2 — 2.5 mm²

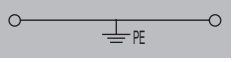
Two connections

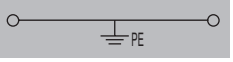
ZPEA 2.5-2N — 2.5 mm²

Two connections

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm²

ZPEA 2.5-2	ZPEA 2.5-2N
5.1 x 35 x 30	5.1 x 42.5 x 35
/ 4	/ 4
0.13...4	0.13...4





Technical data

Rated data	ZPEA 2.5-2	ZPEA 2.5-2N
for wire cross-section	mm²	
Rated voltage to adjoining terminal	V	
Rated impulse withstand voltage to adjacent terminal	kV	
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

	ZPEA 2.5-2	ZPEA 2.5-2N
IEC 60947-7-2	Ex eb II C Gb II 2 G D	IEC 60947-7-2
IEC	2.5	2.5
UL	500	800
CSA	6	8
EN 60079-7	4 mm²	
Rated short-time current	300 A (2.5 mm²)	300 A (2.5 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0	A2 / V-0
Approvals		

Clamped conductors	ZPEA 2.5-2	ZPEA 2.5-2N
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Twin wire-end ferrule	-	
Stripping length / Blade size	mm/-	

Rated connection	ZPEA 2.5-2	ZPEA 2.5-2N
	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note	ZPEA 2.5-2	ZPEA 2.5-2N
	TS 15 - sliced construction	TS 15 - sliced construction

Ordering data

Version	ZPEA 2.5-2	ZPEA 2.5-2N
	Green/yellow	

Type	Qty.	Order No.	Type	Qty.	Order No.
ZPEA 2.5-2	100	1720950000	ZPEA 2.5-2N	50	1808210000

Note	ZPEA 2.5-2	ZPEA 2.5-2N

Accessories

End plate / Partition plate	ZPEA 2.5-2	ZPEA 2.5-2N
	dark beige	

Type	Qty.	Order No.	Type	Qty.	Order No.
ZAP/TW ZDUA	50	1720960000	ZAP/TW ZDUA2.5-2N	50	1808170000

End bracket	ZPEA 2.5-2	ZPEA 2.5-2N
	dark beige	
	beige	

Type	Qty.	Order No.	Type	Qty.	Order No.
ZEW 15	20	7920340000	ZEW 15	20	7920340000

Screwdriver	ZPEA 2.5-2	ZPEA 2.5-2N
	Standard	

Type	Qty.	Order No.	Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000	SDIS SLIM 0.6X3.5X100	1	2749610000

Reducing sleeves	ZPEA 2.5-2	ZPEA 2.5-2N
	for conductors < 0.5 mm² / AWG 20	

Marking tags	ZPEA 2.5-2	ZPEA 2.5-2N
	DEK 5/5 MC NE WS	DEK 5/5 MC NE WS
	WS 10/5 MC NE WS	WS 10/5 MC NE WS
	WS 8/5 MM WS	WS 8/5 MM WS

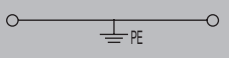
Type	Qty.	Order No.	Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000	WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000	WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZPEB 2.5-2 — 2.5 mm²

Two connections

5.1 x 33.5 x 31
/ 4
0.13...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

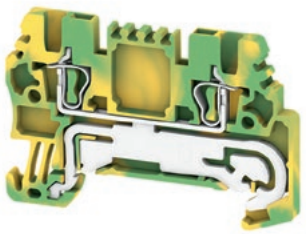
TS 15 - block construction

Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

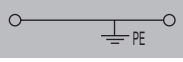
Type	Qty.	Order No.
ZAP ZDUB	50	1704750000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZPE 1.5 — 1.5 mm²

Two connections



3.5 x 54.5 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			

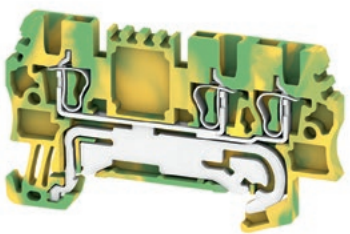
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5	50	1775510000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	20	1776030000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

ZPE 1.5/3AN — 1.5 mm²

Three connections



3.5 x 63 x 36.5
/ 1.5
0.05...1.5

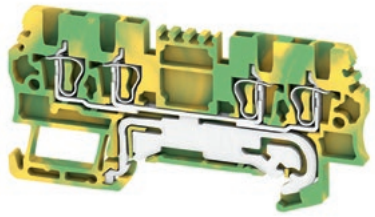
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5/3AN	50	1775560000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/3AN	20	1776060000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

	ZPE 1.5/4AN	ZPE 2.5
	1.5 mm²	2.5 mm²
	Four connections	Two connections
		
Width/Height/Depth / mm	3.5 x 75.5 x 36.5	5.1 x 63 x 38.5
max. current / max. cond. cross-section / -/mm²	/ 1.5	/ 4
Max. clamping range / mm²	0.05...1.5	0.05...4

Technical data

	ZPE 1.5/4AN	ZPE 2.5
Rated data		
for wire cross-section / mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal / V	1.5 / 500	2.5 / 800
Rated impulse withstand voltage to adjacent terminal / kV	6	8
Rated short-time current	180 A (1.5 mm²)	300 A (2.5 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	B1 / V-0	A3 / V-0
Approvals	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Clamped conductors		
Solid / Stranded / mm²	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...4
Flexible / Flexible with ferrule / mm²	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...2.5
Twin wire-end ferrule / mm²	0.5...0.75	
Stripping length / Blade size / mm/-	10 / 0.4 x 2.0 mm	10 / 0.6 x 3.5 mm
Note		

IEC	UL	CSA	EN 60079-7
1.5		AWG 26...12	1.5 mm²
500			
6			
	180 A (1.5 mm²)		
	3		
	B1 / V-0		

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm²
800			
8			
	300 A (2.5 mm²)		
	3		
	A3 / V-0		

Ordering data

Version	ZPE 1.5/4AN	ZPE 2.5
	Green/yellow	
Note		

Type	Qty.	Order No.
ZPE 1.5/4AN	50	1775620000

Type	Qty.	Order No.
ZPE 2.5	50	1608640000

Accessories

	ZPE 1.5/4AN	ZPE 2.5
End plate / Partition plate		
dark beige	ZAP/TW ZDU1.5/4AN	ZAP/TW 1
End bracket		
dark beige	ZEW 35	ZEW 35
Test adapter		
Standard		ZTA 1
With spigot		ZTA 1/ZA
Screwdriver		
Standard	SDS 0.4X2.0X60	SDIS SLIM 0.6X3.5X100
Reducing sleeves		
for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1	ZRH 2.5/1 WS
for conductors < 1.0 mm² / AWG 18		ZRH 2.5/2 GR/VO
Marking tags		
	DEK 5/3.5 MC NE WS	DEK 5/5 MC NE WS
	WS 12/3.5 MC NE WS	WS 10/5 MC NE WS
	DEK 5/3.5 MM WS	WS 8/5 MM WS

Type	Qty.	Order No.
ZAP/TW ZDU1.5/4AN	20	1776090000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
ZAP/TW 1	50	1608740000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZPE 2.5/3AN — 2.5 mm²

Three connections

5.1 x 64.5 x 38.5
/ 4
0.05...4

IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/3AN	50	1608650000

Type		Qty.	Order No.
ZAP/TW 2 DB		50	1608770000
ZEW 35		20	9540000000
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

ZPE 2.5/4AN — 2.5 mm²

Four connections

5.1 x 79.5 x 38.5
/ 4
0.05...4

IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/4AN	50	1608660000

Type		Qty.	Order No.
ZAP/TW 3		50	1608800000
ZEW 35		20	9540000000
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

ZPE 4 — 4 mm²

Two connections

6.1 x 62.5 x 43
/ 6
0.13...6

IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4	50	1632080000

Type		Qty.	Order No.
ZAP/TW 4		50	1632090000
ZEW 35		20	9540000000
ZTA 2 ZDU4	9 A	25	1609060000
ZTA 2/ZA ZDU4	9 A	25	1609070000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

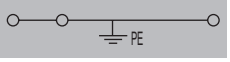
ZPE 4/3 AN — 4 mm²

Three connections

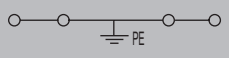
ZPE 4/4 AN — 4 mm²

Four connections

Width/Height/Depth	mm	6.1 x 85.5 x 43
max. current / max. cond. cross-section	-/mm²	/ 6
Max. clamping range	mm²	0.13...6



Width/Height/Depth	mm	6.1 x 104.5 x 43
max. current / max. cond. cross-section	-/mm²	/ 6
Max. clamping range	mm²	0.13...6



Technical data

		IEC 60947-7-2		Ex eb II C Gb	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	6 mm²
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		480 A (4 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0			
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm			
Note					

		IEC 60947-7-2		Ex eb II C Gb	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	6 mm²
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		480 A (4 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0			
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZPE 4/3AN	50	7904170000
Note			

Version	Type	Qty.	Order No.
Green/yellow	ZPE 4/4AN	50	7904280000
Note			

Accessories

	Type		Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP/TW 4/3AN		20	7904100000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 2 ZDU4	9 A	25	1609060000
With spigot	ZTA 2/ZA ZDU4	9 A	25	1609070000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000
for conductors < 1.0 mm² / AWG 18				
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000

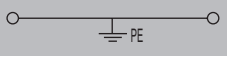
	Type		Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP/TW4/4AN		20	7904210000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 2 ZDU4	9 A	25	1609060000
With spigot	ZTA 2/ZA ZDU4	9 A	25	1609070000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000
for conductors < 1.0 mm² / AWG 18				
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

ZPE 6 — 6 mm²

Two connections

8.1 x 65 x 45
/ 10
0.22...10



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
6		AWG 20...8	10 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
13 / 0.6 x 3.5 mm

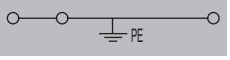
Type	Qty.	Order No.
ZPE 6	50	1608670000

Type	Qty.	Order No.
ZAP/TW 5	50	1608830000
ZEW 35	20	9540000000
ZTA 3 ZDU6 9 A	25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

ZPE 6/3 AN — 6 mm²

Three connections

8.1 x 90 x 45
/ 10
0.22...10



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
6		AWG 20...8	10 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6/3AN	50	7907400000

Type	Qty.	Order No.
ZAP/TW6/3AN	20	7907370000
ZEW 35	20	9540000000
ZTA 3 ZDU6 9 A	25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

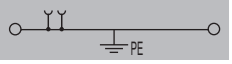
ZPE 10 — 10 mm²

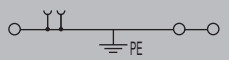
Two connections

ZPE 10/3 AN — 10 mm²

Three connections

		ZPE 10	ZPE 10/3 AN
Width/Height/Depth	mm	10.1 x 73.5 x 49.5	10.1 x 99 x 49.5
max. current / max. cond. cross-section	-/mm²	/ 16	/ 16
Max. clamping range	mm²	1.31...16	1.31...16





Technical data

		ZPE 10	ZPE 10/3 AN
Rated data			
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	Ex eb II C Gb	Ex eb II C Gb
Rated impulse withstand voltage to adjacent terminal	kV	II 2 G D	II 2 G D
Rated short-time current			
Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	16 mm²
800			
8			

Rated short-time current	1200 A (10 mm²)
Pollution severity	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0

		ZPE 10	ZPE 10/3 AN
Clamped conductors			
Solid / Stranded	mm²	1.5...16 / 1.5...16	1.5...16 / 1.5...16
Flexible / Flexible with ferrule	mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note			

Ordering data

Version	ZPE 10	ZPE 10/3 AN
	Green/yellow	Green/yellow
Note		

Type	Qty.	Order No.
ZPE 10	25	1746770000

Type	Qty.	Order No.
ZPE 10/3AN	20	1767670000

Accessories

End plate / Partition plate	ZPE 10	ZPE 10/3 AN
	dark beige	dark beige
End bracket		
	dark beige	dark beige
Screwdriver		
	Standard	Standard
Marking tags		

Type	Qty.	Order No.
ZAP/TW ZDU10	20	1748660000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

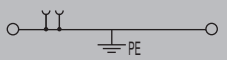
Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

ZPE 16 — 16 mm²

Two connections

12.1 x 82.5 x 50.5
/ 25
1.5...25



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...4	25 mm²
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16	25	1745250000

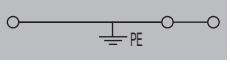
Type	Qty.	Order No.
ZAP/TW ZDU16	20	1745150000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

ZPE 16/3AN — 16 mm²

Three connections

12.1 x 99 x 50.5
/ 25
1.5...25



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	25 mm²
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

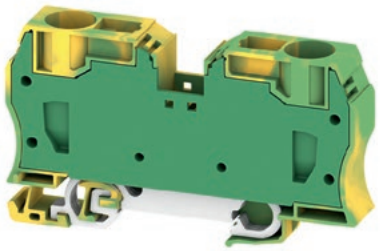
To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

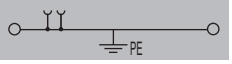
Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZPE 35 — 35 mm²

Two connections



16 x 100.5 x 58.5
/ 35
2.5...35



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35		AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
A8 / V-0			

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000
Integrated end plate.		

Type	Qty.	Order No.
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

		ZPE 2.5-2	2.5 mm²	ZPE 2.5-2/3AN	2.5 mm²
		Two connections		Three connections	
Width/Height/Depth	mm	5.1 x 50.5 x 43.5		5.1 x 50.5 x 43.5	
max. current / max. cond. cross-section	-/mm²	/ 4		/ 4	
Max. clamping range	mm²	0.13...4		0.13...4	

Technical data

		ZPE 2.5-2			2.5 mm²	ZPE 2.5-2/3AN			2.5 mm²
Rated data									
for wire cross-section	mm²	IEC 60947-7-2		Ex eb II C Gb	II 2 G D	IEC 60947-7-2		Ex eb II C Gb	II 2 G D
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
		2.5	AWG 26...12	AWG 26...12	4 mm²	2.5		AWG 26...14	4 mm²
Rated voltage to adjoining terminal	V	800				800			
Rated impulse withstand voltage to adjacent terminal	kV	8				8			
Rated short-time current		300 A (2.5 mm²)				300 A (2.5 mm²)			
Pollution severity		3				3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0				A2 / V-0			
Approvals									
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4				0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5				0.5...2.5 / 0.5...1.5			
Twin wire-end ferrule	-								
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

		ZPE 2.5-2			2.5 mm²	ZPE 2.5-2/3AN			2.5 mm²
Version		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	Green/yellow	ZPE 2.5-2		50	**1772090000**	ZPE 2.5-2/3AN		50	**1706090000**
Note									

Accessories

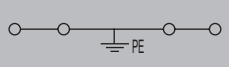
		ZPE 2.5-2			2.5 mm²	ZPE 2.5-2/3AN			2.5 mm²
End plate / Partition plate		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	dark beige	ZAP/TW7		50	**1706110000**	ZAP/TW7		50	**1706110000**
End bracket									
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	With spigot	ZTA 4	11 A	25	**1688110000**	ZTA 4	11 A	25	**1688110000**
Screwdriver									
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Reducing sleeves									
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**	ZRH 1.5H/1		1000	**1678810000**
	for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**	ZRH 1.5H/2		1000	**1678800000**
Marking tags									
		DEK 5/5 MC NE WS		1000	**1609801044**				
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZPE 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 43.5
/ 4
0.13...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...14	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

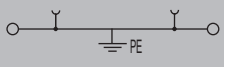
Type	Qty.	Order No.
ZPE 2.5-2/4AN	50	**1706100000**

Type		Qty.	Order No.
ZAP/TW7		50	**1706110000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
WS 8/5 MM WS		800	**2007150000**

ZPE 4-2/2AN — 4 mm²

Two connections

6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

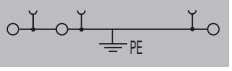
Type	Qty.	Order No.
ZPE 4-2/2AN	50	**1770380000**

Type		Qty.	Order No.
ZAP ZDU4-2		50	**1770400000**
ZEW 35		20	**9540000000**
ZTA 6/ZA	17.5 A	25	**1780660000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 4/1 WS		1000	**1636640000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**

ZPE 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZPE 4-2/3AN	50	**1770390000**

Type		Qty.	Order No.
ZAP ZDU4-2		50	**1770400000**
ZEW 35		20	**9540000000**
ZTA 6/ZA	17.5 A	25	**1780660000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 4/1 WS		1000	**1636640000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**

		ZPE 4-2/4 AN	4 mm²	ZPE 6-2/2AN	6 mm²
		Four connections		Two connections	
Width/Height/Depth	mm	6.1 x 75 x 45.5		8.1 x 68 x 49.19	
max. current / max. cond. cross-section	-/mm²	/ 6		/ 10	
Max. clamping range	mm²	0.13...6		0.22...10	

Technical data

		ZPE 4-2/4 AN				ZPE 6-2/2AN			
Rated data									
for wire cross-section	mm²	IEC 60947-7-2			Ex eb II C Gb II 2 G D	IEC 60947-7-2			Ex eb II C Gb II 2 G D
Rated voltage to adjoining terminal	V	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated impulse withstand voltage to adjacent terminal	kV	4	AWG 26...10	AWG 26...10	6 mm²	6	AWG 22...8	AWG 20...8	10 mm²
Rated short-time current		800				800			
Pollution severity		8				8			
Gauge to IEC 60947-1 / UL 94 flammability rating		480 A (4 mm²)				720 A (6 mm²)			
Approvals		3				3			
		A3 / V-0				A5 / V-0			
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...4				0.5...10 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...10 / 0.5...6			
Twin wire-end ferrule	-								
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				12 / 0.8 x 4.0 mm			
Note									

Ordering data

		ZPE 4-2/4 AN			ZPE 6-2/2AN		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	Green/yellow	ZPE 4-2/4AN	50	**1807090000**	ZPE 6-2/2AN	50	**1771370000**
Note							

Accessories

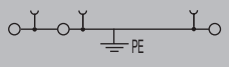
		ZPE 4-2/4 AN				ZPE 6-2/2AN			
End plate / Partition plate		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	dark beige	ZAP ZDU4-2/4AN		50	**1807010000**	ZAP ZDU6-2		50	**1771440000**
End bracket									
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**	ZTA 7/ZA	9 A	25	**1780670000**
Screwdriver									
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Reducing sleeves									
	for conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	**1636640000**				
	for conductors < 1.0 mm² / AWG 18								
Marking tags									
		DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/8 MC NE WS		800	**1856740000**
		WS 12/6 MC NE WS		600	**1609900000**				
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/8 MM WS		500	**2007130000**
						WS 8/8 MM WS		500	**2007170000**

For detailed information on other accessories and application in the online catalogue

ZPE 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 49.19
/ 10
0.22...10



IEC 60947-7-2

Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10 / 0.5...6
0.5...10 / 0.5...6
12 / 0.8 x 4.0 mm

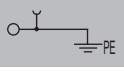
Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

ZPE 16-2/1AN — 16 mm²

Supply terminal - PE

12 x 65 x 50.5
/ 25
1.5...25



In accordance with IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 26...14	
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

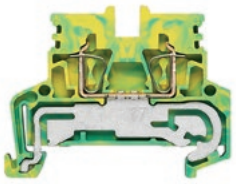
Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Qty.	Order No.
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000

The plug-in cross-connections ZQV 2.5/.. , ZQV 4/... and ZQV 6/... can be used.

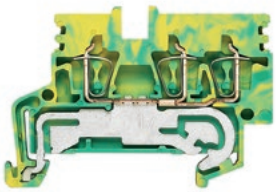
ZPE 2.5N — 2.5 mm²

Two connections

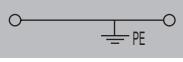


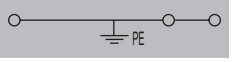
ZPE 2.5N/3AN — 2.5 mm²

Three connections



Width/Height/Depth	mm	5.1 x 50.5 x 38.5	5.1 x 56.5 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.05...4	0.05...4





Technical data

	ZPE 2.5N	ZPE 2.5N/3AN
Rated data		
for wire cross-section	mm²	mm²
Rated voltage to adjoining terminal	V	V
Rated impulse withstand voltage to adjacent terminal	kV	kV
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded	mm²	mm²
Flexible / Flexible with ferrule	mm²	mm²
Twin wire-end ferrule	-	-
Stripping length / Blade size	mm/-	mm/-
Note		

	ZPE 2.5N	ZPE 2.5N/3AN
	IEC 60947-7-2 — Ex eb II C Gb — II 2 G D	IEC 60947-7-2 — Ex eb II C Gb — II 2 G D
	IEC: 2.5 / UL: AWG 30...12 / CSA: AWG 30...12 / EN 60079-7	IEC: 2.5 / UL: AWG 30...12 / CSA: AWG 30...12 / EN 60079-7
	800	800
	6	6
	300 A (2.5 mm²)	300 A (2.5 mm²)
	3	3
	A2 / V-0	A2 / V-0
Rated connection		
	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
ZPE 2.5N	50	1933760000

Type	Qty.	Order No.
ZPE 2.5N/3AN	50	1933770000

Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm² / AWG 20
	for conductors < 1.0 mm² / AWG 18
Marking tags	

Type		Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N		20	1933790000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
WS 8/5 MM WS		800	2007150000

Type		Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/3AN		50	1933800000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
WS 8/5 MM WS		800	2007150000

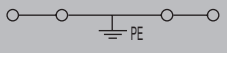
For detailed information on other accessories and application in the online catalogue

ZPE 2.5N/4AN

2.5 mm²

Four connections

5.1 x 60 x 38.5
/ 4
0.05...4



IEC 60947-7-2

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	
800			
6			
300 A (2.5 mm²)			
3			
A2 / V-0			

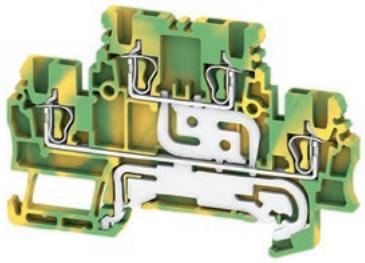
Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5N/4AN	50	**1933780000**

Type		Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN		50	**1933810000**
ZEW 35		20	**9540000000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
WS 8/5 MM WS		800	**2007150000**

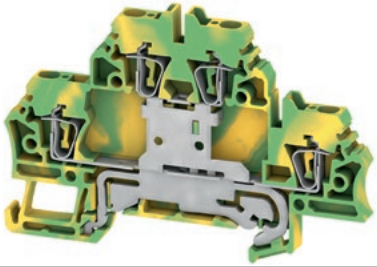
ZDK 1.5 PE — 1.5 mm²

Double-level terminal

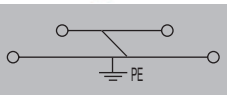


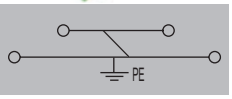
ZDK 2.5 PE — 2.5 mm²

Vertically cross-connected



		ZDK 1.5 PE	ZDK 2.5 PE
Width/Height/Depth	mm	3.5 x 75.5 x 49.5	5.1 x 79.5 x 53
max. current / max. cond. cross-section	-/mm²	/ 1.5	/ 2.5
Max. clamping range	mm²	0.05...1.5	0.05...2.5





Technical data

		ZDK 1.5 PE	ZDK 2.5 PE
Rated data			
for wire cross-section	mm²	IEC 60947-7-2	Ex eb II C Gb, IEC 60947-7-2, II 2 G D
Rated voltage to adjoining terminal	V	1.5 / AWG 28...16 / AWG 28...16	2.5 / AWG 26...14 / AWG 26...12 / 2.5 mm²
Rated impulse withstand voltage to adjacent terminal	kV	500	500
Rated short-time current		6	6
Pollution severity		180 A (1.5 mm²)	300 A (2.5 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating		3	3
Approvals		B1 / V-0	A2 / V-0
Clamped conductors			
Solid / Stranded	mm²	0.5...1.5 1.5	0.5...2.5 2.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Twin wire-end ferrule	mm²	0.5...0.75	
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZDK 1.5PE	50	1791150000
	ZDK 2.5PE	50	1690000000

Accessories

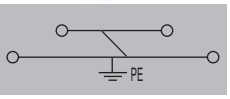
	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate / Partition plate						
dark beige	ZAP/TW ZDK1.5	20	1791160000	ZAP/TW ZDK2.5	20	1674730000
End bracket						
dark beige	ZEW 35	20	9540000000	ZEW 35	20	9540000000
Test adapter						
With spigot				ZTA 4 11 A	25	1688110000
Standard						
Reducing sleeves						
for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1	500	1781950000	ZRH 1.5H/1	1000	1678810000
for conductors < 1.0 mm² / AWG 18				ZRH 1.5H/2	1000	1678800000
Cover						
With lightning flash symbol				ZAD 9/4	20	1934160000
Screwdriver						
Standard	SDS 0.4X2.0X60	1	2749260000	SDIS SLIM 0.6X3.5X100	1	2749610000
Marking tags						
	DEK 5/3.5 MC NE WS	500	1755270000	DEK 5/5 PLUS MC NE GE	1000	1907520000
				WS 12/5 MC NE WS	720	1609860000
	DEK 5/3.5 MM WS	1000	2007100000	DEK 5/5 MM WS	800	2007110000
				WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2PE — 2.5 mm²

Four connections

5.1 x 72.5 x 54.5
/ 4
0.05...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4 4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

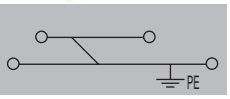
Type	Qty.	Order No.
ZDK 2.5-2PE	50	**1791010000**

Type		Qty.	Order No.
ZAP/TW ZDK2.5-2		20	**1791050000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
SDS 0.5X3.0X80		1	**2749330000**
DEK 5/5 MC NE WS		1000	**1609801044**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDK 4-2 PE — 4 mm²

Four connections

6.1 x 77.6 x 60
/ 6
0.13...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6 6
0.5...4 4
10 / 0.6 x 3.5 mm

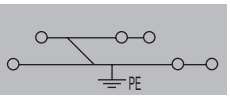
Type	Qty.	Order No.
ZDK 4-2 PE	50	**8671050000**

Type		Qty.	Order No.
ZAP/TW ZDK4-2		50	**8670760000**
ZEW 35		20	**9540000000**
ZTA 6/ZA	17.5 A	25	**1780660000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**

ZDK 2.5/3AN PE — 2.5 mm²

Double-level terminal

Width/Height/Depth	5.1 x 93 x 50.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4



IEC 60947-7-2

Ex eb II C Gb — II 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	2.5	AWG 30...12	AWG 30...12	2.5 mm²
Rated voltage to adjoining terminal	800			
Rated impulse withstand voltage to adjacent terminal	8			
Rated short-time current	300 A (2.5 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0			
Approvals				
Clamped conductors				
Solid / Stranded	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...2.5			
Twin wire-end ferrule				
Stripping length / Blade size	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZDK 2.5/3AN PE	50	1924470000

Note

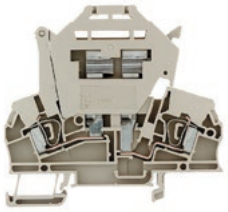
Accessories

	Type		Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	1924910000
End bracket				
dark beige	ZEW 35/2		20	8630740000
Test adapter				
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Standard	ZTA ZT2.5	17.5 A	25	1827080000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol				
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

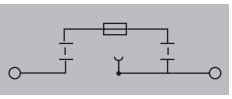
ZSI 2.5 — 2.5 mm²

For metric fuses 5 x 20 mm



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	600 (C)	
6.3	10	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	
	500 V AC/DC, without LED

Note

Type	Qty.	Order No.
ZSI 2.5	50	1616400000

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection			
2-pole			
4-pole			
End plate / Partition plate			
dark beige			
dark beige			
Screwdriver			
Standard			
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
0.25 A fast			
0.50 A fast			
1.00 A fast			
2.00 A fast			
Marking tags			

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW 3		50	1608800000
ZAP TNHE/ZSI2.5		25	1610840000
SDIS SLIM 0.6X3.5X100		1	2749610000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

ZSI 2.5

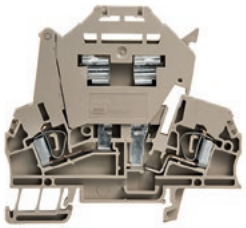
Overload and short-circuit protection

Type	Order No.
ZSI 2.5	1616400000

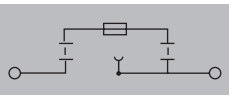
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

ZSI 2.5/QV — 2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm	7.9 x 79.5 x 73
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	400			
Rated current (A)	6.3			
for wire cross-section (mm²)	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE UK CA			
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Blade size	0.6 x 3.5 mm			

Note	
	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZSI 2.5/QV	50	**1799470000**
Note	For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.		

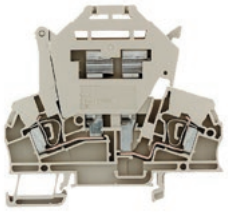
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
dark beige	ZAP/TW 3		50	**1608800000**
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

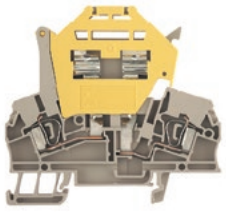
ZSI 2.5 LED — 2.5 mm²

For metric fuses 5 x 20 mm

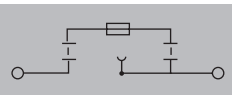


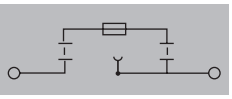
ZSI 2.5/5x25 — 2.5 mm²

For metric fuses 5 x 25 mm



Width/Height/Depth	mm	7.9 x 79.5 x 73	7.9 x 79.5 x 73
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500			
Rated current (A)	6.3			
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Blade size	0.6 x 3.5 mm			

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500			
Rated current (A)	6.3			
for wire cross-section (mm²)	2.5			
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4			
Blade size	0.6 x 3.5 mm			

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5/LD 28AC	50	**1616440000**
10–36 V AC/DC, with LED	ZSI 2.5/LD 60AC	50	**1616430000**
30–70 V AC/DC, with LED	ZSI 2.5/LD 120AC	50	**1616420000**
60–150 V AC/DC, with LED	ZSI 2.5/LD 250AC	50	**1616410000**
140–250 V AC/DC, with LED			

Note

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Type	Qty.	Order No.
ZSI 2.5/5X25	50	**1730900000**

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
dark beige	ZAP/TW 3		50	**1608800000**
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	**1627850000**
ZQV 6/4 GE	41 A	60	**1627870000**
ZAP/TW 3		50	**1608800000**
ZAP TNHE/ZSI2.5		25	**1610840000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
G 25/0.50A/M WS	0.5 A	10	**0510300000**
G 25/1.00A/M RT	1 A	10	**0265800000**
G 25/2.00A/F BL	2 A	10	**0192700000**
G 25/4.00A/F BR	4 A	10	**0192800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

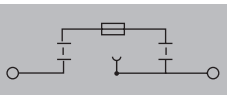
Status display using a bi-directional LED.

ZSI 2.5/2 — 2.5 mm²

For imperial fuses

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

11.9 x 79.5 x 73	
12 / 4	
0.13...4	



ZSI 2.5/2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
12	16	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Order No.
ZSI 2.5/2 500AC	**1616460000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination	72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

Ordering data

Version	
	500 V AC/DC, without LED

Note

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	**1616460000**

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection			
	2-pole		
	4-pole		
End plate / Partition plate			
	dark beige		
Screwdriver			
	Standard		
Marking tags			

Type		Qty.	Order No.
ZQS 2.5/2	24 A	20	**1633200000**
ZQS 2.5/4	24 A	20	**1633220000**
ZAP TNHE/ZSI2.5		25	**1610840000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

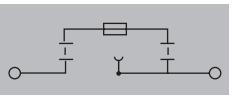
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.

ZSI 2.5/2 LED — 2.5 mm²

For imperial fuses

Width/Height/Depth	mm	11.9 x 79.5 x 73
max. current / max. cond. cross-section	A/mm²	**12 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500			
Rated current A	12			
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note	
	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	ZSI 2.5/2/LD 28AC	10	**1616470000**
60–150 V AC/DC, with LED	ZSI 2.5/2/LD 120AC	10	**1616490000**
140–250 V AC/DC, with LED	ZSI 2.5/2/LD 250AC	10	**1616500000**

Note	
	The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

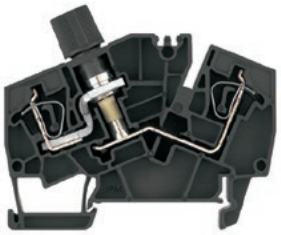
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQS 2.5/2	24 A	20	**1633200000**
4-pole	ZQS 2.5/4	24 A	20	**1633220000**
End plate / Partition plate				
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue	
	Status display using a bi-directional LED. With use of inch fuse cartridges.

ZSI 2.5 2x2 AN — 2.5 mm²

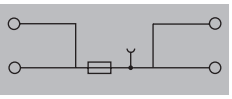
For metric fuses 5 x 20



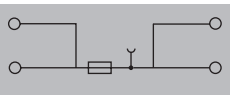
ZSI 2.5 2x2 AN — 2.5 mm²

For metric fuses 5 x 25

Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	300 (C)	
Rated current A	10	10	10	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	300 (C)	
Rated current A	10	10	10	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5-2/2X2AN/G20	20	**1826050000**

Note

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5-2/2X2AN/G25	20	**1826200000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Screwdriver PH2				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	**1608950000**
ZAP ZDU6-2 SW		50	**1814710000**
SDS 0.6X3.5X100		1	**2749340000**
WS 10/5 MC NE WS		720	**1635000000**
G 25/0.50A/M WS	0.5 A	10	**0510300000**
G 25/1.00A/M RT	1 A	10	**0265800000**
G 25/2.00A/F BL	2 A	10	**0192700000**
G 25/4.00A/F BR	4 A	10	**0192800000**

For detailed information on other accessories and application in the online catalogue

ZSI 2.5-2

Overload and short-circuit protection

ZSI 2.5-2 / G20

Type	Order No.
ZSI 2.5-2/2X2AN/G20	1826050000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			39 °C	2.5 W / 6.3 A
In combination			41 °C	1.6 W / 6.3 A

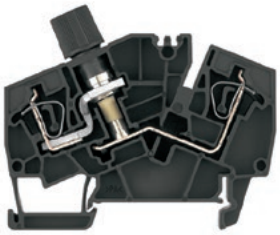
ZSI 2.5-2 / G25

Type	Order No.
ZSI 2.5-2/2X2AN/G25	1826200000

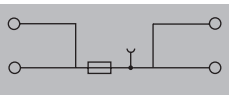
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

ZSI 2.5 2x2 AN LED — 2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)		
Rated current A	10	10		
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD1	20	**1867440000**
60–150 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD3	20	**1867420000**
140–250 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD4	20	**1879730000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

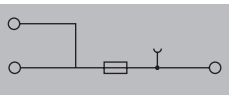
For detailed information on other accessories and application in the online catalogue

ZSI 6-2 — 6 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 68 x 55	
10 / 10	
0.13...10	



ZSI 6-2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
	4 kV / 3		
	V-0		

Rated connection		
0.5...10 / 0.5...6	0.5...4	
0.5...10 / 0.5...6	0.5...4 / 0.5...2.5	
0.6 x 3.5 mm		

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 6-2 2X2.5/G20	20	1820930000
10–36 V AC/DC, with LED			
140–250 V AC/DC, with LED			
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	1608950000
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	1814710000
Screwdriver				
Standard	SDIS SLIM 0.8X4.0X100		1	2749620000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
G25 with indicator / imperial (inch) fuse				
2.00 A fast / 5 A				
4.00 A fast / 10 A				
1.00 A medium slow / 3 A				
0.50 A medium slow / 2 A				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

ZSI 6-2 2x2.5 / G20

Type	Order No.
ZSI 6-2 2X2.5/G20	1820930000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			37 °C	2.5 W / 6.3 A
In combination			40 °C	1.6 W / 6.3 A

ZSI 6 2x2.5 / G25

Type	Order No.
ZSI 6-2 2X2.5/G25	1820950000

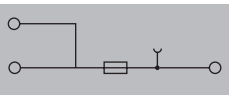
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

ZSI 6-2 2x2.5 — 6 mm²

For metric fuses 5 x 20 / 5 x 25

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 68 x 55
10 / 10
0.13...10



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	10	10	10	
for wire cross-section (mm²)	6	AWG 26...12	AWG 26...8	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded (mm²)	0.5...10 / 0.5...6 — 0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...10 / 0.5...6 — 0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 6-2 2X2.5/G25	20	1820950000
10–36 V AC/DC, with LED			
140–250 V AC/DC, with LED			

Note

Accessories

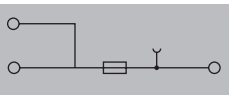
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	1608950000
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	1814710000
Screwdriver				
Standard	SDS 0.8X4.0X100		1	2749360000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
G25 with indicator / imperial (inch) fuse				
2.00 A fast / 5 A	G 25/2.00A/F BL	2 A	10	0192700000
4.00 A fast / 10 A	G 25/4.00A/F BR	4 A	10	0192800000
1.00 A medium slow / 3 A	G 25/1.00A/M RT	1 A	10	0265800000
0.50 A medium slow / 2 A	G 25/0.50A/M WS	0.5 A	10	0510300000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

ZSI 6-2 LED — 6 mm²

For metric fuses 5 x 20

12.2 x 68 x 55
10 / 10
0.13...10



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)		
Rated current (A)	10	10		
for wire cross-section (mm²)	6	AWG 26...12	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded (mm²)	0.5...10 / 0.5...6 — 0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...10 / 0.5...6 — 0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	ZSI 6-2 2X2.5/G20/LD1	20	1867500000
140–250 V AC/DC, with LED	ZSI 6-2 2X2.5/G20/LD4	20	1879750000

Note

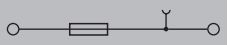
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	1608950000
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	1814710000
Screwdriver				
Standard	SDIS SLIM 0.8X4.0X100		1	2749620000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
G25 with indicator / imperial (inch) fuse				
2.00 A fast / 5 A				
4.00 A fast / 10 A				
1.00 A medium slow / 3 A				
0.50 A medium slow / 2 A				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

ZSI 6-2/FC — 6 mm²

For car fuses

Width/Height/Depth	8.1 x 70 x 50
max. current / max. cond. cross-section	**30 / 10**
Max. clamping range	**0.33...10**



ZSI 6-2/FC

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

DIN 72581-3, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
30	25	25	
6	AWG 22...10	AWG 22...10	
	6 kV / 3		
	V-0		

Rated connection
0.5...10
0.5...10 / 0.5...6
4.0 x 0.8 mm

Fuse continuous current max. 80 % IN.

Type	Order No.
ZSI 6-2/FC	**1814690000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	3,0 W / 30 A	*	*
In combination	28 °C	1.90 W / 24 A (30 A)**	*	*

*) Values not available
**) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED

Note

Type	Qty.	Order No.
ZSI 6-2/FC	25	**1814690000**
ZSI 6-2/FC LD	25	**1814700000**

Accessories

Pluggable cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
*) **Note:** not possible to order from Weidmüller	
Rated current circuit breaker	A

ETA 1180

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	**1627850000**
ZQV 6/4 GE	41 A	60	**1627870000**
ZAP ZDU6-2 SW		50	**1814710000**
SDIS SLIM 0.8X4.0X100		1	**2749620000**
Circuit breaker 1180			
65 V DC / 250 V AC			
0.1...10			
2000			
40			

Circuit breaker 1180			
	Order No.		Order No.
0.1	**1278840000**	2	**1278970000**
0.2	**1278850000**	2.5	**1278980000**
0.25	**1278860000**	3	**1278990000**
0.3	**1278870000**	3.5	**1279010000**
0.4	**1278880000**	4	**1279020000**
0.5	**1278910000**	5	**1279030000**
0.6	**1278920000**	6	**1279040000**
0.7	**1278930000**	7	**1279050000**
0.8	**1278940000**	8	**1279060000**
1	**1278950000**	10	**1279070000**
1.5	**1278960000**		

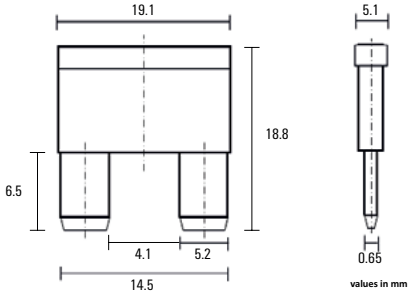
Identification systems

DEK 5/6 MC NE WS	1000	**1609820000**
WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of Pudenz fuses.

ATO® Style Blade Fuse according to DIN 72581-3

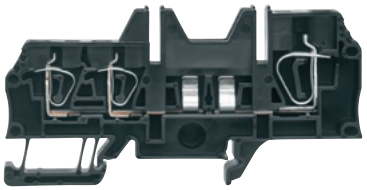


Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

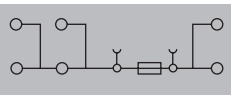
- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

ZSI 2x6/4x2.5 FC — 6/2.5 mm²

Circuit breaker ETA 1170
28 V DC



Width/Length/Height with TS35x7.5	16 / 93 / 47.5 mm
Insulating stripping length	**10** mm



ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500	600	600	
Rated current	A	57	20	20	
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
		6	AWG 20...8	AWG 20...8	
Approvals		CE EAC			
Other technical data		**Output**	**Input**		
Clamped conductors					
solid H07V-U	mm²	0.5...4	0.5...10		
stranded H07V-K	mm²	0.5...4	0.5...10		
„f" with ferrule acc. DIN 46 228/1	mm²	0.5...2.5	0.5...6		
„f" ferrules with plastic collar	mm²	0.5...2.5	0.5...6		
max. clamping range in mm²					
gauge acc. to IEC 60 947-1	Size	0.08...4	0.21...10		

Type	Order No.
ZSI 2X6/4X2.5 FC	1058520000

Arrangement	Applications			
	ETA fuse		Automotive fuse	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*	45 °C	1.9 W / 24 A (30 A)**
In combination	24 °C	1.68 W / 20 A (25 A)*	35 °C	1.9 W / 24 A (30 A)**

*) ETA circuit breakers 1170
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 25 A fuse can be loaded to a maximum 20 A

**) Automotive fuses in accordance with DIN 41576
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 30 A fuse can be loaded to a maximum 24 A

Ordering data

Type	Qty.	Order No.
ZSI 2x6/4x2.5 FC	10	1058520000

Accessories

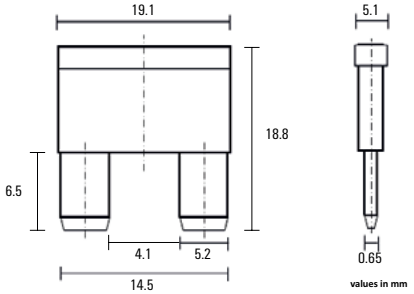
Pluggable cross-connection	Type	Current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	1627850000
3-pole				
4-pole				
End plate / partition				
ZAP black Wemid	ZAP ZSI2x6/4x2.5		50	1059310000
Screwdriver				
SD acc. to DIN 5264-A	SDIS SLIM 0.6X3.5X100		1	2749610000
	SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker ETA and car fuses*	Circuit breaker 1170
Rated voltage	12 V DC / 48 V DC
Rated current A	3...25
Switching capacity A	200
Protection IP	40

Rated current circuit breaker A	Circuit breaker 1170 Colour	Order No.
	3 violet	1278730000
	4 pink	1278740000
	5 orange	1278750000
	6 green	1278760000
	7.5 brown	1278770000
	8 yellow	1278780000
	10 red	1278790000
	15 blue	1278810000
	20 yellow	1278820000
	25 white	1278830000

ETA 1170

ATO® Style Blade Fuse according to DIN 72581-3



Marking systems	(see assortment in catalogue 7)
	Marking tags
	DEK 5/5 MC

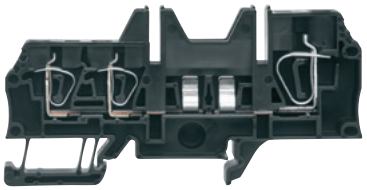
*) **Note:**
not possible to order from Weidmüller

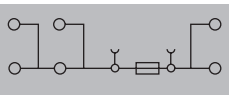
Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

ZSI 2x6/4x2.5 — 6/2.5 mm²

Circuit breaker ETA 1180
65 V DC / 250 V AC





ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500	600	600	
Rated current	A	57	20	20	
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
		6	AWG 20...8	AWG 20...8	
Approvals		CE GB cULus EAC			
Other technical data		**Output**	**Input**		
Clamped conductors					
solid H07V-U	mm²	0.5...4	0.5...10		
stranded H07V-K	mm²	0.5...4	0.5...10		
„f" with ferrule acc. DIN 46 228/1	mm²	0.5...2.5	0.5...6		
„f" ferrules with plastic collar	mm²	0.5...2.5	0.5...6		
max. clamping range in mm²					
gauge acc. to IEC 60 947-1	Size	0.08...4	0.21...10		

Type	Order No.
ZSI 2X6/4X2.5	1265990000

Arrangement	Applications	
	ETA fuse	
	T_A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*
In combination	24 °C	1.68 W / 20 A (25 A)*

*) ETA circuit breakers 1180
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 25 A fuse can be loaded to a maximum 20 A

Note

Ordering data

Type	Qty.	Order No.
ZSI 2x6/4x2.5	10	1265990000

Note

Accessories

Pluggable cross-connection		Type	Strom	Qty.	Order No.
	2-pole	ZQV 6/2 GE	41 A	60	1627850000
	3-pole				
	4-pole				
End plate / partition					
	ZAP black Wemid	ZAP ZSI2x6/4x2.5		50	1059310000
Screwdriver					
	SD acc. to DIN 5264-A	SDIS SLIM 0.6X3.5X100		1	2749610000
		SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker ETA and car fuses*		Circuit breaker 1180
Rated voltage		65 V DC / 250 V AC
Rated current	A	0.1...10
Switching capacity	A	2000
Protection	IP	40

Rated current circuit breaker	A

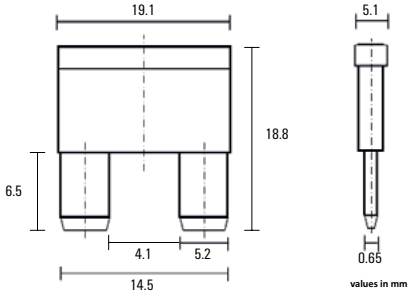
ETA 1180

Circuit breaker 1180			
	Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		

Marking systems	(see assortment in catalogue 7)
	Marking tags
	DEK 5/5 MC

*) **Note:**
not possible to order from Weidmüller

ATO® Style Blade Fuse according to DIN 72581-3



Fuse cartridges and gauge rings for Weidmüller fuse terminal blocks

Fuse cartridges

for terminal type:
PSI 6/10
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB

Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI)[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 6

Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
Cartridge fuse	G-Si. 5 x 25	0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
Rated breaking capacity	80 A	1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63

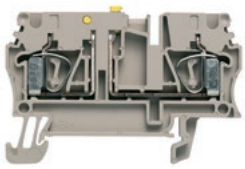
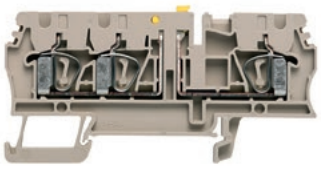
Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
Cartridge fuse	G-Si. 6.3 x 32	2	quick-acting	GZ 2.0A/F	10	1460600000
Rated breaking capacity	50 kA	3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Note: 1) The company SIBA supplies G-type cartridge fuses, 5 x 25 with indicator, also in marine engineering version for 450 V~.

	ZTR 2.5	ZTR 2.5/3AN
	2.5 mm²	2.5 mm²
	Two connections	Three connections
		
Width/Height/Depth mm	5.1 x 59.5 x 38.5	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section A/mm²	20 / 4	20 / 4
Max. clamping range mm²	0.05...4	0.05...4

Technical data

	ZTR 2.5	ZTR 2.5/3AN
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-1: 500	IEC 60947-7-1: 500
	UL: 600	UL: 600
	CSA: 600	CSA: 300
	EN 60079-7:	EN 60079-7:
Rated current A	IEC: 20	IEC: 20
	UL: 20	UL: 20
	CSA: 20	CSA: 10
	EN 60079-7:	EN 60079-7:
for wire cross-section mm²	IEC: 2.5	IEC: 2.5
	UL: AWG 30...12	UL: AWG 30...12
	CSA: AWG 30...12	CSA: AWG 26...12
	EN 60079-7:	EN 60079-7:
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Number of operating cycles		
Approvals		
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZTR 2.5	50	1831280000
Blue	ZTR 2.5 BL	50	8731710000
Note			

Type	Qty.	Order No.
ZTR 2.5/3AN	50	8731720000
ZTR 2.5/3AN BL	50	8731730000

Accessories

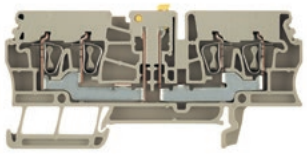
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
4-pole				
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW 1		50	1608740000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Test adapter				
Standard	ZTA 1	9 A	25	1609040000
With spigot	ZTA 1/ZA	9 A	25	1609050000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 3		50	1608800000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
PS 2.3 RT	20 mA	20	0180400000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZTR 2.5/4AN — 2.5 mm²

Four connections



5.1 x 82.5 x 38.5
16 / 2.5
0.05...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZTR 2.5/4AN		50	7920900000
ZTR 2.5/4AN BL		50	7920930000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 3		50	1608800000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
PS 2.3 RT	20 mA	20	0180400000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZTR 2.5-2 — 2.5 mm²

Two connections

5.1 x 50.5 x 43.5
21 / 2.5
0.13...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZTR 2.5-2		50	1779010000
ZTR 2.5-2 BL		50	1779120000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZTR 6-2 — 6 mm²

Two connections

8.1 x 70 x 50
32 / 10
0.05...10

IEC	UL	CSA	EN 60079-7
690	300		
32	25		
6	AWG 22...8		
	8 kV / 3		
	A5 / V-0		

Rated connection
0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

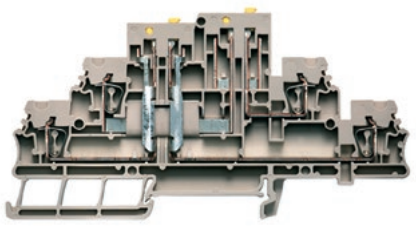
Type		Qty.	Order No.
ZTR 6-2		50	1023830000

End plate (article: 1771440000 ZAP ZDU6-2) included.

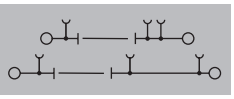
Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
SDIS 0.6X3.5X100		1	2749810000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDTR 2.5 — 2.5 mm²

Four connections



Width/Height/Depth	mm	5.1 x 117 x 67
max. current / max. cond. cross-section	A/mm²	**16 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal (V)	400	300	300	
Rated current (A)	16	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded (mm²)	0.5...4 / 0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm

Note

Ordering data

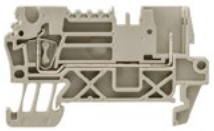
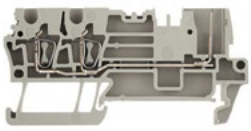
Version	Type	Qty.	Order No.
dark beige	ZDTR 2.5	20	**1745400000**
Blue	ZDTR 2.5 BL	20	**1798330000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	AP ZDTR2.5		20	**1745420000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	**0180400000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

	ZT 2.5/2AN/1	2.5 mm²	ZT 2.5/3AN/1	2.5 mm²
				
Width/Height/Depth mm	5.1 x 58 x 34.5		5.1 x 71.5 x 34.5	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.13...4**		**0.13...4**	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Max. voltage of clamp support & pluggable system	V	690			
Rated current	A	24	20	20	
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

In accordance with IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Max. voltage of clamp support & pluggable system	V	690			
Rated current	A	24	20	20	
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

		Type	Qty.	Order No.
	dark beige	ZT 2.5/2AN/1	50	**1815070000**
	Blue	ZT 2.5/2AN/1 BL	50	**1295550000**
Plug-in connector		**Type**	**Qty.**	**Order No.**
		ZP 2.5/1AN/QV/1	50	**1815190000**
		ZP 2.5/1AN/QV/2	25	**1815200000**
		ZP 2.5/1AN/QV/3	25	**1815210000**
		ZP 2.5/1AN/QV/4	25	**1815220000**
		ZP 2.5/1AN/QV/5	25	**1815230000**
		ZP 2.5/1AN/QV/6	25	**1815240000**
		ZP 2.5/1AN/QV/7	25	**1815250000**
		ZP 2.5/1AN/QV/8	20	**1815260000**
		ZP 2.5/1AN/QV/9	20	**1815270000**
		ZP 2.5/1AN/QV/10	20	**1815280000**

Note

		Type	Qty.	Order No.
	dark beige	ZT 2.5/3AN/1	50	**1815090000**
	Blue	ZT 2.5/3AN/1 BL	50	**1304720000**
Plug-in connector		**Type**	**Qty.**	**Order No.**
		ZP 2.5/1AN/QV/1	50	**1815190000**
		ZP 2.5/1AN/QV/2	25	**1815200000**
		ZP 2.5/1AN/QV/3	25	**1815210000**
		ZP 2.5/1AN/QV/4	25	**1815220000**
		ZP 2.5/1AN/QV/5	25	**1815230000**
		ZP 2.5/1AN/QV/6	25	**1815240000**
		ZP 2.5/1AN/QV/7	25	**1815250000**
		ZP 2.5/1AN/QV/8	20	**1815260000**
		ZP 2.5/1AN/QV/9	20	**1815270000**
		ZP 2.5/1AN/QV/10	20	**1815280000**

Note

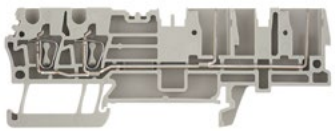
Accessories

		Type		Qty.	Order No.
Plug-in cross-connection					
	2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
	10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate					
	dark beige	ZAP/TW ZT2.5/2AN		50	**1816030000**
	Orange	ZAP/TW ZT2.5/2AN OR		50	**1816040000**
Test adapter					
	Standard	ZTA ZT2.5	17.5 A	25	**1827080000**
	With spigot	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
Miscellaneous accessories WeiCoS					
	Locking element	ZVR ZP2.5		25	**1816130000**
	Coding element	KOSF ZT2.5		50	**1816150000**
	Strain relief	ZZE ZP2.5		25	**1816140000**
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags					
		DEK 5/6 MC NE WS		1000	**1609820000**
		WS 10/5 MC M SDR		144	**1792010000**
		WS 8/5 MM WS		800	**2007150000**

		Type		Qty.	Order No.
Plug-in cross-connection					
	2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
	10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate					
	dark beige	ZAP/TW ZT2.5/3AN		50	**1816050000**
	Orange				
Test adapter					
	Standard	ZTA ZT2.5	17.5 A	25	**1827080000**
	With spigot	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
Miscellaneous accessories WeiCoS					
	Locking element	ZVR ZP2.5		25	**1816130000**
	Coding element	KOSF ZT2.5		50	**1816150000**
	Strain relief	ZZE ZP2.5		25	**1816140000**
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags					
		DEK 5/5 MC NE WS		1000	**1609801044**
		WS 10/5 MC M SDR		144	**1792010000**
		WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZT 2.5/4AN/2 — 2.5 mm²



5.1 x 93 x 34.5
24 / 4
0.13...4

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

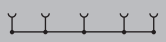
Type	Qty.	Order No.
ZT 2.5/4AN/2	50	1815110000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZT2.5/4AN/2		50	1816070000
ZAP/TW ZT2.5/4AN/2 OR		50	1816080000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC M SDR		144	1792010000
WS 8/5 MM WS		800	2007150000

ZT 2.5/4AN/4 — 2.5 mm²

5.1 x 85.5 x 34.5
24 / 4
0.13...4



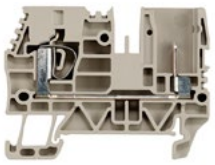
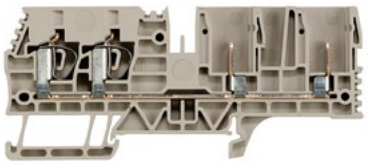
IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	/ V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
...0 / 0.5...4	

Type	Qty.	Order No.
ZT 2.5/4AN/4	50	1815130000

Type	Qty.	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZT2.5/4AN/4		50	1816090000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

	ZT 4/2AN/1	4 mm²	ZT 4/4AN/2	4 mm²
				
Width/Height/Depth mm	6.5 x 58 x 43		6.5 x 100.5 x 43	
max. current / max. cond. cross-section A/mm²	**32 / 6**		**32 / 6**	
Max. clamping range mm²	**0.13...6**		**0.13...6**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	
Max. voltage of clamp support & pluggable system V	800			
Rated current A	32	28	28	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...6 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	
Max. voltage of clamp support & pluggable system V	800			
Rated current A	32	28	28	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...6 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	

Note

Ordering data

	Type	Qty.	Order No.
dark beige	ZT 4/2AN/1	50	1854960000
Blue	ZT 4/2AN/1 BL	50	1312830000
Plug-in connector	**Type**	**Qty.**	**Order No.**
	ZP 4/1AN/1	50	1848340000
	ZP 4/1AN/2	25	1854990000
	ZP 4/1AN/3	25	1855000000
	ZP 4/1AN/4	25	1855010000
	ZP 4/1AN/5	20	1855020000
	ZP 4/1AN/6	20	1855030000
	ZP 4/1AN/7	20	1855040000
	ZP 4/1AN/8	20	1855050000
	ZP 4/1AN/9	10	1855060000
	ZP 4/1AN/10	10	1855070000

Note

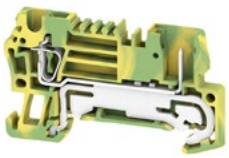
	Type	Qty.	Order No.
	ZT 4/4AN/2	50	1848350000
	Type	**Qty.**	**Order No.**
	ZP 4/1AN/1	50	1848340000
	ZP 4/1AN/2	25	1854990000
	ZP 4/1AN/3	25	1855000000
	ZP 4/1AN/4	25	1855010000
	ZP 4/1AN/5	20	1855020000
	ZP 4/1AN/6	20	1855030000
	ZP 4/1AN/7	20	1855040000
	ZP 4/1AN/8	20	1855050000
	ZP 4/1AN/9	10	1855060000
	ZP 4/1AN/10	10	1855070000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	1608950000
End plate / Partition plate				
dark beige	ZAP/TW ZT4/2AN		50	1855220000
Orange	ZAP/TW ZT4/2AN OR		50	1855230000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4		25	1855250000
Coding element	KOSF ZT4		50	1856860000
Strain relief	ZZE ZP4		25	1855260000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000
	DEK 5/6 MM WS		600	2007120000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZAP/TW ZT4/4AN/2		50	1848360000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/6 MC NE WS		1000	1609820000
WS 10/6 MC NE WS		600	1828450000
DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

	ZTPE 2.5/2AN/1	2.5 mm²	ZTPE 2.5/3AN/1	2.5 mm²
				
Width/Height/Depth mm	5.1 x 58 x 34.5		5.1 x 71.5 x 34.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800		300	
Max. voltage of clamp support & pluggable system V	690			
Rated short-time current	300 (2.5 mm²)			
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800		300	
Max. voltage of clamp support & pluggable system V	690			
Rated short-time current	300 (2.5 mm²)			
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZTPE 2.5/2AN/1	50	1815080000

Note

Version	Type	Qty.	Order No.
Green/yellow	ZTPE 2.5/3AN/1	50	1815100000

Note

Accessories

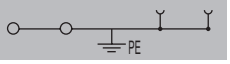
End plate / Partition plate	Type		Qty.	Order No.
dark beige	ZAP/TW ZT2.5/2AN		50	1816030000
Orange	ZAP/TW ZT2.5/2AN OR		50	1816040000
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000

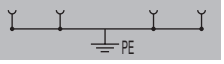
End plate / Partition plate	Type		Qty.	Order No.
	ZAP/TW ZT2.5/3AN		50	1816050000
Test adapter				
	ZTA ZT2.5	17.5 A	25	1827080000
	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
	ZVR ZP2.5		25	1816130000
	KOSF ZT2.5		50	1816150000
	ZZE ZP2.5		25	1816140000
Screwdriver				
	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

	ZTPE 2.5/4AN/2	2.5 mm²	ZTPE 2.5/4AN/4	2.5 mm²

Width/Height/Depth	mm	5.1 x 93 x 34.5	5.1 x 85.5 x 34.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

In accordance with IEC 60947-7-2

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZTPE 2.5/4AN/2	50	1815120000

Note

Version	Type	Qty.	Order No.
Green/yellow	ZTPE 2.5/4AN/4	50	1815140000

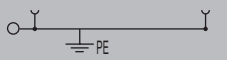
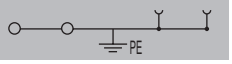
Note

Accessories

End plate / Partition plate	Type		Qty.	Order No.
dark beige	ZAP/TW ZT2.5/4AN/2		50	1816070000
Orange	ZAP/TW ZT2.5/4AN/2 OR		50	1816080000
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000

End plate / Partition plate	Type		Qty.	Order No.
	ZAP/TW ZT2.5/4AN/4		50	1816090000
Test adapter				
	ZTA ZT2.5	17.5 A	25	1827080000
	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
	ZVR ZP2.5		25	1816130000
	KOSF ZT2.5		50	1816150000
	ZZE ZP2.5		25	1816140000
Screwdriver				
	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

	ZTPE 4/2AN/1	4 mm²	ZTPE 4/4AN/2	4 mm²
Width/Height/Depth mm	6.5 x 58 x 43		6.5 x 100.5 x 43	
max. current / max. cond. cross-section -/mm²	/ 6		/ 6	
Max. clamping range mm²	0.13...6		0.13...6	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	800				800			
Max. voltage of clamp support & pluggable system V	800				800			
Rated short-time current	480 (4 mm²)				480 (4 mm²)			
for wire cross-section mm²	4	AWG 26...10	AWG 26...10		4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity	/ 3				/ 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0				A3 / V-0			
Approvals								

Clamped conductors	Rated connection	Plug-in connection	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...6 / 0.5...4		0.5...6 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4		0.5...6 / 0.5...4	
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm	

Note

Ordering data

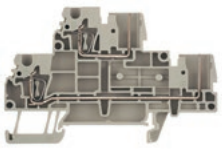
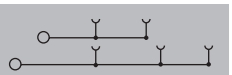
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow	ZTPE 4/2AN/1	50	1854970000	ZTPE 4/4AN/2	50	1848330000

Note

Accessories

End plate / Partition plate	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ZAP/TW ZT4/2AN	50	1855220000	ZAP/TW ZT4/4AN/2	50	1848360000
Orange	ZAP/TW ZT4/2AN OR	50	1855230000			
Test adapter						
Standard	ZTA ZT2.5 17.5 A	25	1827080000	ZTA ZT2.5 17.5 A	25	1827080000
Miscellaneous accessories WeiCoS						
Locking element	ZVR ZP4	25	1855250000	ZVR ZP4	25	1855250000
Coding element	KOSF ZT4	50	1856860000	KOSF ZT4	50	1856860000
Strain relief	ZZE ZP4	25	1855260000	ZZE ZP4	25	1855260000
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000	SDIS SLIM 0.6X3.5X100	1	2749610000
Marking tags						
	DEK 5/6 MC NE WS	1000	1609820000	DEK 5/6 MC NE WS	1000	1609820000
	WS 10/6 MC NE WS	600	1828450000	WS 10/6 MC NE WS	600	1828450000
	DEK 5/6 MM WS	600	2007120000	DEK 5/6 MM WS	600	2007120000
DIN A4 sheets						
Paper	ESO 7 DIN A4 WS	10	1607720000	ESO 7 DIN A4 WS	10	1607720000
Protective strip						
	STR 7 F.SCHT 7	20	0515300000	STR 7 F.SCHT 7	20	0515300000

For detailed information on other accessories and application in the online catalogue

	ZDT 2.5/2	2.5 mm²	ZDT 2.5/2 V	2.5 mm²
				
Width/Height/Depth mm	5.1 x 80.5 x 52		5.1 x 80.5 x 52	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.13...4**		**0.13...4**	

Technical data

	ZDT 2.5/2	2.5 mm²	ZDT 2.5/2 V	2.5 mm²
Rated data	IEC 61984, In accordance with IEC 60947-7-1		IEC 61984, In accordance with IEC 60947-7-1	
Rated voltage V	400		500	
Max. voltage of clamp support & pluggable system V	690		690	
Rated current A	24		24	
for wire cross-section mm²	2.5		2.5	
Rated impulse withstand voltage / Pollution severity	6 kV / 3		6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0		A2 / V-0	
Approvals				

IEC	UL	CSA	EN 60079-7
400	300	300	
690			
24	20	20	
2.5	AWG 26...12		

IEC	UL	CSA	EN 60079-7
500			
690			
24			
2.5			

Clamped conductors	Rated connection	Plug-in connection	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 0.5...4		0.5...4 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	
Note				

Ordering data

	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ZDT 2.5/2	50	**1815150000**	ZDT 2.5/2 V	50	**1084770000**
Blue	ZDT 2.5/2 BL	50	**1348970000**			
Plug-in connector	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	ZP 2.5/1AN/QV/1	50	**1815190000**	ZP 2.5/1AN/QV/1	50	**1815190000**
	ZP 2.5/1AN/QV/2	25	**1815200000**	ZP 2.5/1AN/QV/2	25	**1815200000**
	ZP 2.5/1AN/QV/3	25	**1815210000**	ZP 2.5/1AN/QV/3	25	**1815210000**
	ZP 2.5/1AN/QV/4	25	**1815220000**	ZP 2.5/1AN/QV/4	25	**1815220000**
	ZP 2.5/1AN/QV/5	25	**1815230000**	ZP 2.5/1AN/QV/5	25	**1815230000**
	ZP 2.5/1AN/QV/6	25	**1815240000**	ZP 2.5/1AN/QV/6	25	**1815240000**
	ZP 2.5/1AN/QV/7	25	**1815250000**	ZP 2.5/1AN/QV/7	25	**1815250000**
	ZP 2.5/1AN/QV/8	20	**1815260000**	ZP 2.5/1AN/QV/8	20	**1815260000**
	ZP 2.5/1AN/QV/9	20	**1815270000**	ZP 2.5/1AN/QV/9	20	**1815270000**
	ZP 2.5/1AN/QV/10	20	**1815280000**	ZP 2.5/1AN/QV/10	20	**1815280000**
Note						

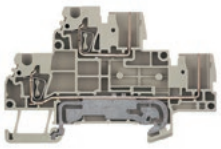
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate								
dark beige	ZAP/TW ZDT2.5/2		50	**1816110000**	ZAP/TW ZDT2.5/2		50	**1816110000**
Test adapter								
Standard	ZTA ZT2.5	17.5 A	25	**1827080000**	ZTA ZT2.5	17.5 A	25	**1827080000**
With spigot	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP2.5		25	**1816130000**	ZVR ZP2.5		25	**1816130000**
Coding element	KOSF ZT2.5		50	**1816150000**	KOSF ZT2.5		50	**1816150000**
Strain relief	ZZE ZP2.5		25	**1816140000**	ZZE ZP2.5		25	**1816140000**
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**				
Screwdriver PH2					SDS 0.6X3.5X100		1	**2749340000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

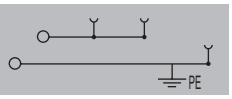
For detailed information on other accessories and application in the online catalogue	ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.	

ZDT 2.5/2 DU-PE

2.5 mm²



5.1 x 80.5 x 52
24 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

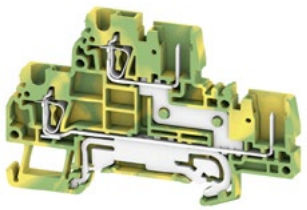
Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	**1815160000**

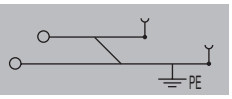
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	**1815190000**
ZP 2.5/1AN/QV/2	25	**1815200000**
ZP 2.5/1AN/QV/3	25	**1815210000**
ZP 2.5/1AN/QV/4	25	**1815220000**
ZP 2.5/1AN/QV/5	25	**1815230000**
ZP 2.5/1AN/QV/6	25	**1815240000**
ZP 2.5/1AN/QV/7	25	**1815250000**
ZP 2.5/1AN/QV/8	20	**1815260000**
ZP 2.5/1AN/QV/9	20	**1815270000**
ZP 2.5/1AN/QV/10	20	**1815280000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ZAP/TW ZDT2.5/2		50	**1816110000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
ZVR ZP2.5		25	**1816130000**
KOSF ZT2.5		50	**1816150000**
ZZE ZP2.5		25	**1816140000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/5 MC NE WS		1000	**1609801044**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDT 2.5/2 PE — 2.5 mm²



Width/Height/Depth	mm	5.1 x 80.5 x 52
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.13...4**



IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500		300	
Max. voltage of clamp support & pluggable system (V)	690			
Rated short-time current	300 (2.5 mm²)			
for wire cross-section (mm²)	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5	
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZDT 2.5/2 PE	50	**1815170000**

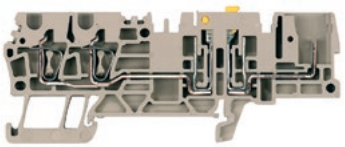
Note

Accessories

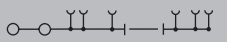
End plate / Partition plate	**Type**	**Qty.**	**Order No.**
dark beige	ZAP/TW ZDT2.5/2	50	**1816110000**
Test adapter			
Standard	ZTA ZT2.5 17.5 A	25	**1827080000**
With spigot	ZTA ZT2.5/ZA 17.5 A	25	**1847600000**
Miscellaneous accessories WeiCoS			
Locking element	ZVR ZP2.5	25	**1816130000**
Coding element	KOSF ZT2.5	50	**1816150000**
Strain relief	ZZE ZP2.5	25	**1816140000**
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 10/5 MC NE WS	720	**1635000000**
	WS 8/5 MM WS	800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZTTR 2.5 — 2.5 mm²



Width/Height/Depth	5.1 x 87 x 36 mm
max. current / max. cond. cross-section	18 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage	400	600	300	
Max. voltage of clamp support & pluggable system				
Rated current	16	16	16	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded	0.5...4 / 0.5...4 mm²	
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5 mm²	
Stripping length / Blade size	10 / 0.6 x 3.5 mm mm/-	

Note

IEC 61984, In accordance with IEC 60947-7-1

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZTTR 2.5	50	1865510000

Note

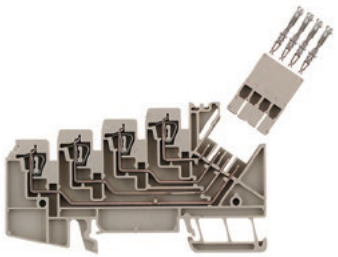
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	ZAP/TW ZTTR2.5		50	1865520000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

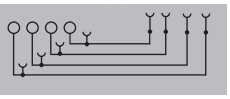
For detailed information on other accessories and application in the online catalogue

ZRV 1.5 — 1.5 mm²

Base terminal - plug



Width/Height/Depth	5.1 x 89.5 x 52
max. current / max. cond. cross-section	**4 / 2.5**
Max. clamping range	**0.13...2.5**



Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26...14		
	1.5 kV / 3		
	A1 / V-0		

Rated connection	Plug-in connection
0.5...2.5 / 0.5...1.5	
0.5...2.5 / 0.5...1.5	
8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	Base terminal

Note

Type	Qty.	Order No.
ZRV 1.5	50	**1698160000**

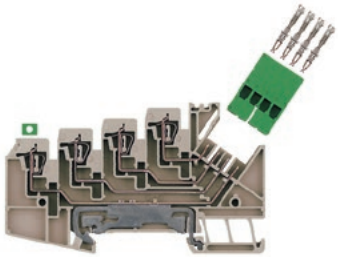
Accessories

Plug-in cross-connection			
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
STGH plug housing				
With spigot	STGH 4 ZRV1.5	4 A	50	**1698190000**
Without peg				
Crimping contact				
Reel packaged				
Reel packaged				
Reel packaged				
Single contacts	DFFC .5-1.0 ZRV1.5		500	**1705320000**
Single contacts				
Single contacts	DFFC 0.2-0.35 ZRV1.5		500	**1705310000**
Test adapter				
Plug housing black				
Black plug housing				
End plate / Partition plate				
beige Wemid				
dark brown	AP ZRV1.5 DB		10	**1698180000**
Tools				
Pressing tool	HTF ZRV		1	**9014840000**
Mounting tool				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

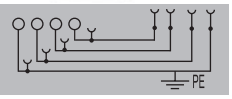
For detailed information on other accessories and application in the online catalogue

ZRV 1,5/PE — 1.5 mm²

Base terminal - plug



Width/Height/Depth	5.1 x 89.5 x 52
max. current / max. cond. cross-section	**/ 2.5**
Max. clamping range	**0.13...2.5**



IEC 61984, In accordance with IEC 60947-7-1

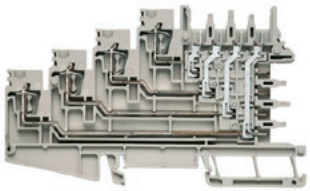
IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26...14		
	1.5 kV / 3		
	A1 / V-0		

Rated connection	Plug-in connection
0.5...2.5 1.5	
0.5...2.5 / 0.5...1.5	
8 / 0.6 x 3.5 mm	

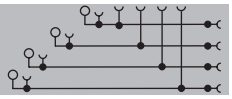
Type	Qty.	Order No.
ZRV 1.5/PE	50	**1698170000**

Type			Qty.	Order No.
ZQV 2.5/2	24 A		60	**1608860000**
ZQV 2.5/10	24 A		20	**1608940000**
STGH 4 ZRV1.5/PE GN	4 A		50	**1698200000**
DFFC .5-1.0 ZRV1.5			500	**1705320000**
DFFC 0.2-0.35 ZRV1.5			500	**1705310000**
AP ZRV1.5 DB			10	**1698180000**
HTF ZRV			1	**9014840000**
DEK 5/5 MC NE WS			1000	**1609801044**
DEK 5/5 MM WS			800	**2007110000**
WS 8/5 MM WS			800	**2007150000**

ZRV 2.5/2 — 2.5 mm²



5.2 x 115 x 69.5
10 / 4
0.21...4



IEC 61984, In accordance with IEC 60947-7-1

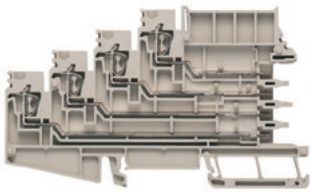
IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
2.5	AWG 24...14	AWG 26...14	
	4 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

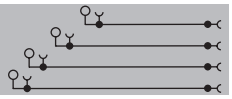
Type	Qty.	Order No.
ZRV 2.5/2	50	1906970000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
STGH ZRV2.5		50	1907000000
STGH 0.ZA ZRV2.5		50	1907010000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4200	1848480000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
STGH 0.ZA/0.R/SW ZRV2.5		25	1898430000
AP ZRV2.5		10	1906980000
HTF AFK 2.5		1	9201040000
REMOVAL TOOL AFK		1	1866760000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

ZRV 2.5/1 — 2.5 mm²



5.2 x 115 x 69.5
10 / 4
0.5...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24...14		
	4 kV / 3		
	/ V-0		

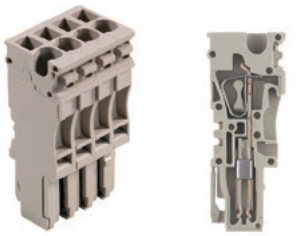
Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/1	50	1906960000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
STGH ZRV2.5		50	1907000000
STGH 0.ZA ZRV2.5		50	1907010000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4200	1848480000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
STGH 0.ZA/0.R/SW ZRV2.5		25	1898430000
AP ZRV2.5		10	1906980000
HTF AFK 2.5		1	9201040000
REMOVAL TOOL AFK		1	1866760000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

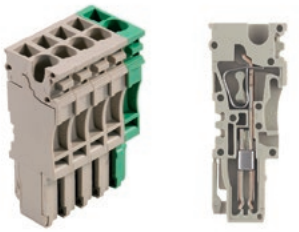
ZP 2.5/1AN — 2.5 mm²

2...17-pole



ZP 2.5/1AN/GN/BE — 2.5 mm²

2 to 17-pole
Connectors each with one green pole



Width/Height/Depth	mm	5.1 x 16.5 x 41	51 x 16 x 41
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

In accordance with IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Max. voltage of clamp support & pluggable system	V	690			
Rated current	A	24	20	20	
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

In accordance with IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Max. voltage of clamp support & pluggable system	V	690			
Rated current	A	24	20	20	
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV /		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
1-pole	ZP 2.5/1AN/1	50	**1815430000**
2-pole	ZP 2.5/1AN/2	25	**1815440000**
3-pole	ZP 2.5/1AN/3	25	**1815450000**
4-pole	ZP 2.5/1AN/4	25	**1815500000**
5-pole	ZP 2.5/1AN/5	25	**1815510000**
6-pole	ZP 2.5/1AN/6	25	**1815520000**
7-pole	ZP 2.5/1AN/7	25	**1815530000**
8-pole	ZP 2.5/1AN/8	20	**1815540000**
9-pole	ZP 2.5/1AN/9	20	**1815550000**
10-pole	ZP 2.5/1AN/10	20	**1815560000**
11-pole	ZP 2.5/1AN/11	20	**1815570000**
12-pole	ZP 2.5/1AN/12	20	**1815580000**
13-pole	ZP 2.5/1AN/13	10	**1815590000**
14-pole	ZP 2.5/1AN/14	10	**1815600000**
15-pole	ZP 2.5/1AN/15	10	**1815610000**
16-pole	ZP 2.5/1AN/16	10	**1815620000**
17-pole	ZP 2.5/1AN/17	10	**1815180000**
1-pole (green)	ZP 2.5/1AN/1 GN	50	**1820580000**

Note

Type	Qty.	Order No.
ZP 2.5/1AN/2 GN/BE	25	**1867090000**
ZP 2.5/1AN/3 GN/BE	25	**1867100000**
ZP 2.5/1AN/4 GN/BE	25	**1867110000**
ZP 2.5/1AN/5 GN/BE	25	**1867120000**
ZP 2.5/1AN/6 GN/BE	25	**1867130000**
ZP 2.5/1AN/7 GN/BE	25	**1867140000**
ZP 2.5/1AN/8 GN/BE	20	**1867150000**
ZP 2.5/1AN/9 GN/BE	20	**1867160000**
ZP 2.5/1AN/10 GN/BE	20	**1867170000**
ZP 2.5/1AN/11 GN/BE	20	**1867180000**
ZP 2.5/1AN/12 GN/BE	20	**1867190000**
ZP 2.5/1AN/13 GN/BE	10	**1867200000**
ZP 2.5/1AN/14 GN/BE	10	**1867210000**
ZP 2.5/1AN/15 GN/BE	10	**1867220000**
ZP 2.5/1AN/17 GN/BE	10	**1867240000**

Accessories

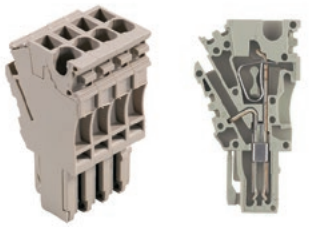
Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	**1827080000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Protective strip				
DIN A4 sheets				
Paper				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

Type		Qty.	Order No.
ZTA ZT2.5	17.5 A	25	**1827080000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
WS 8/5 MM WS		800	**2007150000**

ZP 2.5/1AN/QV — 2.5 mm²

1...17-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV /		
	A2 / V-0		

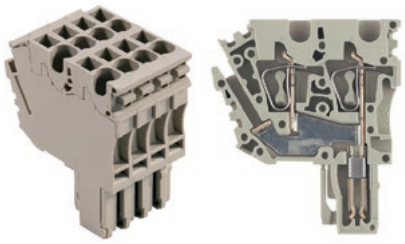
Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

ZP 2.5/2AN/QV — 2.5 mm²

1...16-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

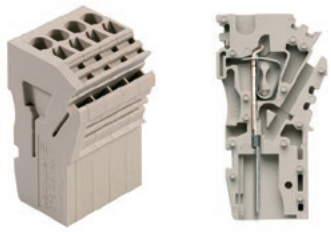
Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1 GN	50	1820590000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

ZPS 2.5/1AN/QV — 2.5 mm²

2 to 16-pole
Connectors each with one green pole



7.6 x 22.55 x 42
24 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	24	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.13...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	25	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/9	10	1865970000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
STR 7 F.SCHT 7		20	0515300000
ESO 7 DIN A4 WS		10	1607720000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000
ZGB 30		20	1611930000

ZP 4/1AN — 4 mm²

1...16-pole

Width/Height/Depth	mm	6.5 x 22.5 x 47.5
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	
Max. voltage of clamp support & pluggable system -				
Rated current A	32	28	28	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...6	
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
1-pole	ZP 4/1AN/1	50	**1848340000**
2-pole	ZP 4/1AN/2	25	**1854990000**
3-pole	ZP 4/1AN/3	25	**1855000000**
4-pole	ZP 4/1AN/4	25	**1855010000**
5-pole	ZP 4/1AN/5	20	**1855020000**
6-pole	ZP 4/1AN/6	20	**1855030000**
7-pole	ZP 4/1AN/7	20	**1855040000**
8-pole	ZP 4/1AN/8	20	**1855050000**
9-pole	ZP 4/1AN/9	10	**1855060000**
10-pole	ZP 4/1AN/10	10	**1855070000**
11-pole			
12-pole	ZP 4/1AN/12	10	**1855090000**
13-pole			
14-pole	ZP 4/1AN/14	10	**1855110000**
15-pole			
16-pole			
17-pole			
1-pole (green)	ZP 4/1AN/1 GN	50	**1854980000**

Note

Accessories

Plug-in cross-connection	Type	Qty.	Order No.
2-pole			
10-pole			
Test adapter			
Standard			
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Protective strip			
DIN A4 sheets			
Paper			
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 10/6 MC NE WS	600	**1828450000**

For detailed information on other accessories and application in the online catalogue

Single plates for individual assembly

The WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Marking option

Ordering data	
2.5 mm²	Dark beige
	Blue
	green
4.0 mm²	Dark beige
	Blue
	green
Note	

ZP 2.5/1AN ZA

End plate

Type	Qty.	Order No.
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000
ZP 4/1AN ZA	50	1051940000
ZP 4/1AN ZA BL	50	1356790000
ZP 4/1AN ZA GN	50	1051950000

ZP 2.5/1AN ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 4/1AN ZA O.RA	50	1051910000
ZP 4/1AN ZA O.RA BL	50	2449680000
ZP 4/1AN ZA O.RA GN	50	1051920000

ZP 2.5/1AN

Start plate

Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN/1 BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 4/1AN	50	1051970000
ZP 4/1AN GN	50	1051980000

WeiCoS plug

- Marking option
- Cross-connection option

Ordering data	
2.5 mm²	Dark beige
	green
Note	

ZP 2.5/1AN/QV ZA

End plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV ZA GN	50	1007950000

ZP 2.5/1AN/QV ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA0.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA0.RA GN	50	1007980000

ZP 2.5/1AN/QV

Start plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV GN	50	1007920000

WeiCoS plug

- Marking option
- Cross-connection option
- 2 cable connection options

Ordering data	
2.5 mm²	Dark beige
	green
Note	

ZP 2.5/2AN/QV

End plate

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV GN	50	1007830000

ZP 2.5/2AN/QV ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/2AN/QV ZA O.RA	50	1007870000

WeiCoS coupling

- Marking option
- Cross-connection option

Ordering data
2.5 mm²
Note

ZPS 2.5/1AN/QV/1

Individual plate

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	**1861040000**
ZPS 2.5/1AN/QV/1 GN	50	**1861050000**

GHDE ZPS2.5/1AN

Cover

Type	Qty.	Order No.
GHDE ZPS2.5/1AN	50	**1866070000**

Application

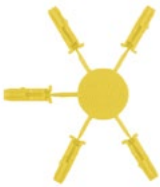
Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm²
4.0 mm²
Note

KOSF ZT

Coding element



Type	Qty.	Order No.
KOSF ZT2.5	50	**1816150000**
KOSF ZT4	50	**1856860000**

Application

Interlock

- ZVR ZP to interlock with the terminal block
- ZVR ZPS interlock, plug – socket

Ordering data
2.5 mm²
4.0 mm²
Note

ZVR ZP 2.5

Locking element

Type	Qty.	Order No.
ZVR ZP2.5	25	**1816130000**
ZVR ZP4	25	**1855250000**

ZVR ZPS 2.5

Interlock

Type	Qty.	Order No.
ZVR ZPS2.5	20	**1878620000**

Application ZVR ZP

Strain reliefs / Protective cover

- ZVR ZP a strain relief transmits mechanical forces to the plastic housing and protects the contact point
- ZAD ZT / ZPS Finger protection Protection of the contact point from dirt

Ordering data
2.5 mm²
4.0 mm²
Note

ZZE ZP

Cable grip

Type	Qty.	Order No.
ZZE ZP2.5	25	**1816140000**
ZZE ZP2.5/4	25	**1866220000**
ZZE ZP2.5/8	25	**1866230000**
ZZE ZP4	25	**1855260000**

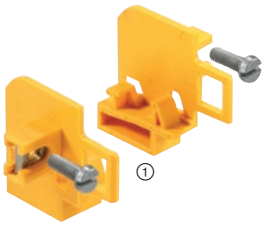
ZAD ZT / ZPS

Protective cover

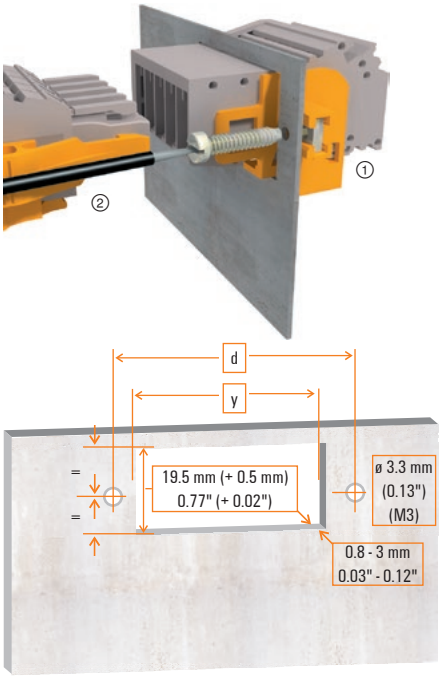
Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	**1861030000**

Application ZZE ZP

Screwed through-wall fixing



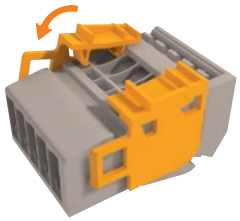
Type	Side	Qty.	Order No.
① ZVLA DF ZPS2.5	Plate	20	**1878600000**
② ZVR ZPS2.5	Plug	20	**1878620000**



y = n x 5.1 mm + 5.5 mm
d = n x 5.1 mm + 13.5 mm

y = n x 0.25" + 0.216"
d = n x 0.25" + 0.53"

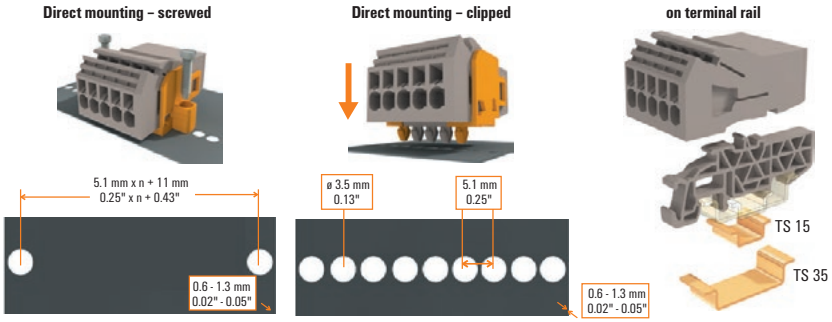
Pluggable terminal blocks



Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pol.	y		d	
	mm	inch(")	mm	inch(")
2-pol.	15.7	0.62	23.7	0.93
3-pol.	20.8	0.82	28.8	1.13
4-pol.	25.9	1.02	33.9	1.33
5-pol.	31.0	1.22	38.9	1.53
6-pol.	36.1	1.42	44.1	1.74
7-pol.	41.2	1.62	49.2	1.94
8-pol.	46.3	1.82	54.3	2.14
9-pol.	51.4	2.02	59.4	2.34
10-pol.	56.5	2.22	64.5	2.55
11-pol.	61.6	2.43	69.6	2.74
12-pol.	66.7	2.63	74.7	2.94
13-pol.	71.8	2.83	79.8	3.14
14-pol.	76.9	3.03	84.9	3.34
15-pol.	82.0	3.23	90.0	3.54
16-pol.	87.1	3.43	95.1	3.74

Set of fixings – coupling



Direct mounting, screwed

ZVLA SC ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA SC ZPS2.5	20	1866240000
Note			

Direct mounting, plugged

ZVLA RC ZPS 2.5

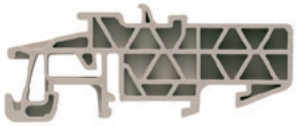
Ordering data	Type	Qty.	Order No.
	ZVLA RC ZPS2.5	20	1866260000
Note			

BA RC ZPS 2.5

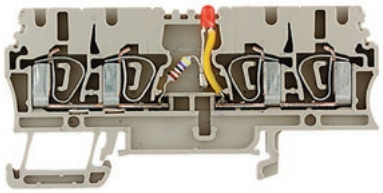
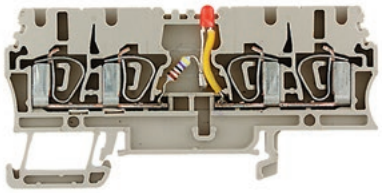
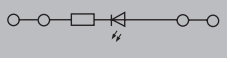
Ordering data	Type	Qty.	Order No.
	BA RC ZPS2.5	25	1908560000
Note			

on terminal rail

MOFU 15/35 ZPS 2.5



Ordering data	Type	Qty.	Order No.
	MOFU 15/35 ZPS2.5	25	1899170000
Note			

	ZDU 2.5/2x2AN/LD+	2.5 mm²	ZDU 2.5/2x2AN/LD-	2.5 mm²
	LED indicator		LED indicator	
				
Width/Height/Depth mm	5.1 x 79.5 x 38.5		5.1 x 79.5 x 38.5	
max. current / max. cond. cross-section A/mm²	**0.05 / 4**		**0.05 / 4**	
Max. clamping range mm²	**0.05...4**		**0.05...4**	

Technical data

	IEC 60947-7-1				IEC 60947-7-1			
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal V	24				24			
Rated current A	0.05				0.05			
for wire cross-section mm²	2.5				2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Component 1								
Approvals	CE UKCA				CE UKCA			
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 1.5...2.5				0.5...4 / 1.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Component diode								
Type diode								
Forward current								
Reverse voltage								
Forward voltage								
Component LED								
Colour	red				red			
Voltage, min.	6V				6V			
Voltage, max.	24V				24V			
Current	20mA				20mA			
Component resistor								
Resistance	4.7kOhm				4.7kOhm			
Power loss	0.4W				0.4W			
Tolerance (%)	1%				1%			
Note								

Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige						
dark beige (red LED)	ZDU 2.5/2X2AN/LD+	20	**1692590000**	ZDU 2.5/2X2AN/LD-	20	**1692600000**
Note						

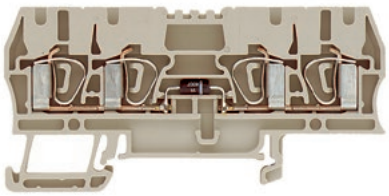
Accessories

End plate / Partition plate	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	ZAP/TW 3	50	**1608800000**	ZAP/TW 3	50	**1608800000**
Reducing sleeves						
for conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	1000	**1614290000**	ZRH 2.5/2 GR/V0	1000	**1614290000**
for conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	1000	**1614300000**	ZRH 2.5/1 WS	1000	**1614300000**
End bracket						
dark beige	ZEW 35	20	**9540000000**	ZEW 35	20	**9540000000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 10/5 MC NE WS	720	**1635000000**	WS 10/5 MC NE WS	720	**1635000000**
	WS 8/5 MM WS	800	**2007150000**	WS 8/5 MM WS	800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/2x2AN/D+ — 2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
0.5 / 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

CE UKCA

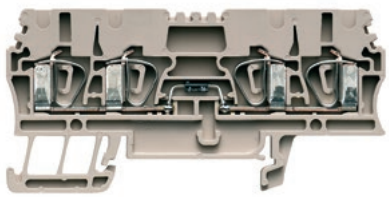
Rated connection
0.5...4 / 0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	1650340000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZDU 2.5/2x2AN/D- — 2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
0.5 / 4
0.5...4

IEC 60947-7-1

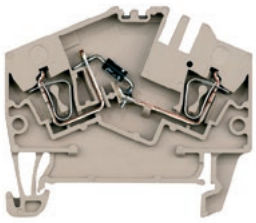
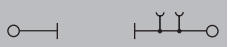
IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

CE UKCA

Rated connection
0.5...4 / 0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

	ZDU 2.5-2/D+	2.5 mm²	ZDU 2.5-2 O.EL	2.5 mm²
	Diode circuit		Diode circuit	
				
Width/Height/Depth mm	5.1 x 50.5 x 43.5		5.1 x 50.5 x 43.5	
max. current / max. cond. cross-section A/mm²	**0.5 / 2.5**		**0.5 / 2.5**	
Max. clamping range mm²	**0.05...2.5**		**0.05...2.5**	

Technical data

Rated data		IEC 60947-7-1				
Rated voltage of feed-through terminal V	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated current A	400	600	600		400			
for wire cross-section mm²	0.5	1	1		1			
Rated impulse withstand voltage / Pollution severity	2.5	AWG 26...12	AWG 26...12		2.5			
Gauge to IEC 60947-1 / UL 94 flammability rating			6 kV / 3				6 kV / 3	
Component 1			A2 / V-0				A2 / V-0	
Approvals			Diode 1N 4007 /				Diode 1N 4007 /	
	CE EAC UKCA				CE EAC UKCA			
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 1.5...1.5				0.5...2.5 / 1.5...1.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Component diode								
Type diode	1N4007							
Forward current	1A							
Reverse voltage	1300V							
Forward voltage	0.7V							
Component LED								
Colour								
Voltage, min.								
Voltage, max.								
Current								
Component resistor								
Resistance								
Power loss								
Tolerance (%)								
Note								

Ordering data

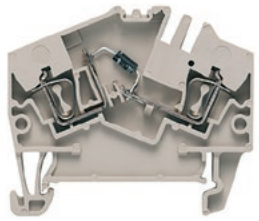
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	ZDU 2.5-2/D+	20	**1779110000**	ZDU 2.5-2 O.EL	20	**1868870000**
dark beige (red LED)						
Orange						
Note						

Accessories

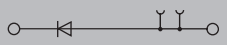
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 2.5/2	24 A	60	**1608860000**	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate								
Blue								
dark beige	ZAP/TW7		50	**1706110000**	ZAP/TW7		50	**1706110000**
End bracket								
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Screwdriver PH2								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
For detailed information on other accessories and application in the online catalogue								

ZDU 2.5-2/D- — 2.5 mm²

Diode circuit



5.1 x 50.5 x 43.5
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
0.5	1	1	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

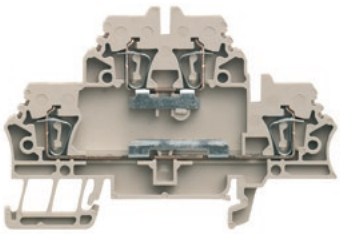
Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000

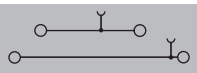
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5 EM — 2.5 mm²

Double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
20	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

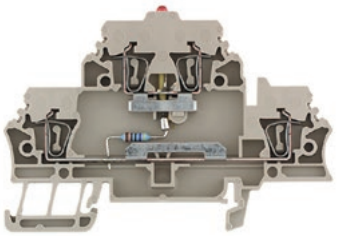
Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5 BL		20	1748800000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

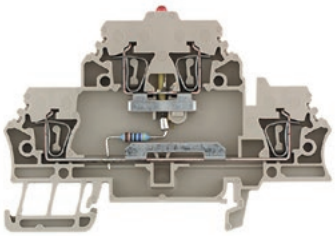
ZDK 2.5/LD RT/1 — 2.5 mm²

LED circuit

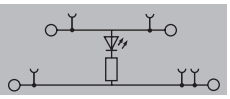


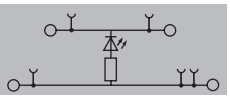
ZDK 2.5/LD RT/2 — 2.5 mm²

LED circuit



		ZDK 2.5/LD RT/1	ZDK 2.5/LD RT/2
Width/Height/Depth	mm	5.1 x 79.1 x 53	5.1 x 79.1 x 53
max. current / max. cond. cross-section	A/mm²	**10 / 2.5**	**10 / 2.5**
Max. clamping range	mm²	**0.05...2.5**	**0.05...2.5**





Technical data

		ZDK 2.5/LD RT/1	ZDK 2.5/LD RT/2
Rated data			
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Component 1			
Approvals			
Clamped conductors			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		
Component diode			
Type diode			
Forward current			
Reverse voltage			
Forward voltage			
Component LED			
Colour		red	red
Voltage, min.		6V	6V
Voltage, max.		24V	24V
Current		20mA	20mA
Component resistor			
Resistance		4.7kOhm	4.7kOhm
Power loss		0.4W	0.4W
Tolerance (%)		1%	1%

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
	/ 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige			
dark beige (red LED)	ZDK 2.5/LD RT/1	50	**1690010000**
Orange			

Version	Type	Qty.	Order No.
	ZDK 2.5/LD RT/2	50	**1693940000**

Note

Accessories

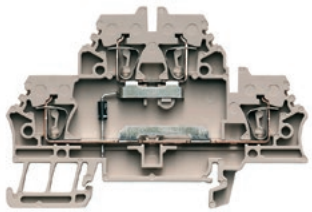
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
Blue				
dark beige	ZAP/TW ZDK2.5		20	**1674730000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Screwdriver PH2				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Plug-in cross-connection	Type		Qty.	Order No.
	ZQV 2.5/2	24 A	60	**1608860000**
	ZQV 2.5/10	24 A	20	**1608940000**
	ZAP/TW ZDK2.5		20	**1674730000**
	ZEW 35		20	**9540000000**
	SDIS SLIM 0.6X3.5X100		1	**2749610000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

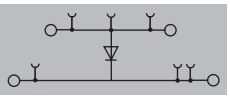
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/1 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

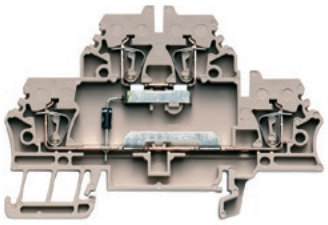
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/1	50	1690020000

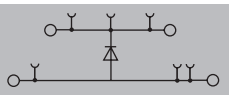
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/2 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

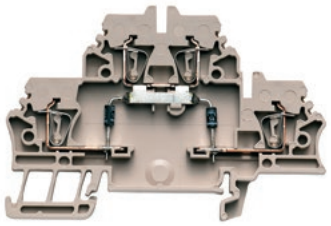
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000

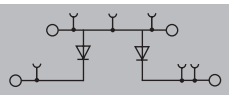
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/4 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 / Diode 1N 4007		

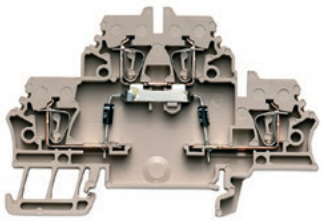
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

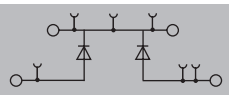
Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/5 — 2.5 mm²

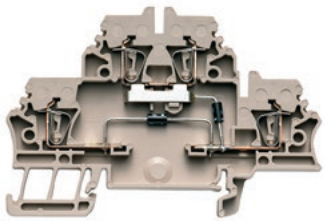
Diode circuit

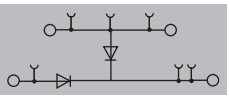




ZDK 2.5/D/6 — 2.5 mm²

Diode circuit





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5/D/5	ZDK 2.5/D/6
5.1 x 79.1 x 53	5.1 x 79.1 x 53
0.5 / 2.5	**0.5 / 2.5**
0.05...2.5	**0.05...2.5**

Technical data

		ZDK 2.5/D/5	ZDK 2.5/D/6
Rated data			
Rated voltage of feed-through terminal	V	500	500
Rated current	A	0.5	0.5
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Component 1		Diode 1N 4007 / Diode 1N 4007	Diode 1N 4007 / Diode 1N 4007
Approvals			
Clamped conductors			
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Component diode			
Type diode		1N4007	1N4007
Forward current		1A	1A
Reverse voltage		1300V	1300V
Forward voltage		0.7V	0.7V
Component LED			
Colour			
Voltage, min.			
Voltage, max.			
Current			
Component resistor			
Resistance			
Power loss			
Tolerance (%)			
Note			

IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/D/5	50	**1690050000**
dark beige (red LED)			
Orange			
Note			

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/D/6	50	**1690060000**
dark beige (red LED)			
Orange			
Note			

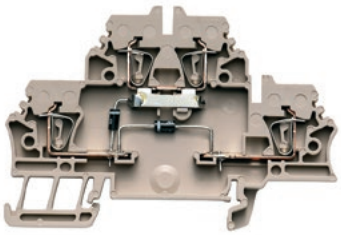
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
Blue				
dark beige	ZAP/TW ZDK2.5		20	**1674730000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Screwdriver PH2				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

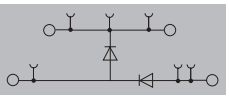
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
Blue				
dark beige	ZAP/TW ZDK2.5		20	**1674730000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Screwdriver PH2				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/9 — 2.5 mm²



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
	/ 3		
	/ V-0		
	Diode /		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 /
1N4007
1A
1300V
0.7V

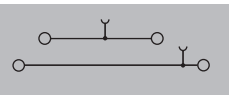
Type	Qty.	Order No.
ZDK 2.5/D/9	50	2738140000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 4-2 EL — 4 mm²

Double-level terminal

6.1 x 77.6 x 60
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
		8 kV / 3	
		A3 / V-0	

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

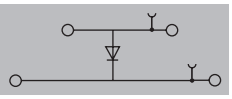
Type	Qty.	Order No.
ZDK 4-2 EL	50	8709760000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW ZDK4-2		50	8670760000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000

ZDK 4-2/D forward — 4 mm²

Diode circuit

6.1 x 77.6 x 60
0.5 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
0.5	1	1	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

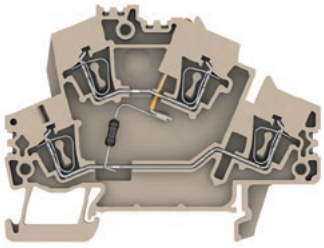
Rated connection
0.5...6 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

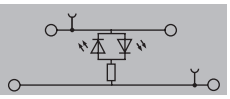
Type	Qty.	Order No.
ZDK 4-2/D FORWARD	50	8670520000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW ZDK4-2		50	8670760000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/6 MC NE WS		1000	1609820000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000

ZDK 2.5-2/LD 24 V UC — 2.5 mm²

Diode circuit





Width/Height/Depth	mm	5.1 x 72.5 x 53
max. current / max. cond. cross-section	mA/mm²	**20 / 2.5**
Max. clamping range	mm²	**0.05...2.5**

Technical data

IEC 60947-7-1

	IEC	UL	CSA	EN 60079-7
Rated data				
Rated voltage of feed-through terminal V	24			
Rated current A	10			
for wire cross-section mm²	2.5			
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Component 1			LED red / Resistance 4.7 kΩ	
Approvals	CE UKCA			
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Component diode				
Type diode				
Forward current				
Reverse voltage				
Forward voltage				
Component LED				
Colour	red			
Voltage, min.	6V			
Voltage, max.	24V			
Current	20mA			
Component resistor				
Resistance	4.7kΩ			
Power loss	0.4W			
Tolerance (%)	1%			
Note				

Ordering data

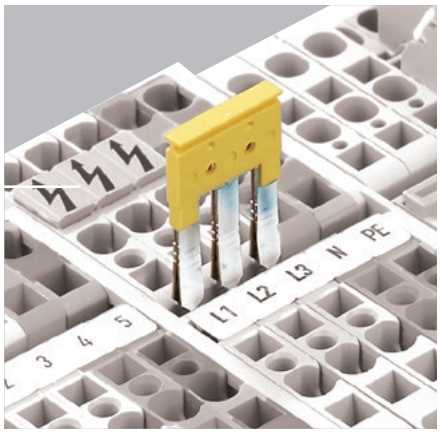
Version	Type	Qty.	Order No.
dark beige	ZDK 2.5-2/LD 24VUC	50	**1905310000**
dark beige (red LED)			
Orange			
Note			

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
Blue				
dark beige				
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

Pluggable Cross-Connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and
- **ZQV 2.5N** as 2- to 10-pole combs and
- **ZQV 4** as 2- to 10-pole combs and
- **ZQV 6** as 2- to 4-pole combs and
- **ZQV 10**, **ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10**, **ZQV 35-16** and **ZQV 16-10** used as a reducer cross-connector distributes current from terminals with larger cross-connections to terminals with smaller cross-section.

These versions come with complete shock protection.

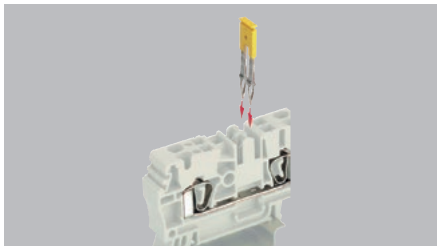
However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

Breaking out contact elements

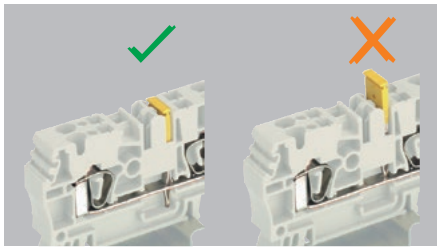
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Fitting and changing crossconnections

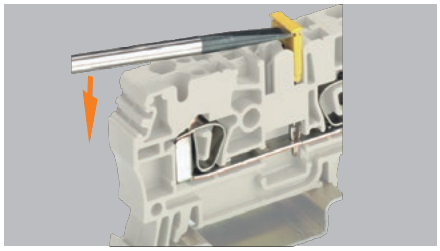
The fitting and changing of cross-connections is a trouble-free and fast operation:
– Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

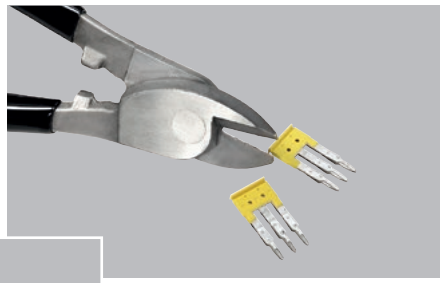


– Remove a cross-connection by simply prising it out with a screwdriver.



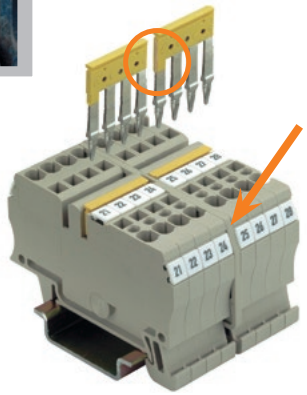
Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.

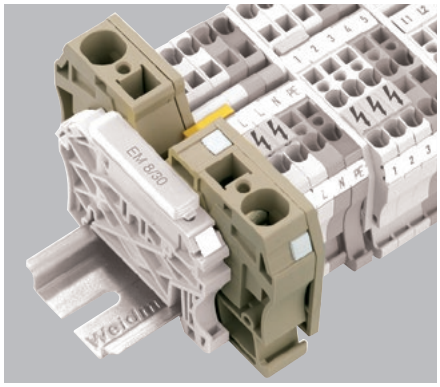


Caution:
Contact elements must not be deformed!

Note:
In the use of manually cut ZQV cross-connections and cross-connections with bare cut edges (>10 poles), the voltage reduces to 25 V.



ZEI 16 supply terminal



Integrated partition plate

Output possible on left and right

The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm². Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

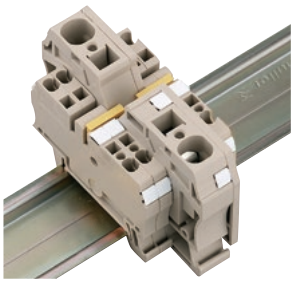
The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Output options and corresponding cross-connections

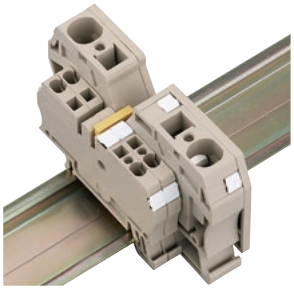
Feed terminal	Output terminal	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5	•	•
	ZDU 2.5 3AN	ZQV 2.5	•	•
	ZDU 2.5 4AN	ZQV 2.5	•	•
	ZDU 2.5 N	ZQV 2.5	•	•
	ZDU 2.5 N/3AN	ZQV 2.5	•	•
	ZDU 2.5N /4AN	ZQV 2.5	•	•
	ZDU 4	ZQV 4	•	•
	ZDU 4 3AN	ZQV 4	•	• [1]
	ZDU 4 4AN	ZQV 4	•	• [1]
	ZDU 6	ZQV 6	•	•
	ZDU 6 3AN	ZQV 6	•	•
	ZTR 2.5	ZQV 2.5	• [2]	• [2]
	ZTR 2.5 3AN	ZQV 2.5	• [2]	• [2]
	ZTR 2.5 4AN	ZQV 2.5	•	•
Feed terminal	**Output terminal**	**Cross-connection**	**Supply left**	**Supply right**
ZEI 6	ZDU 1.5	ZQV 1.5	•	•
	ZDU 1.5 3AN	ZQV 1.5	•	•
	ZDU 1.5 4AN	ZQV 1.5	•	•

1) mit IEPL 2) mit QVAR 3) second pole must be broke out

Imax =
Σ In (left)



Imax =
Σ In (left) + Σ In (right)



Imax =
Σ In (right)

Maximum current flow I_{max} only with ZEI 16

Feed terminal	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm²	48 A	76 A
		25 mm²	48 A	89 A
ZDU 2.5/4AN	ZQV 2.5	16 mm²	48 A	76 A
		25 mm²	48 A	89 A
ZDU 4	ZQV 4	16 mm²	64 A	76 A
		25 mm²	66 A	100 A
ZDU 6	ZQV 6	16 mm²	76 A	76 A
		25 mm²	82 A	100 A

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left

Supply on the right

Supply options and corresponding cross-connections

on the left

Supply terminals			2.5 mm²									4 mm²			6 mm²	
Output terminals on the right			ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN	ZDU	ZDU 3AN
1.5 mm²	ZDU	ZQV 1.5	• 1)		• 1)						• 1)					
	ZDU 3AN		•		• 1)						• 1)	•				
	ZDU 4AN		•		• 1)							•				
2.5 mm²	ZDU	ZQV 2.5										•	• 1)	• 1)	• 3)	• 1)
	ZDU 3AN											• 2)	• 2)	• 2)	• 2)	
	ZDU 4AN											•	• 1)	• 1)	•	• 1)
	ZDU N											•	• 1)	• 1)	•	• 1)
	ZDU N/3AN											• 2)	• 2)	• 2)	• 2)	
	ZDU N/4AN											•	• 1)	• 1)	•	• 1)
	ZTR											• 2)	• 2)	• 2)	• 2)	
	ZTR 3AN											• 2)	• 2)	• 2)	• 2)	
	ZTR 4AN											•	•	• 1)	•	• 1)
4 mm²	ZDU	ZQV 4													•	
	ZDU 3AN														•	
	ZDU 4AN														•	

on the right

Supply terminals			2.5 mm²									4 mm²			6 mm²	
Output terminals on the left			ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN	ZDU	ZDU 3AN
1.5 mm²	ZDU	ZQV 1.5	•	• 2)					• 2)	• 2)					•	•
	ZDU 3AN		•	• 2)					• 2)	• 2)					•	•
	ZDU 4AN		• 1)	• 2)					• 2)	• 2)					• 1)	•
2.5 mm²	ZDU	ZQV 2.5										•	•	•	• 3)	•
	ZDU 3AN											• 2)	• 2)	• 2)	• 2)	• 2)
	ZDU 4AN											• 1)	• 1)	• 1)	• 1)	• 1)
	ZDU N											•	•	•	•	•
	ZDU N/3AN											• 2)	• 2)	• 2)	• 2)	• 2)
	ZDU N/4AN											• 1)	• 1)	• 1)	• 1)	• 1)
	ZTR											• 2)	• 2)	• 2)	• 2)	• 2)
	ZTR 3AN											• 2)	• 2)	• 2)	• 2)	• 2)
	ZTR 4AN											• 1)	• 1)	• 1)	• 1)	•
4 mm²	ZDU	ZQV 4													•	•
	ZDU 3AN															•
	ZDU 4AN															

1) with IEPL
2) with QVAR
3) Maximum current value at the smallest cross-section:
- ZDU 6 with ZQV 2.5/3 on ZDU 2.5 : 55A
- ZDU 6 with ZQV 2.5/4 on ZDU 2.5 : 57 A

Possible combinations

In one cross-connection channel

single

adjacent

bridging

In two cross-connection channel

parallel bridging

parallel lengthening

chain bridge

Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type Standard terminals	Crosssection mm²	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
ZDU 1.5 ..	1.5	ZQV 1.5	•	•	•	•	•	•
ZDK 1.5	1.5	ZQV 1.5	•	•	•			
ZDK 1.5 V	1.5	ZQV 1.5	•	•	•	not bridgeable on top		
ZDK 1.5 DU-PE	1.5	ZQV 1.5	•	•	•	not bridgeable at bottom		
ZRV 1.5 ...	1.5	ZQV 1.5	•	•	•			
ZDU 2.5	2.5	ZQV 2.5	•	•	•	•	•	•
ZDU 2.5 / 3 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5 / 4 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5N ...	2.5	ZQV 2.5	•	•	•	•	•	•
ZDUA 2.5-2 ...	2.5	ZQV 2.5N	•	•	•			
ZDK 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZDK 2.5 ... PE	2.5	ZQV 2.5	•	•	•	not bridgeable at bottom		
ZDK 2.5-2 ...	2.5	ZQV 2.5	•	•	•			
ZDKPE 2.5-2/ ...	2.5	ZQV 2.5	•	•	•			
ZDLD 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZVLD 2.5	2.5	ZQV 2.5	•	•	•			
ZTR 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZTR 2.5-2	2.5	ZQV 2.5	•	•	•	•	•	•
ZTTR 2.5	2.5	ZQV 2.5N	•	•	•	•	•	•
ZDTR 2.5	2.5	ZQV 2.5N	•	•	•			
ZSI 2.5	2.5	ZQV 6	•	•	•			
ZSI 2.5 2x2AN	2.5	ZQV 4	•	•	•			
ZSI 2.5/2	2.5	ZQV 2.5	•	•	•			
ZT 2.5 ...	2.5	ZQV 2.5N	•	•	•	•	•	•
ZT 2.5/4AN/4	2.5	ZQV 2.5N	•	•	•			
ZP 2.5 ... QV	2.5	ZQV 2.5N	•	•	•			
ZRV 2.5 ...	2.5	ZQV 2.5/...	•	•	•			
ZDU 4 ...	4		•	•	•			
ZDK 4-2 ...	4		•	•	•			
ZDK 4-2 V	4		•	•	•	not bridgeable on top		
ZDK 4-2 ... PE	4		•	•	•	not bridgeable at bottom		
ZT 4 ...	4		•	•	•	•	•	•
ZDU 6	6		•	•	•			
ZDU 6-2 ...	6		•	•	•			
ZSI 6-2 ...	6		•	•	•			
ZTR 6-2	6		•	•	•			
ZDU 10 ...	10		•			•		
ZPE 10 ...	10		•			•		
ZDU 16	16		•			•		
ZPE 16	16		•			•		
ZDU 35	35		•			•		
ZPE 35	35		•			•		

Cross-connections according to dimensions

ZQV 1.5

Technical data	
Rated current	17.5 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 1.5/2	60	1776120000
3-pole	ZQV 1.5/3	60	1776130000
4-pole	ZQV 1.5/4	60	1776140000
5-pole	ZQV 1.5/5	20	1776150000
6-pole			
7-pole			
8-pole			
9-pole			
10-pole	ZQV 1.5/10	20	1776200000
20-pole			
24-pole			

Note

ZQV 2.5

Technical data	
Rated current	24 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 2.5/2	60	1608860000
3-pole	ZQV 2.5/3	60	1608870000
4-pole	ZQV 2.5/4	60	1608880000
5-pole	ZQV 2.5/5	20	1608890000
6-pole	ZQV 2.5/6	20	1608900000
7-pole	ZQV 2.5/7	20	1608910000
8-pole	ZQV 2.5/8	20	1608920000
9-pole	ZQV 2.5/9	20	1608930000
10-pole	ZQV 2.5/10	20	1608940000
20-pole	ZQV 2.5/20	20	1908960000
24-pole			

Note

ZQV 4

Technical data	
Rated current	32 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 4/2 GE	60	1608950000
3-pole	ZQV 4/3 GE	60	1608960000
4-pole	ZQV 4/4 GE	60	1608970000
5-pole	ZQV 4/5 GE	20	1608980000
6-pole	ZQV 4/6 GE	20	1608990000
7-pole	ZQV 4/7 GE	20	1609000000
8-pole	ZQV 4/8 GE	20	1609010000
9-pole	ZQV 4/9 GE	20	1609020000
10-pole	ZQV 4/10 GE	20	1609030000
20-pole	ZQV 4/20 GE	20	1909010000
24-pole			

Note

Cross-connections according to dimensions

ZQV 35-10

Reducing cross-connection

Technical data	
Rated current	125 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 35-10	10	7920100000
3-pole			
4-pole			
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
24-pole			

Note

ZQB 2.5

Technical data	
Rated current	24 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQB 2.5-2	50	1677120000
3-pole			
4-pole			
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
24-pole			

ZQS 2.5

Technical data	
Rated current	24 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQS 2.5/2	20	1633200000
3-pole	ZQS 2.5/3	20	1633210000
4-pole	ZQS 2.5/4	20	1633220000
5-pole	ZQS 2.5/5	20	1633230000
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
24-pole			

Note

ZQV 6

41 A

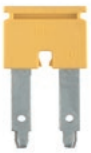
Type	Qty.	Order No.
ZQV 6/2 GE	60	**1627850000**
ZQV 6/3 GE	60	**1627860000**
ZQV 6/4 GE	60	**1627870000**
ZQV 6/24 GE	10	**1908990000**

ZQV 10/2

57 A

Type	Qty.	Order No.
ZQV 10/2	25	**1739680000**

ZQV 16/2



76 A

Type	Qty.	Order No.
ZQV 16/2	25	**1739690000**

ZQV 35/2

125 A

Type	Qty.	Order No.
ZQV 35/2	10	**1739700000**

ZVQ 2.5/1.5

24 A

Type	Qty.	Order No.
ZVQ 2.5/1.5	50	**1720700000**

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

		ZTA 1	ZTA 2	ZTA 3
		For terminal width 5.1 mm	For terminal width 6.1 mm	For terminal width 8.1 mm
Dimensions				
Width / Length / Height	mm	5.1 / / 31.5	6.1 / / 31.5	5.1 / / 31.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V	9	9	9
Rated current	A	1.5	1.5	1.5
for wire cross-section	mm²	0.5…1.5 1.5	0.5…1.5 1.5	0.5…1.5 1.5
Clamped conductors				
Solid / Stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
Flexible / Flexible with ferrule	mm²			
Ordering data				
	1-pole			
	with snap-in pegs			
Note				
Type		ZTA 1	ZTA 2 ZDU4	ZTA 3 ZDU6
Qty.		25	25	25
Order No.		**1609040000**	**1609060000**	**1654050000**
		ZTA 1/ZA	ZTA 2/ZA ZDU4	
		25	25	
		1609050000	**1609070000**	

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

		ZTA 6	ZTA 7	ZTA ZT2.5
		For terminal width 6.1 mm	For terminal width 8.1 mm	For terminal width 5.1 mm
Dimensions				
Width / Length / Height	mm	6.1 / / 31.5	8.1 / / 31.5	5.1 / / 20
Stripping length	mm	6	6	10
Rated data				
Rated voltage	V	17.5	9	17.5
Rated current	A	1.5	1.5	1
for wire cross-section	mm²	0.5…1.5 1.5	0.5…1.5 1.5	0.5…1 4
Clamped conductors				
Solid / Stranded	mm²	0.75…1.5	0.5…1.5	0.5…1
Flexible / Flexible with ferrule	mm²			
Ordering data				
	1-pole			
	with snap-in pegs			
Note				
Type				ZTA ZT2.5
Qty.				25
Order No.				**1827080000**
		ZTA 6/ZA	ZTA 7/ZA	ZTA ZT2.5/ZA
		25	25	25
		1780660000	**1780670000**	**1847600000**

ZTA 4

For terminal width 5.1 mm

5.1 / / 31	
10	
11	
1.5	
0.5…1.5 1.5	
0.5…1.5	

Type	Qty.	Order No.
ZTA 4	25	**1688110000**

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	
Rated current	20 mA
Ordering data	
	Test plug
Note	

PS

Plug diameter 2.0 mm

Type	Qty.	Order No.
PS 2.0 OR	20	**0293800000**

PS 2.3 RT

Plug diameter 2.3 mm

Type	Qty.	Order No.
PS 2.3 RT	20	**0180400000**

PS ZQV test probes

PS ZQV

- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.

Technical data

	Test probes
Rated voltage	1000 V
Max. voltage of clamp support & pluggable system	1000 V
Weight	
Note	For Feed-through terminals with a pitch of 3.5 mm to 8 mm.

Ordering data

Version	Type	Qty.	Order No.
	PS_ZQV_SET	1	**1116710000**
	PS_ZQV	1	**1121740000**
Note	1x measuring probe red, 1x measuring probe black.		

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

ZRH 1.5 S

Technical data	
Product type	
Ordering data	
0,13…0,2 mm², white	
0,25…0,5 mm², grey	
0,75…1,0 mm², dark grey	
Note	

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5S/1	500	**1781950000**

ZRH 1.5 H

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5H/1	1000	**1678810000**
ZRH 1.5H/2	1000	**1678800000**

ZRH 1.5N

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5N/1	1000	**1632140000**
ZRH 1.5N/2	1000	**1632130000**

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

ZRH 2.5

Technical data	
Product type	
Ordering data	
0,13…0,2 mm², white	
0,25…0,5 mm², grey	
0,75…1,0 mm², dark grey	
Note	

Reducing sleeve

Type	Qty.	Order No.
ZRH 2.5/1 WS	1000	**1614300000**
ZRH 2.5/2 GR/VO	1000	**1614290000**
ZRH 2.5/3	1000	**1614280000**

ZRH 4

Reducing sleeve

Type	Qty.	Order No.
ZRH 4/1 WS	1000	**1636640000**

Label

TheBZTmarking tags enable you to label the middle of the marking channel with theWS 10/5tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

BZT 1/BZT 2

Tag carriers

Technical data	
Product type	
Ordering data	
one-sided, without peg	
one-sided, with peg	
two-sided, without peg	
Note	

Marker holder

Type	Qty.	Order No.
BZT 1 WS 10/5	100	**1805490000**
BZT 1 ZA WS 10/5	100	**1805520000**
BZT 2 WS 10/5	100	**1805480000**

SIHA fuse holder

For 5 x 20 G-fuse cartridges
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.
Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement

1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.

- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

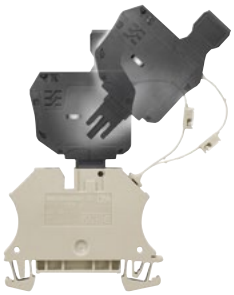
3. Position new fuse.

4. Press fuse holder together again with fingers or screwdrive.

SIHA 3

without LED		Qty.	Order No.
SIHA3/G20	400 V	1	7921560000
with LED (red)			
SIHA3/G20	10 - 36 V	1	7921570000
	35 - 70 V	1	7921580000
	60 - 150 V	1	7921590000
	140 - 250 V	1	7921600000
For test-disconnect terminals versions			
ZTR 2.5/4 AN			
ZTR 2.5...			
ZTR 2.5-2			

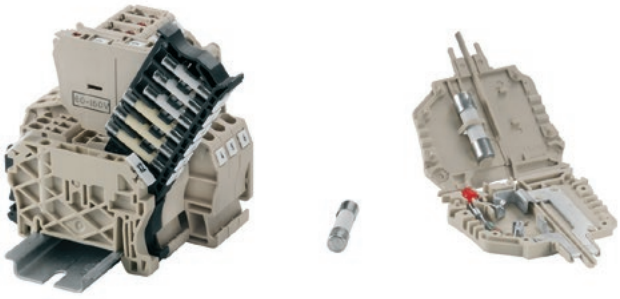
SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	9537680000

Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

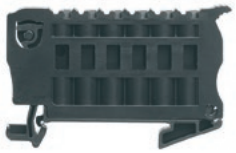
Component isolating plugs



Fuse carrier ZST 1

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

ZST 1



Ordering data
Note

Type	Qty.	Order No.
ZST 1	25	1269070000

Accessories holder ZST

The ZST group carrier is used for temporary "parking" of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

ZST

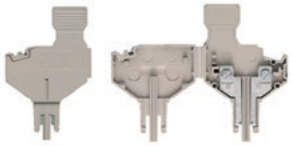
Ordering data
Note

Type	Qty.	Order No.
ZST	10	1678680000

Component plug (up to 250 V)

- Supports reversal

BEST



Ordering data
without
with wire jumper
with 1N4007 diode
Note

Type	Qty.	Order No.
BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

Disconnect plug

TNST

Ordering data
yellow
Note

Type	Qty.	Order No.
TNST	50	1833090000

Reliability connects

Klippon® Connect sets standards with clamping yoke technology

Whatever your requirements for the panel: our screw connection system with patented clamping yoke technology ensures the ultimate in contact safety. You can use both screw-in and plug-in cross-connections for potential distribution. Two conductors of the same diameter can also be connected in a single terminal point in accordance with UL1059. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

Our promise

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

Overview

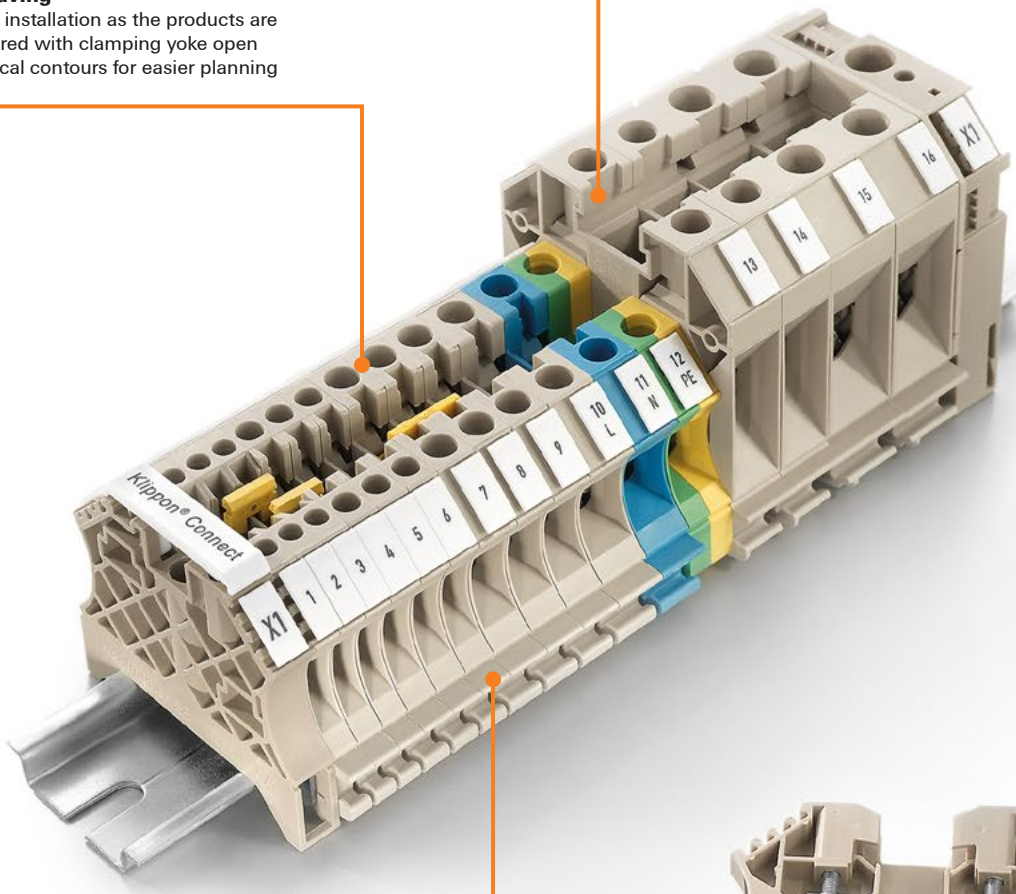
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

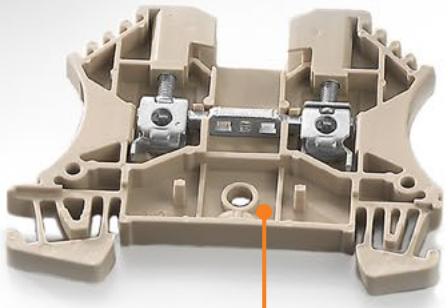
Universal application:
Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions.

Varied product assortment with wide clamping range:
Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm^2 to 150 mm^2 and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm^2. The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.

Space saving
- Small "W-Compact" size saves space in the panel
- Two conductors can be connected for each contact point

Time saving
- Quick installation as the products are delivered with clamping yoke open
- Identical contours for easier planning



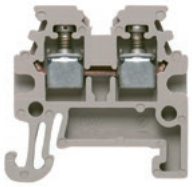


Flexibility
- The maintenance-free connection means the clamping screw does not need to be re-tightened
- Can be clipped to or removed from the terminal rail in either direction

Safety
- The clamping yoke properties compensate for temperature-indexed changes to the conductor to prevent loosening
- Vibration-resistant connectors – ideal for applications in harsh conditions
- Protection against incorrect conductor entry
- Copper current bar for low voltages, clamping yoke and screw made of hardened steel
- Precise clamping yoke and current bar design for safe contact with even the smallest of conductors

WDU 1.5/R 3.5 — 1.5 mm²

Feed-through terminal for TS 15



Width/Height/Depth	3.5 x 24.5 x 24 mm
max. current / max. cond. cross-section	17.5 / 1.5 A/mm²
Max. clamping range	0.13...1.5 mm²

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	400	300	300	275
Rated current	17.5	15	10	15
for wire cross-section	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity	4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0			
Approvals	IEC 60947-7-1		Ex eb II C Gb	Ex II 2 G D
	DEMKO14ATEX1338U			

Clamped conductors	Rated connection	Further connection
Solid / Stranded	0.5...1.5 / 1.5...1.5	
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...0.5	
Tightening torque / Clamping screw	0.3...0.3 / (M 2)	
Stripping length / Blade size	7 / 0.4 x 2.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded		
Flexible / Flexible with ferrule	0.5...0.75 / 0.5...0.5	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/R3.5	100	1753280000
beige			
Blue	WDU 1.5/R3.5 BL	100	1754170000

Note

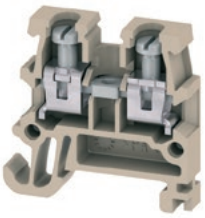
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
End plate / Partition plate				
dark beige	WAP WDU1.5/R3.5		20	1754190000
Blue				
End bracket				
dark beige	EW 15		50	0382860000
Testing / Checking				
Test plug				
Socket				
Marking tags				
	DEK 5/3.5 MC NE WS		500	1755270000
	DEK 5/3.5 MM WS		1000	2007100000
Plug-in cross-connection				
2-pole	ZQV 1.5N/R3.5/2 GE	17.5 A	50	1754210000
10-pole	ZQV 1.5N/R3.5/10 GE	17.5 A	20	1754290000

For detailed information on other accessories and application in the online catalogue

AKZ 1.5 — 1.5 mm²

Feed-through terminal for TS 15



Width/Height/Depth	5.1 x 24.8 x 24 mm
max. current / max. cond. cross-section	24 / 2.5 A/mm²
Max. clamping range	0.21...2.5 mm²

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	150	300	220
Rated current	17.5	15	10	17.5
for wire cross-section	1.5	AWG 22...14	AWG 24...16	2.5 mm²
Rated impulse withstand voltage / Pollution severity	4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-2			
Approvals	IEC 60947-7-1		Ex eb II C Gb	Ex II 2 G D
	TUEV18ATEX8221U			

Clamped conductors	Rated connection	Further connection
Solid / Stranded	0.5...2.5 / 1.5...1.5	
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	
Tightening torque / Clamping screw	0.4...0.6 / (M 2.5)	
Stripping length / Blade size	7 / 3.0 x 0.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded		
Flexible / Flexible with ferrule		

Note

Ordering data

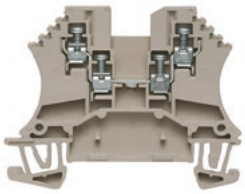
Version	Type	Qty.	Order No.
dark beige			
beige	AKZ 1.5	100	0340460000
Blue	AKZ 1.5 BL	100	0340480000

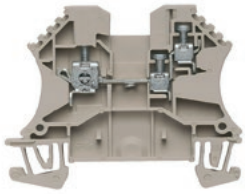
Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	Q 2 AKZ1.5	24 A	50	0368200000
10-pole	Q 10 AKZ1.5	24 A	20	0368500000
End plate / Partition plate				
dark beige	AP AKZ1.5		50	0340560000
Blue	AP AKZ1.5 BL		50	0340580000
End bracket				
dark beige	EW 15		50	0382860000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
Plug-in cross-connection				
2-pole				
10-pole				

	WDU 1.5/ZZ	1.5 mm²	WDU 2.5/1.5/ZR	2.5 mm²





Width/Height/Depth	mm	5.1 x 60 x 46.5	5.1 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	23 / 2.5	32 / 4
Max. clamping range	mm²	0.13...2.5	0.05...4

Technical data

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
Rated data		
Rated voltage	800	800
Rated current	17.5	24
for wire cross-section	1.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A3, A1 / V-0
Approvals	DEMKO14ATEX1338U	
Clamped conductors		
Solid / Stranded	0.5...2.5 / 0.5...2.5	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size	7 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	0.5...2.5	0.5...2.5
Flexible / Flexible with ferrule	0.5...1 / 0.5...0.75	0.5...1.5 / 0.5...1.5
Note		

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
IEC 60947-1	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
IEC	800	800
UL	300	300
CSA	300	300
EN 60079-7	550	
Rated connection	**Further connection**	**Further connection**
		0.5...2.5 / 0.5...2.5
		0.5...1.5 / 0.5...1.5
		7 / SD 0.6 x 3.5

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/ZZ	100	1031400000
Blue	WDU 1.5/ZZ BL	100	1031480000
Note			

Version	Type	Qty.	Order No.
dark beige	WDU 2.5/1.5/ZR	100	1024700000
Blue	WDU 2.5/1.5/ZR BL	100	1024780000
Note			

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige	WEW 35/2		50	1061200000
Testing / Checking				
Standard	WTA 2 WDU2.5-10	6 A	25	1632320000
With spigot	WTA 2/ZA WDU2.5-10	6 A	25	1632330000
Cover				
With lightning flash symbol	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

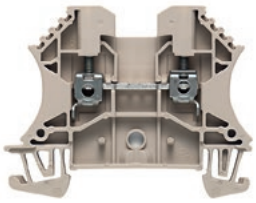
	Type		Qty.	Order No.
	ZQV 2.5N/2	24 A	60	1527540000
	ZQV 2.5N/10	24 A	20	1527690000
	WQV 2.5/2	32 A	50	1053660000
	WQV 2.5/10	32 A	20	1054460000
	WAP 2.5-10		50	1050000000
	WAP 2.5-10 BL		50	1050080000
	WAP 16+35 WTW 2.5-10		20	1050100000
	WAP 16+35 WTW 2.5-10 BL		20	1050180000
	WEW 35/2		50	1061200000
	WTA 2 WDU2.5-10	6 A	25	1632320000
	WTA 2/ZA WDU2.5-10	6 A	25	1632330000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

AKZ 2.5 — 2.5 mm²

Feed-through terminal for TS 15

WDU 2.5 — 2.5 mm²



		AKZ 2.5	WDU 2.5
Width/Height/Depth	mm	5.1 x 25.5 x 26.3	5.1 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	32 / 4	32 / 4
Max. clamping range	mm²	0.13...4	0.05...4

Technical data

		AKZ 2.5	WDU 2.5
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity		IEC: 250 / UL: 300 / CSA: 300 / EN 60079-7: 220	IEC: 800 / UL: 600 / CSA: 600 / EN 60079-7: 690
Gauge to IEC 60947-1 / UL 94 flammability rating		IEC: 24 / UL: 10 / CSA: 10 / EN 60079-7: 24	IEC: 24 / UL: 25 / CSA: 20 / EN 60079-7: 24
Approvals		IEC: 2.5 / UL: AWG 26...12 / CSA: AWG 26...10 / EN 60079-7: 4 mm²	IEC: 2.5 / UL: AWG 30...12 / CSA: AWG 26...12 / EN 60079-7: 2.5 mm²
		4 kV / 3	8 kV / 3
		A3 / V-0	A3 / V-0
		TUEV18ATEX8221U	DEMKO14ATEX1338U
Clamped conductors			
Solid / Stranded	mm²	0.5...4 / 1.5...2.5	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)	0.4...0.8 / (M 2.5)
Stripping length / Blade size	mm/-	7 / 0.5 x 3.0 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / Stranded	-		0.5...1.5
Flexible / Flexible with ferrule	-		0.5...1.5 / 0.5...1.5
Note			

Ordering data

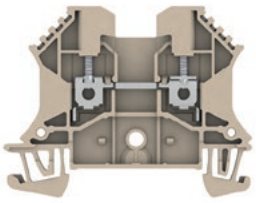
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige				WDU 2.5	100	1020000000
	beige	AKZ 2.5	100	0697160000			
	Blue	AKZ 2.5 BL	100	0697180000	WDU 2.5 BL	100	1020080000
Note							

Accessories

Plug-in cross-connection								
	2-pole				ZQV 2.5N/2	24 A	60	1527540000
	10-pole				ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection								
	2-pole	Q 2 AKZ1.5	24 A	50	0368200000	WQV 2.5/2	32 A	50	1053660000
	10-pole	Q 10 AKZ1.5	24 A	20	0368500000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate								
	dark beige	AP AKZ2.5		50	0697360000	WAP 2.5-10		50	1050000000
	Blue	AP AKZ2.5 BL		50	0697380000	WAP 2.5-10 BL		50	1050080000
	dark beige	TW AKZ2.5		20	0318560000	WAP 16+35 WTW 2.5-10		20	1050100000
	Blue					WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket								
	dark beige	EW 15		50	0382860000	WEW 35/2		50	1061200000
Testing / Checking								
	Standard					WTA 2 WDU2.5-10	6 A	25	1632320000
	With spigot					WTA 2/ZA WDU2.5-10	6 A	25	1632330000
	Test plug	PS 2.3 RT	20 mA	20	0180400000				
	Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000				
Cover								
	Blank, yellow					WAD 5 MC NE GE		48	1112920000
	Blank, white					WAD 5 MC NE WS		48	1112910000
	With lightning flash symbol								
Marking tags								
		DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
						WS 12/5 MC NE WS		720	1609860000
						DEK 5/5 MM WS		800	2007110000
						WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

WDU 2.5 HV — 2.5 mm²



5.1 x 60 x 46.5
32 / 4
0.05...4

IEC 60947-7-1

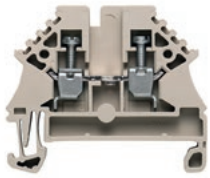
IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5 HV	100	**1412950000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		50	**1061200000**
WTA 2 WDU2.5-10	6 A	25	**1632320000**
WTA 2/ZA WDU2.5-10	6 A	25	**1632330000**
WAD 5 MC NE GE		48	**1112920000**
WAD 5 MC NE WS		48	**1112910000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

WDU 2.5N — 2.5 mm²



5.1 x 44 x 37
32 / 4
0.05...4

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
24	20	20	24
2.5	AWG 22...12	AWG 26...12	2.5 mm²
	6 kV / 3		
	A3 / V-0		

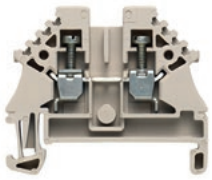
DEMKO14ATEX1338U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5N	100	**1023700000**
WDU 2.5N BL	100	**1023780000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDU2.5N/4N		50	**1060000000**
WAP WDU2.5N/4N BL		50	**1060080000**
EW 35		50	**0383560000**
WTA 1 WDU1.5	6 A	25	**1632290000**
WTA 1/ZA WDU1.5	6 A	25	**1632300000**
WAD 4 WS		50	**1072100000**
WAD 4 GE BED		50	**1072000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

WDU 2.5N/ZQV — 2.5 mm²



5.1 x 44 x 37
32 / 4
0.05...4

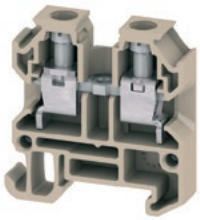
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.25...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5N ZQV	100	**1040800000**
WDU 2.5N ZQV BL	100	**1040880000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WDU2.5N/4N		50	**1060000000**
WAP WDU2.5N/4N BL		50	**1060080000**
EW 35		50	**0383560000**
WTA 1 WDU1.5	6 A	25	**1632290000**
WTA 1/ZA WDU1.5	6 A	25	**1632300000**
WAD 4 WS		50	**1072100000**
WAD 4 GE BED		50	**1072000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

	WDU 2.5N/600 UL	AKZ 4
	2.5 mm²	4 mm²
		Feed-through terminal for TS 15
		
Width/Height/Depth mm	5.1 x 44 x 42.7	6.1 x 28.5 x 29
max. current / max. cond. cross-section A/mm²	**32 / 4**	**41 / 6**
Max. clamping range mm²	**0.05...4**	**0.13...6**

Technical data

	WDU 2.5N/600 UL	AKZ 4
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		Ex eb II C Gb II 2 G D
for wire cross-section mm²	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	800 / 600 / 600	400 / 300 / 300 / 352
	24 / 25 / 20	32 / 27 / 10 / 32
	2.5 / AWG 22...12 / AWG 26...12	4 / AWG 26...12 / AWG 24...12 / 6 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals		TUEV18ATEX8221U
Clamped conductors	**Rated connection / Further connection**	**Rated connection / Further connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.6...0.8 / (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule -	/ 0.5...1.5	
Note		

Ordering data

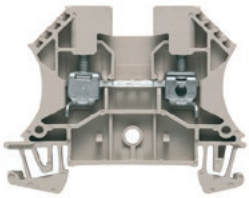
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDU 2.5N/600UL	100	**1730940000**			
beige				AKZ 4	100	**0294360000**
Blue				AKZ 4 BL	100	**0294380000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole								
10-pole								
Screwable cross-connection								
2-pole	WQV 2.5/2	32 A	50	**1053660000**	Q 2 AKZ4	24 A	50	**0336400000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	Q 10 AKZ4	24 A	20	**0368600000**
End plate / Partition plate								
dark beige	WAP WDU2.5N/4N		50	**1060000000**	AP AKZ4		20	**0294460000**
Blue	WAP WDU2.5N/4N BL		50	**1060080000**	AP AKZ4 BL		20	**0294480000**
dark beige					TW AKZ4		50	**0348260000**
Blue								
End bracket								
dark beige	WEW 35/2		50	**1061200000**	EW 15		50	**0382860000**
Testing / Checking								
Standard	WTA 1 WDU1.5	6 A	25	**1632290000**				
With spigot	WTA 1/ZA WDU1.5	6 A	25	**1632300000**				
Test plug					PS 2.3 RT	20 mA	20	**0180400000**
Socket					STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**
Cover								
Blank, white	WAD 4 WS		50	**1072100000**				
Blank, yellow								
With lightning flash symbol	WAD 4 GE BED		50	**1072000000**				
Marking tags								
	DEK 5/5 MM WS		800	**2007110000**				
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 8/5 MM WS		800	**2007150000**				
	WS 12/5 MC NE WS		720	**1609860000**				

For detailed information on other accessories and application in the online catalogue

WDU 4 — 4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	32
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		

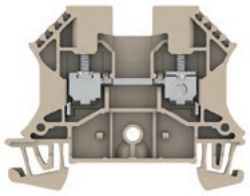
DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WQV 4/2	41 A	50	1051960000
WQV 4/10	41 A	20	1052060000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WTA 3/ZA WDU4	6 A	25	1632360000
WAD 5 MC NE WS		48	1112910000
WAD 5 MC NE GE		48	1112920000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

WDU 4 HV — 4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6

IEC 60947-7-1

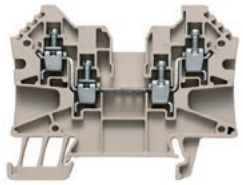
IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4 HV	100	1412960000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WQV 4/2	41 A	50	1051960000
WQV 4/10	41 A	20	1052060000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WTA 3/ZA WDU4	6 A	25	1632360000
WAD 5 MC NE WS		48	1112910000
WAD 5 MC NE GE		48	1112920000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000

WDU 4/ZZ — 4 mm²



6.1 x 70 x 53
32 / 6
0.05...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

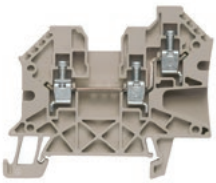
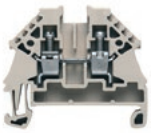
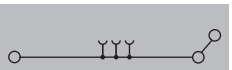
IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm²
	8 kV / 3		
	A4 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000
WDU 4/ZZ BL	50	1114720000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZZ		50	1905150000
WEW 35/2		50	1061200000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000

	WDU 4/ZR	4 mm²	WDU 4N	4 mm²
				
Width/Height/Depth mm	6.1 x 63.5 x 53		6.1 x 44 x 37.7	
max. current / max. cond. cross-section A/mm²	**32 / 6**		**39 / 6**	
Max. clamping range mm²	**0.05...6**		**0.13...6**	

Technical data

	WDU 4/ZR				WDU 4N			
Rated data								
	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	800	600	600		500	300	300	352
Rated current A	32	30	30		32	10	10	31
for wire cross-section mm²	4	AWG 30...10	AWG 30...10		4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0				A4 / V-0	
Approvals								DEMKO14ATEX1338U
Clamped conductors								
	Rated connection		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	0.5...6 / 0.5...4		0.5...6		0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4		0.5...4 / 0.5...4		0.5...4 / 0.5...4			
Tightening torque / Clamping screw Nm	0.5...0.8 / (M 3)				0.5...1 / (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				11 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -								
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5							
Note								

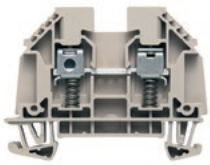
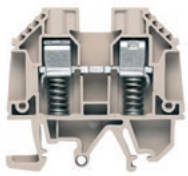
Ordering data

	WDU 4/ZR			WDU 4N		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 4/ZR	50	**1905140000**	WDU 4N	100	**1042600000**
Blue				WDU 4N BL	100	**1042680000**
Note						

Accessories

	WDU 4/ZR				WDU 4N			
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate								
dark beige	WAP WDU/WTR4/ZR		50	**1905070000**	WAP WDU2.5N/4N		50	**1060000000**
Blue					WAP WDU2.5N/4N BL		50	**1060080000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Testing / Checking								
Standard					WTA 1 WDU1.5	6 A	25	**1632290000**
With spigot					WTA 1/ZA WDU1.5	6 A	25	**1632300000**
Cover								
With lightning flash symbol					WAD 4 GE BED		50	**1072000000**
Blank, white					WAD 4 WS		50	**1072100000**
Marking tags								
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

	WDU 4 SL	4 mm²	WDU 4 SL/EN	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 46.5		6.1 x 60 x 51.5	
max. current / max. cond. cross-section A/mm²	41 / 6		41 / 6	
Max. clamping range mm²	0.22...6		0.22...6	

Technical data

IEC 60947-7-1			Ex eb II C Gb II 2 G D	
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	690	600	300	440
Rated current A	32	30	25	32
for wire cross-section mm²	4	AWG 22...10	AWG 22...10	4 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Approvals			DEMKO14ATEX1338U	
Clamped conductors	**Rated connection**		**Further connection**	
Solid / Stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)			
Stripping length / Blade size mm/-	15 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)				
Solid / Stranded -				
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5			
Note				

IEC 60947-7-1			Ex eb II C Gb II 2 G D	
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	690	600	300	690
Rated current A	32	30	25	32
for wire cross-section mm²	4	AWG 22...10	AWG 22...10	4 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Approvals			DEMKO14ATEX1338U	
Clamped conductors	**Rated connection**		**Further connection**	
Solid / Stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)			
Stripping length / Blade size mm/-	15 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)				
Solid / Stranded -				
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5			
Note				

Ordering data

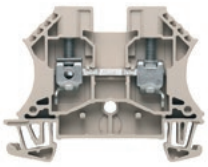
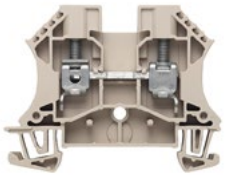
Version	Type	Qty.	Order No.
dark beige	WDU 4 SL	50	**9537440000**
dark beige			
Blue	WDU 4 SL BL	50	**9203060000**
Note			

Type	Qty.	Order No.
WDU 4 SL/EN	50	**9537450000**

Accessories

Screwable cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	WQV 4/2	41 A	50	**1051960000**
10-pole	WQV 4/10	41 A	20	**1052060000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue				
Blue				
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Testing / Checking				
Standard	WTA 3 WDU4	6 A	25	**1632350000**
Cover				
Blank, yellow				
Blank, white				
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**
Marking tags				
	WS 12/6 MC NE WS		600	**1609900000**
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
WQV 4/2	41 A	50	**1051960000**
WQV 4/10	41 A	20	**1052060000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 3 WDU4	6 A	25	**1632350000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**
WS 12/6 MC NE WS		600	**1609900000**
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**

	WDU 6	6 mm²	WDU 6 HV	6 mm²
				
Width/Height/Depth mm	7.9 x 60 x 46.5		7.9 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**57 / 10**		**57 / 10**	
Max. clamping range mm²	**0.22...10**		**0.22...10**	

Technical data

	WDU 6				WDU 6 HV			
Rated data								
Rated voltage V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A								
for wire cross-section mm²								
Rated impulse withstand voltage / Pollution severity								
Gauge to IEC 60947-1 / UL 94 flammability rating								
Approvals	Ex eb II C Gb II 2 G D							
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
	800	600	600	690	1000			
	41	50	50	41	41			
	6	AWG 22...8	AWG 22...8	10 mm²	6			
			8 kV / 3				8 kV / 3	
			A5 / V-0				A5 / V-0	
	DEMKO14ATEX1338U							
Clamped conductors								
Solid / Stranded mm²	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule mm²	0.5...10 / 1.5...10				0.5...10 / 1.5...10			
Tightening torque / Clamping screw Nm	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Stripping length / Blade size mm/-	0.8...1.6 / (M 3.5)				0.8...1.6 / (M 3.5)			
	12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	0.5...2.5				0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Note								

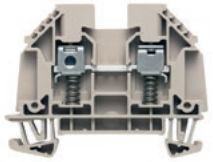
Ordering data

	WDU 6			WDU 6 HV		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 6	100	**1020200000**	WDU 6 HV	100	**1412970000**
dark beige				WDU 6 IR	100	**1393350000**
Blue	WDU 6 BL	100	**1020280000**			
Note						

Accessories

	WDU 6				WDU 6 HV			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 6/2	57 A	50	**1052360000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4	6 A	25	**1632350000**	WTA 3 WDU4	6 A	25	**1632350000**
Cover								
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Hak. Cable lugs								
Marking tags								
	DEK 5/8 MC NE WS		800	**1856740000**	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/8 PLUS MC NE WS		420	**1906000000**
	WS 8/8 MM WS		500	**2007170000**	WS 8/8 MM WS		500	**2007170000**
	DEK 5/8 MM WS		500	**2007130000**	DEK 5/8 MM WS		500	**2007130000**
Plug-in cross-connection								
2-pole								
10-pole								
For detailed information on other accessories and application in the online catalogue								

WDU 6 SL — 6 mm²



7.9 x 60 x 46.5
57 / 6
0.5...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm²
	6 kV / 2		
	A5 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

Type	Qty.	Order No.
WDU 6 SL	50	**9537460000**

Type		Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/10	57 A	20	**1052260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 12/6.5 MC NE WS		540	**1609920000**
WS 8/8 MM WS		500	**2007170000**
DEK 5/8 MM WS		500	**2007130000**

WDU 6 SL/EN — 6 mm²

7.9 x 60 x 51.1
57 / 6
0.5...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

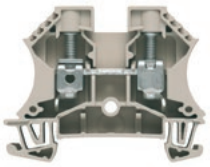
IEC	UL	CSA	EN 60079-7
690	150	300	440
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm²
	6 kV / 3		
	A5 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

Type	Qty.	Order No.
WDU 6 SL/EN	50	**9537470000**

Type		Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/10	57 A	20	**1052260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 12/6.5 MC NE WS		540	**1609920000**
WS 8/8 MM WS		500	**2007170000**
DEK 5/8 MM WS		500	**2007130000**

	WDU 10	10 mm²	WDU 10 IR	10 mm²
				
Width/Height/Depth mm	9.9 x 60 x 46.5		9.9 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**76 / 16**		**76 / 16**	
Max. clamping range mm²	**1.31...16**		**1.31...16**	

Technical data

	WDU 10				WDU 10 IR			
Rated data								
Rated voltage V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
	1000	600	600	690	1000	600	600	690
Rated current A	57	65	65	57	57	65	65	57
for wire cross-section mm²	10	AWG 18...6	AWG 18...6	10 mm²	10	AWG 18...6	AWG 18...6	10 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B6 / V-0				B6 / V-0	
Approvals				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors	**Rated connection**			**Further connection**	**Rated connection**			**Further connection**
Solid / Stranded mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque / Clamping screw Nm	1.2...1.9 / (M 4)				1.5...1.8 / (M 4)			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm				12 / TX 15			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	0.5...6 / 0.5...6							
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6							
Note								

Ordering data

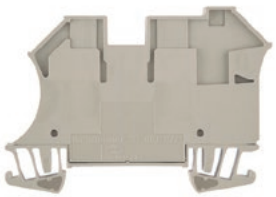
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 10	50	**1020300000**	WDU 10 IR	50	**1393380000**
Blue	WDU 10 BL	50	**1020380000**			
dark beige (combi clip-on foot TS 32/25)						
black (combi clip-on foot TS 32/25)						
Note						

Accessories

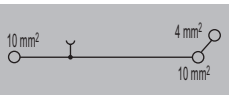
	WDU 10				WDU 10 IR			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 10/2	76 A	50	**1052560000**	WQV 10/2	76 A	50	**1052560000**
10-pole	WQV 10/10	63 A	20	**1052460000**	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4	6 A	25	**1632350000**	WTA 5/1	6 A	25	**1051260000**
Cover								
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Hak. Cable lugs								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

WDU 10/ZR — 10 mm²



9.9 x 70 x 49
76 / 16
1.31...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
10	AWG 16...6	AWG 16...6	
8 kV / 3			
B6, A4 / V-0			

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1.5...16 / 1.5...16	0.5...4 / 0.5...4
1.2...1.9 / (M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
0.5...6	
1...6 / 1...6	

Type	Qty.	Order No.
WDU 10/ZR	50	**1042400000**
WDU 10/ZR BL	50	**1042480000**

Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WEW 35/2		50	**1061200000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 10 SL — 10 mm²

9.9 x 60 x 46.25
76 / 10
1.31...10

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	352
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm²
6 kV / 2			
A5 / V-0			

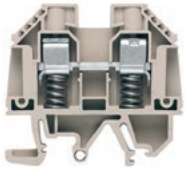
DEMKO14ATEX1338U

Rated connection	Further connection
1.5...10 / 1.5...10	
1...6 / 1.5...10	
1.2...2.4 / (M 4)	
17 / 1.0 x 5.5 mm	
2.5...4 / 1...4	

Type	Qty.	Order No.
WDU 10 SL	50	**9537480000**

Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 10 SL/EN — 10 mm²



9.9 x 56.6 x 51.1
76 / 16
1.31...16

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
690	600	300	550
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm²
6 kV / 3			
A6 / V-0			

DEMKO14ATEX1338U

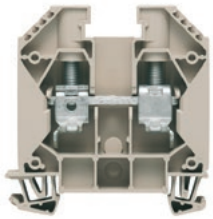
Rated connection	Further connection
1.5...16 / 1.5...16	
1...6 / 1.5...10	
1.2...2.4 / (M 4)	
17 / 1.0 x 5.5 mm	
2.5...4 / 1...4	

Type	Qty.	Order No.
WDU 10 SL/EN	50	**9537490000**
WDU 10 SL/EN SW	50	**9537410000**

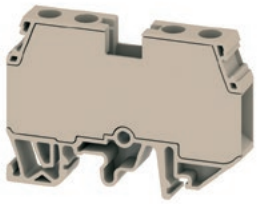
Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

WDU 16 — 16 mm²



WDUB 16 — 16 mm²



		WDU 16	WDUB 16
Width/Height/Depth	mm	11.9 x 60 x 62.5	9.9 x 65 x 47
max. current / max. cond. cross-section	A/mm²	**101 / 25**	**76 / 16**
Max. clamping range	mm²	**0.82...25**	**0.5...16**

Technical data

		WDU 16				WDUB 16			
Rated data									
Rated voltage	V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			
Rated current	A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	1000	600	600	690	1000	600	600	
Rated impulse withstand voltage / Pollution severity		76	85	85	76	76	65	65	
Gauge to IEC 60947-1 / UL 94 flammability rating		16	AWG 18...4	AWG 18...6	16 mm²	16		AWG 18...6	
Approvals			8 kV / 3				8 kV / 3		
			B7 / V-0				B6 / V-0		
					DEMKO14ATEX1338U				
Clamped conductors									
Solid / Stranded	mm²	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule	mm²	1.5...16 / 1.5...25				0.5...16 / 0.5...16			
Tightening torque / Clamping screw	Nm	1.5...25 / 1.5...16				0.5...10 / 0.5...10			
Stripping length / Blade size	mm/-	3...4 / (M 5)				1.2...1.9 / (M 4)			
2 conductors with same cross-section (H05V/H07V)		16 / 1.0 x 5.5 mm				20 / 0.8 x 4.0 mm			
Solid / Stranded	mm²								
Flexible / Flexible with ferrule	mm²	1.5...6 / 1.5...6							
		1.5...6 / 1.5...6							
Note									

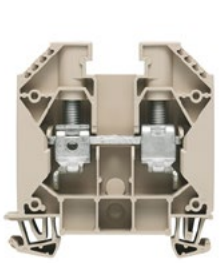
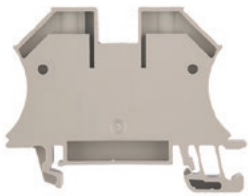
Ordering data

		WDU 16			WDUB 16		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige					WDUB 16	20	**2868370000**
without peg / dark beige		WDU 16	50	**1020400000**			
with peg / blue		WDU 16 BL	50	**1020480000**			
with peg / dark beige		WDU 16/ZA	50	**1028900000**			
Note							

Accessories

		WDU 16				WDUB 16			
Screwable cross-connection		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole		WQV 16/2	101 A	50	**1053260000**	WQV 10/2	76 A	50	**1052560000**
10-pole		WQV 16/10	101 A	10	**1053360000**	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate									
dark beige		WAP 16+35 WTW 2.5-10		20	**1050100000**				
Blue		WAP 16+35 WTW 2.5-10 BL		20	**1050180000**				
End bracket									
dark beige, screwable		WEW 35/1		50	**1059000000**				
dark beige						WEW 35/2		50	**1061200000**
Cover									
black/yellow		WAD 12 MC B GE/SW		32	**2445090000**				
white		WAD 12 MC NE WS		32	**2445070000**				
Blank, yellow						WAD 8 MC B GE/SW		48	**1120470000**
Blank, white						WAD 8 MC NE WS		48	**1112940000**
Marking tags									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 12/6.5 MC NE WS		540	**1609920000**				
						WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

	WDU 16 IR	16 mm²	WDU 16N	16 mm²
				
Width/Height/Depth mm	11.9 x 60 x 62.5		12 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**101 / 25**		**101 / 25**	
Max. clamping range mm²	**0.82...25**		**1.5...25**	

Technical data

	WDU 16 IR				WDU 16N			
Rated data								
Rated voltage V	1000	600	600	690	690	600	300	
Rated current A	76	85	85	76	76	70	70	
for wire cross-section mm²	16	AWG 18...4	AWG 18...6	16 mm²	16	AWG 14...6	AWG 14...6	
Rated impulse withstand voltage / Pollution severity	8 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B7 / V-0				B7 / V-0			
Approvals				DEMKO14ATEX1338U				
Clamped conductors								
Solid / Stranded mm²	1.5...16 / 1.5...25				1.5...16 / 1.5...25			
Flexible / Flexible with ferrule mm²	1.5...25 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque / Clamping screw Nm	3...4 / (M 5)				1.2...2.4 / (M 4)			
Stripping length / Blade size mm/-	16 / TX 15				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	1.5...6 / 1.5...6				1.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	1.5...6 / 1.5...6				1.5...4 / 1.5...4			
Note								

IEC 60947-1 — Ex eb II C Gb — II 2 G D

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
3...4 / (M 5)	
16 / TX 15	
1.5...6 / 1.5...6	
1.5...6 / 1.5...6	

IEC 60947-1

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 / (M 4)	
12 / 1.0 x 5.5 mm	
1.5...6 / 1.5...6	
1.5...4 / 1.5...4	

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 16 IR	50	**1393390000**
Blue			
Note			

Type	Qty.	Order No.
WDU 16N	50	**1036100000**
WDU 16N BL	50	**1036180000**

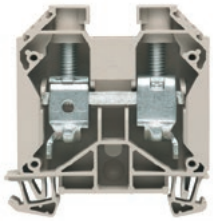
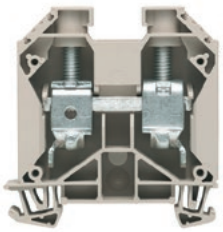
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 16/2	101 A	50	**1053260000**
10-pole	WQV 16/10	101 A	10	**1053360000**
4-pole				
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
dark beige				
Cover				
black/yellow	WAD 12 MC B GE/SW		32	**2445090000**
white	WAD 12 MC NE WS		32	**2445070000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**
Testing / Checking				
Standard				

Type		Qty.	Order No.
WQV 16N/2	76 A	50	**1636560000**
WQV 16N/4	76 A	50	**1636580000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 12 MC B GE/SW		32	**2445090000**
WAD 12 MC NE WS		32	**2445070000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/12 MC NE WS		300	**1905970000**
WTA 2 WDU2.5-10	6 A	25	**1632320000**

For detailed information on other accessories and application in the online catalogue

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

	WDU 35	WDU 35 IR
	35 mm²	35 mm²
		
Width/Height/Depth mm	16 x 60 x 62.5	16 x 60 x 62.5
max. current / max. cond. cross-section A/mm²	150 / 50	150 / 50
Max. clamping range mm²	2.5...50	2.5...50

Technical data

	WDU 35				WDU 35 IR			
Rated data								
Rated voltage V	1000	1000	600	690	1000	1000		690
Rated current A	125	150	150	115	125	150		115
for wire cross-section mm²	35	AWG 12...0	AWG 12...NaN	35 mm²	35	AWG 12...0		35 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B9 / V-0				B8, B9 / V-0			
Approvals	DEMKO14ATEX1338U				DEMKO14ATEX1338U			
	IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Clamped conductors								
Solid / Stranded mm²	2.5...16 / 2.5...50				2.5...16 / 2.5...50			
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35				2.5...35 / 2.5...35			
Tightening torque / Clamping screw Nm	4...5 / (M 6)				4...5 / (M 6)			
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm				18 / TX 20			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -	/ 16...16							
Flexible / Flexible with ferrule mm²	2.5...16 / 2.5...16							
	Rated connection		Further connection		Rated connection		Further connection	
Note								

Ordering data

Version	Type	Qty.	Order No.
without peg / dark beige	WDU 35	40	1020500000
with peg / blue	WDU 35 BL	40	1020580000
with peg / dark beige	WDU 35/ZA	40	1028800000
Note			

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

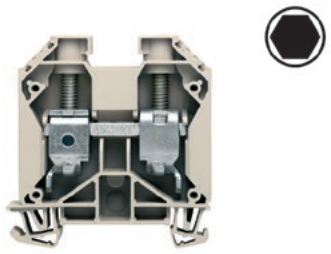
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 35/2	138 A	50	1053060000
10-pole	WQV 35/10	112 A	10	1053160000
4-pole				
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Cover				
black/yellow	WAD 12 MC B GE/SW		32	2445090000
white	WAD 12 MC NE WS		32	2445070000
With lightning flash symbol				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000

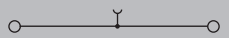
Screwable cross-connection	Type		Qty.	Order No.
	WQV 35/2	138 A	50	1053060000
	WQV 35/10	112 A	10	1053160000
	WAP 16+35 WTW 2.5-10		20	1050100000
	WAP 16+35 WTW 2.5-10 BL		20	1050180000
	WEW 35/1		50	1059000000
	WAD 12 MC B GE/SW		32	2445090000
	WAD 12 MC NE WS		32	2445070000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000

For detailed information on other accessories and application in the online catalogue

WDU 35 IK — 35 mm²



16 x 60 x 62.5
150 / 50
2.5...50



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm²
8 kV / 3			
B8, B9 / V-0			

DEMKO14ATEX1338U

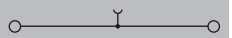
Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 / (M 6)	
18 / S4 (DIN 6911)	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	**1020600000**
WDU 35/IK BL	25	**1020680000**
WDU 35/IK/ZA	25	**1029000000**

Type		Qty.	Order No.
WQV 35/2	138 A	50	**1053060000**
WQV 35/10	112 A	10	**1053160000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/1		50	**1059000000**
WAD 12 MC B GE/SW		32	**2445090000**
WAD 12 MC NE WS		32	**2445070000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 35N — 35 mm²

16 x 66 x 50.5
150 / 50
2.5...50



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	1000	300	352
125	150	120	110
35	AWG 12...0	AWG 12...2	35 mm²
6 kV / 3			
B8, B9 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	**1040400000**
WDU 35N BL	20	**1040480000**

Type		Qty.	Order No.
WQV 35N/2	125 A	20	**1079200000**
WQV 35N/4	125 A	20	**1079400000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 16N GE BED		50	**1083600000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

	WDU 50N	50 mm²	WDU 50N IR	50 mm²
Width/Height/Depth mm	18.5 x 70 x 69.6		18.5 x 70 x 69.6	
max. current / max. cond. cross-section A/mm²	**192 / 70**		**192 / 70**	
Max. clamping range mm²	**10…70**		**10…70**	

Technical data

	WDU 50N				WDU 50N IR			
Rated data								
Rated voltage V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000	600	600	690	1000			690
Rated impulse withstand voltage / Pollution severity	150	150	150	126	150			126
Gauge to IEC 60947-1 / UL 94 flammability rating	50	AWG 10…0	AWG 8…0	50 mm²	50			50 mm²
Approvals			8 kV / 3				8 kV / 3	
			B10 / V-0				B10 / V-0	
				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	10…16 / 10…70				10…16 / 10…70			
Flexible / Flexible with ferrule mm²	10…50 / 10…50				10…50 / 10…50			
Tightening torque / Clamping screw Nm	3.5…6 / (M 6)				3…6 / (M 6)			
Stripping length / Blade size mm/-	24 / S4 (DIN 6911)				24 / TX 20			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -	/ 6…16				/ 6…16			
Flexible / Flexible with ferrule mm²	6…16 / 6…16				6…16 / 6…16			
Note								

Ordering data

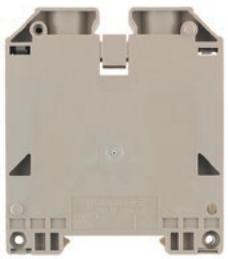
	WDU 50N			WDU 50N IR		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 50N	10	**1820840000**	WDU 50N IR	10	**1186630000**
Blue	WDU 50N BL	10	**1820850000**			
Note						

Accessories

	WDU 50N				WDU 50N IR			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 50N/2	150 A	5	**1834060000**	WQV 50N/2	150 A	5	**1834060000**
3-pole	WQV 50N/3	150 A	5	**1834070000**	WQV 50N/3	150 A	5	**1834070000**
4-pole	WQV 50N/4	150 A	5	**1834080000**	WQV 50N/4	150 A	5	**1834080000**
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover								
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**	WAD 20 GE WSD		10	**9512260000**
Additional connection								
10 mm²	WZAD 50N	41 A	5	**1872720000**	WZAD 50N	41 A	5	**1872720000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver								
Standard	SKS 2,0-8,0 MR		1	**9008870000**	TH-S 9-40		1	**9008880000**

For detailed information on other accessories and application in the online catalogue

WDU 70N — 70 mm²



20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	70 mm²
8 kV / 3			
B11 / V-0			

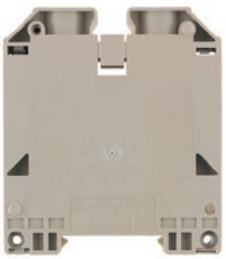
DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / S6 (DIN 6911)	
/ 10...25	
10...25 / 6...25	

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

Type		Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 70N	41 A	5	1964830000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

WDU 70N/35 IR — 70 mm²



20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		
8 kV / 3			
B11 / V-0			

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	1393420000

Type		Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 70N	41 A	5	1964830000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
TH-S 9-40		1	9008880000

WDU 95N/120N — 120 mm²

27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm²
8 kV / 3			
B13 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 / (M 10)	
27 / S6 (DIN 6911)	
35...10 / 10...35	
16...35 / 10...35	

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

Type		Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 95N/120N	41 A	5	1859580000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

WDU 240 — 240 mm²

Width/Height/Depth	mm	36 x 100 x 123.7
max. current / max. cond. cross-section	A/mm²	**415 / 240**
Max. clamping range	mm²	**70...240**

Technical data

IEC 60947-7-1 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	1000	600	600	1100
Rated current	415	380	400	350
for wire cross-section	240		AWG 0...500	240 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B15 / V-0	
Approvals				KEMA01ATEX2186U

Clamped conductors	Rated connection	Further connection
Solid / Stranded mm²	70...185 / 70...240	
Flexible / Flexible with ferrule mm²	70...240 / 70...185	
Tightening torque / Clamping screw Nm	25...30 / (M 10)	
Stripping length / Blade size mm/-	40 / S8 (DIN 6911)	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -	/ 35...95	
Flexible / Flexible with ferrule mm²	50...95 / 35...50	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 240	2	**1802780000**
Blue	WDU 240 BL	2	**1822210000**

Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQB 240/2	320 A	5	**1802790000**
3-pole	WQB 240/3	320 A	5	**1802800000**
4-pole				
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol				
Additional connection				
10 mm²	WZAD 240	57 A	5	**1802810000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	**9008870000**

For detailed information on other accessories and application in the online catalogue

Leaf clamp

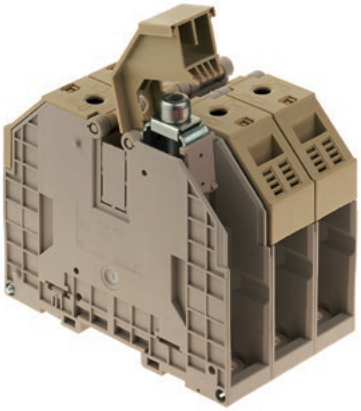
Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

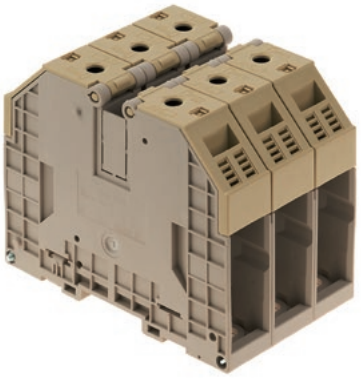
In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

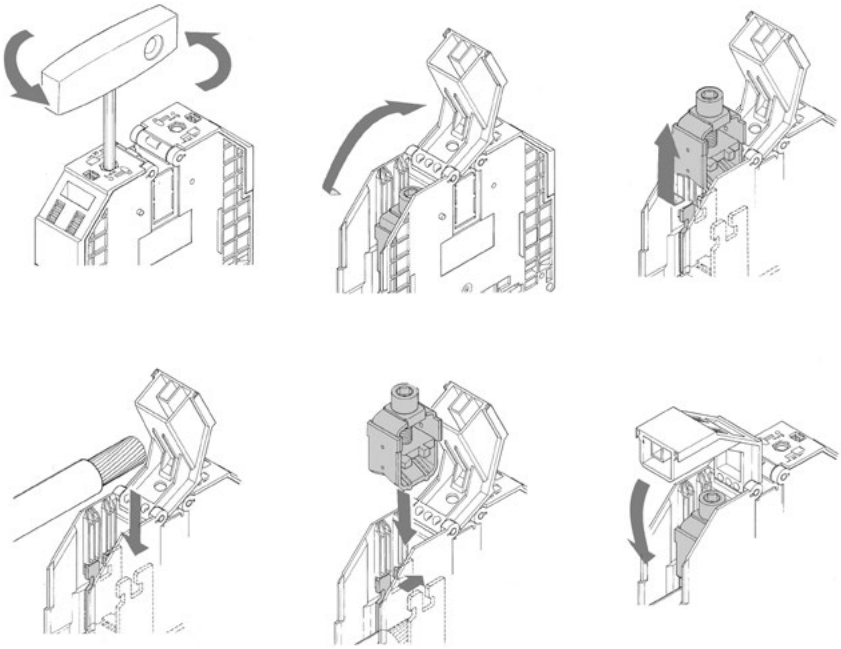
- Constant force transfer through selfadjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion

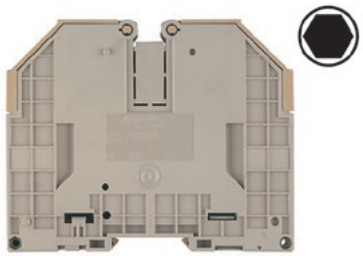
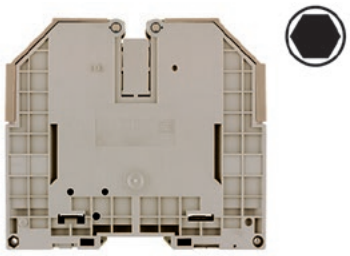


Open cover and remove screw assembly



Close cover and tighten screw with Allen key



	WDU 70/95	WDU 120/150
	95 mm²	120 mm²
	Conductor can be inserted from above / leaf spring	Conductor can be inserted from above / leaf spring
		
Width/Height/Depth mm	27 x 132 x 107	32 x 132 x 117
max. current / max. cond. cross-section A/mm²	**232 / 120**	**309 / 150**
Max. clamping range mm²	**13.3...120**	**33.63...150**
	IEC 60947-7-1 / Ex eb II C Gb / II 2 G D	IEC 60947-7-1 / Ex eb II C Gb / II 2 G D

Technical data

	IEC	UL	CSA	EN 60079-7
Rated data				
Rated voltage V	1000	1000	600	1100
Rated current A	232	175	205	218
for wire cross-section mm²	95	AWG 6...0	AWG 6...0	95 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B12 / V-0			
Approvals	DEMKO14ATEX1338U			
Clamped conductors	**Rated connection**		**Further connection**	
Solid / Stranded mm²	16...16 / 16...120			
Flexible / Flexible with ferrule mm²	16...95 / 16...50			
Tightening torque / Clamping screw Nm	6...12 / (M 8)			
Stripping length / Blade size mm/-	30 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)				
Solid / Stranded -	/ 16...35			
Flexible / Flexible with ferrule mm²	16...35 / 16...35			
Note				

	IEC	UL	CSA	EN 60079-7
Rated data				
Rated voltage V	1000	1000	600	1100
Rated current A	269	225	285	265
for wire cross-section mm²	120	AWG 2...250	AWG 2...250	150 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B13 / V-0			
Approvals	DEMKO14ATEX1338U			
Clamped conductors	**Rated connection**		**Further connection**	
Solid / Stranded mm²	35...150 / 35...150			
Flexible / Flexible with ferrule mm²	35...150 / 35...150			
Tightening torque / Clamping screw Nm	10...20 / (M 10)			
Stripping length / Blade size mm/-	35 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)				
Solid / Stranded -	/ 35...70			
Flexible / Flexible with ferrule mm²	35...70 / 35...70			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 70/95	10	**1024600000**
Blue	WDU 70/95 BL	10	**1024680000**
Note			

Version	Type	Qty.	Order No.
dark beige	WDU 120/150	10	**1024500000**
Blue	WDU 120/150 BL	10	**1024580000**
Note			

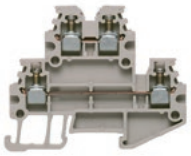
Accessories

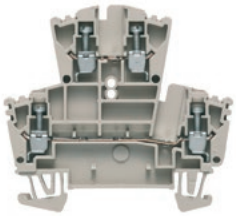
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 70/95/2	232 A	5	**1063500000**
3-pole	WQV 70/95/3	232 A	5	**1063600000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 27 B GE/SW		10	**1062860000**
Blank, white	WAD 27 NE WS		10	**1062960000**
Additional connection				
4mm²	WZAD 70/95	32 A	10	**1066000000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	**9008870000**

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 120/2	269 A	5	**1063300000**
3-pole	WQV 120/3	292 A	5	**1063400000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 27 B GE/SW		10	**1062860000**
Blank, white	WAD 27 NE WS		10	**1062960000**
Additional connection				
4mm²	WZAD120		10	**1066100000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	**9008870000**

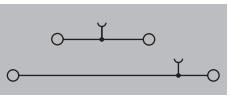
For detailed information on other accessories and application in the online catalogue

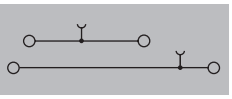
	WDK 1.5/R3.5	1.5 mm²	WDK 2.5	2.5 mm²





Width/Height/Depth	3.5 x 46.5 x 37.5	5.1 x 69.5 x 63
max. current / max. cond. cross-section	16 / 1.5	32 / 4
Max. clamping range	0.13...1.5	0.05...4





Technical data

Rated data						
Rated voltage	V	IEC 60947-7-1		Ex eb II C Gb	II 2 G D	
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	mm²	400	300	300	275	
Rated impulse withstand voltage / Pollution severity		16	15	10	15	
Gauge to IEC 60947-1 / UL 94 flammability rating		1.5	AWG 26...14	AWG 26...14	1.5 mm²	
Approvals		4 kV / 3				
		A1 / V-0				
		DEMKO15ATEX1346U				
Clamped conductors						
Solid / Stranded	mm²	**Rated connection**		**Further connection**		
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 1.5...1.5				
Tightening torque / Clamping screw	Nm	0.5...1.5 / 0.5...0.5				
Stripping length / Blade size	mm/-	0.3...0.3 / (M 2)				
2 conductors with same cross-section (H05V/H07V)		7 / 0.4 x 2.5 mm				
Solid / Stranded	-					
Flexible / Flexible with ferrule	mm²	0.5...0.75 / 0.5...0.5				
Note						

		IEC 60947-7-1		Ex eb II C Gb	II 2 G D	
		IEC	**UL**	**CSA**	**EN 60079-7**	
		400	300	300	275	
		24	20	10	21	
		2.5	AWG 22...12	AWG 26...12	4 mm²	
		6 kV / 3				
		A3 / V-0				
		DEMKO15ATEX1346U				
		Rated connection		**Further connection**		
		0.5...4 / 0.5...4				
		0.5...4 / 0.5...2.5				
		0.4...0.6 / (M 2.5)				
		10 / 0.6 x 3.5 mm				
		0.5...1.5 / 0.5...1.5				

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	WDK 1.5/R3.5	100	**1753290000**
Blue			
Orange			
Note			

Type	**Qty.**	**Order No.**
WDK 2.5	100	**1021500000**
WDK 2.5 BL	100	**1021580000**

Accessories

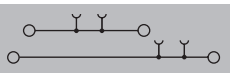
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole				
10-pole				
Screwable cross-connection				
2-pole				
10-pole				
End plate / Partition plate				
dark beige	WAP WDK1.5/R3.5		20	**1754200000**
Blue				
dark beige				
End bracket				
dark beige	EW 15		50	**0382860000**
Cover				
With lightning flash symbol				
Blank, white				
Marking tags				
	DEK 5/3.5 MC NE WS		500	**1755270000**
	DEK 5/3.5 MM WS		1000	**2007100000**

Type		**Qty.**	**Order No.**
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

WDK 2.5 ZQV — 2.5 mm²

5.1 x 69 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	21
2.5	AWG 22...12	AWG 26...12	4 mm²
6 kV / 3			
A3 / V-0			

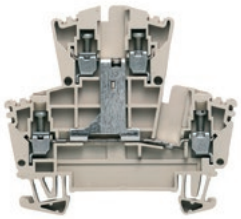
DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

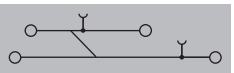
Type	Qty.	Order No.
WDK 2.5 ZQV	100	**1041100000**
WDK 2.5 ZQV BL	100	**1041180000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5 V — 2.5 mm²



5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	10	24
2.5	AWG 30...12	AWG 26...12	4 mm²
6 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5V	50	**1022300000**
WDK 2.5V BL	50	**1022380000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5 V ZQV — 2.5 mm²

5.1 x 69.5 x 62.5
32 / 4
0.05...4

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	600	275
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm²
/ 3			
A3 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5V ZQV	50	**2739600000**
WDK 2.5V ZQV BL	50	**2739610000**
WDK 2.5V ZQV OR	50	**2732600000**

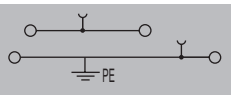
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5 DU-PE — 2.5 mm²

Lower level earthed on terminal rail

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	20	23
2.5	AWG 22...12	AWG 22...12	4 mm²
	6 kV / 3		
	A3 / V-0		

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Note

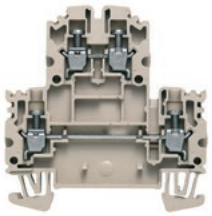
Type	Qty.	Order No.
WDK 2.5DU-PE	50	**1036400000**

Version
dark beige
Blue

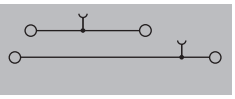
Note

WDK 2.5N — 2.5 mm²

Plug-in cross-connection
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 26...12	AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Note

Type	Qty.	Order No.
WDK 2.5N	50	**1041600000**
WDK 2.5N BL	50	**1041680000**

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm²

Ordering data

Version	
	dark beige
	Blue

Note

Accessories

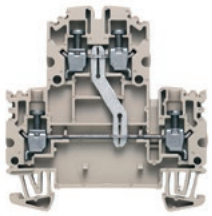
Screwable cross-connection				
	2-pole	32 A	50	**1053660000**
	10-pole	32 A	20	**1054460000**
End plate / Partition plate				
	dark beige		20	**1059100000**
	Blue		20	**1059180000**
	dark beige		20	**1058800000**
End bracket				
	dark beige		50	**1061200000**
Cover				
	With lightning flash symbol		50	**1072000000**
	Blank, white		50	**1072100000**
Marking tags				
			1000	**1609801044**
			720	**1640740000**
			800	**2007150000**
Plug-in cross-connection				
	2-pole			
	10-pole			

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	**1084000000**
WAP WDK2.5/4 N BL	20	**1084080000**
WTW EN	20	**1058800000**
WEW 35/2	50	**1061200000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MC NE WS	720	**1640740000**
WS 8/5 MM WS	800	**2007150000**
ZQV 2.5N/2	24 A 60	**1527540000**
ZQV 2.5N/10	24 A 20	**1527690000**

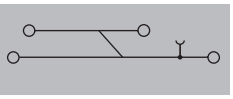
For detailed information on other accessories and application in the online catalogue

WDK 2.5N V — 2.5 mm²

Both levels at one potential
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	24
2.5	AWG 26...12	AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		

DEMKO15ATEX1346U

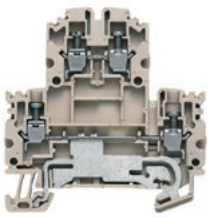
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5N V	50	1041610000

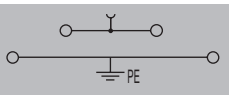
Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

WDK 2.5N DU-PE — 2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	24
2.5		AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		

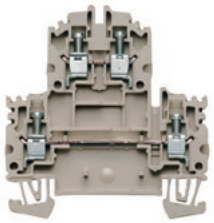
DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

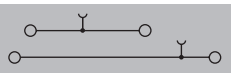
Type	Qty.	Order No.
WDK 2.5N DU-PE	50	1041650000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

WDK 4N — 4 mm²



Width/Height/Depth	mm	6.1 x 60 x 63.25
max. current / max. cond. cross-section	A/mm²	**35 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

				Ex eb II C Gb	II 2 G D
IEC 60947-7-1					
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	800	600	300	550
Rated current	A	32	35	30	30
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	6 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Approvals					DEMKO15ATEX1346U
Clamped conductors		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.5...1 / (M 3)			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	-				
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 4N	50	**1041900000**
Blue	WDK 4N BL	50	**1041980000**

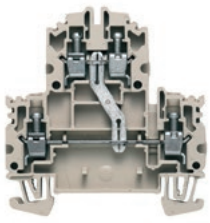
Note

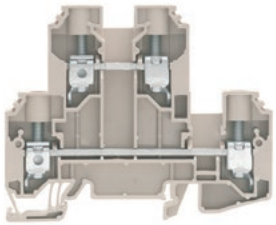
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP WDK2.5/4 N		20	**1084000000**
Blue	WAP WDK2.5/4 N BL		20	**1084080000**
dark beige	WTW EN		20	**1058800000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 8/6 PLUS MC NE WS		600	**1951880000**
	DEK 5/6 MM WS		600	**2007120000**

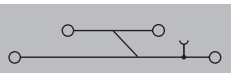
For detailed information on other accessories and application in the online catalogue

	WDK 4N V	4 mm²	WDK 10	10 mm²





Width/Height/Depth	mm	6.1 x 60.7 x 63.25
max. current / max. cond. cross-section	A/mm²	**35 / 6**
Max. clamping range	mm²	**0.13...6**



Width/Height/Depth	mm	9.9 x 85 x 69
max. current / max. cond. cross-section	A/mm²	**70 / 16**
Max. clamping range	mm²	**1.5...16**

Technical data

	WDK 4N V	WDK 10
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Tightening torque / Clamping screw	Nm	
Stripping length / Blade size	mm/-	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	-	
Flexible / Flexible with ferrule	mm²	
Note		

WDK 4N V			
IEC 60947-1		Ex eb II C Gb / Ex II 2 G D	
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	300	550
32	35	30	30
4	AWG 26...10	AWG 26...10	6 mm²
8 kV / 3			
A4 / V-0			
DEMKO15ATEX1346U			
Rated connection	**Further connection**		
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
0.5...1 / (M 3)			
8 / 0.6 x 3.5 mm			
0.5...1.5 / 0.5...1.5			

WDK 10			
IEC 60947-1			
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
Rated connection	**Further connection**		
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
1.2...1.9 / (M 4)			
12 / 1.0 x 5.5 mm			

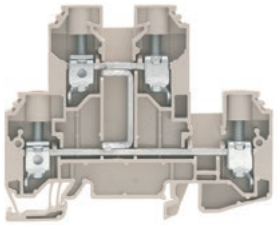
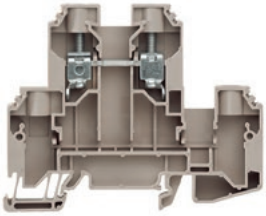
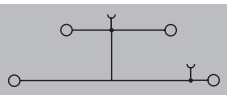
Ordering data

Version	WDK 4N V			WDK 10		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDK 4N V	50	**1041910000**	WDK 10	50	**1186740000**
Blue				WDK 10 BL	50	**1186750000**
dark beige / blue						
Note						

Accessories

	WDK 4N V				WDK 10			
	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**				
10-pole	ZQV 4N/10	32 A	20	**1528090000**				
End plate / Partition plate								
dark beige	WAP WDK2.5/4 N		20	**1084000000**	WAP WDK10		20	**1186720000**
Blue	WAP WDK2.5/4 N BL		20	**1084080000**	WAP WDK10 BL		20	**1186730000**
dark beige	WTW EN		20	**1058800000**				
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Marking tags								
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/6 PLUS MC NE WS		600	**1951880000**				
	WS 8/5 MM WS		800	**2007150000**				
Screwable cross-connection								
2-pole					WQV 10/2	76 A	50	**1052560000**
10-pole					WQV 10/10	63 A	20	**1052460000**
Cover								
Blank, white					WAD 8 MC NE WS		48	**1112940000**
Blank, yellow					WAD 8 MC NE GE		48	**1112950000**
Screwdriver								
Standard					SDS 1.0X5.5X150		1	**2749380000**

For detailed information on other accessories and application in the online catalogue

	WDK 10 V	10 mm²	WDK 10 L	10 mm²
				
Width/Height/Depth mm	9.9 x 85 x 69		9.9 x 85 x 69	
max. current / max. cond. cross-section A/mm²	**73 / 16**		**70 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

Rated data					IEC 60947-7-1				IEC 60947-7-1			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V				800	600	600		800		1000	
Rated current	A				57	49	49		57		70	
for wire cross-section	mm²				10	AWG 18...6	AWG 18...6		10	AWG 18...6	AWG 18...6	
Rated impulse withstand voltage / Pollution severity						8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating						B6 / V-0				B6 / V-0		
Approvals					CE cULus				CE cULus UKCA			
Clamped conductors					**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded	mm²				1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule	mm²				1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque / Clamping screw	Nm				1.2...1.9 / (M 4)				1.2...1.9 / (M 4)			
Stripping length / Blade size	mm/-				12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)												
Solid / Stranded	-											
Flexible / Flexible with ferrule	-											
Note												

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDK 10 V	50	**1186770000**	WDK 10 L	50	**1415510000**
Blue	WDK 10 V BL	50	**1186780000**			
dark beige / blue						
Note						

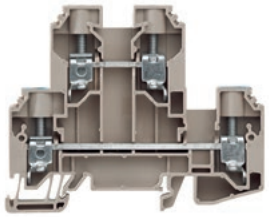
Accessories

Plug-in cross-connection	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole						
10-pole						
End plate / Partition plate						
dark beige	WAP WDK10	20	**1186720000**	WAP WDK10	20	**1186720000**
Blue	WAP WDK10 BL	20	**1186730000**	WAP WDK10 BL	20	**1186730000**
dark beige						
End bracket						
dark beige	WEW 35/2	50	**1061200000**	WEW 35/2	50	**1061200000**
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
Screwable cross-connection						
2-pole	WQV 10/2 76 A	50	**1052560000**	WQV 10/2 76 A	50	**1052560000**
10-pole	WQV 10/10 63 A	20	**1052460000**	WQV 10/10 63 A	20	**1052460000**
Cover						
Blank, white	WAD 8 MC NE WS	48	**1112940000**	WAD 8 MC NE WS	48	**1112940000**
Blank, yellow	WAD 8 MC NE GE	48	**1112950000**	WAD 8 MC NE GE	48	**1112950000**
Screwdriver						
Standard	SDS 1.0X5.5X150	1	**2749380000**	SDS 1.0X5.5X150	1	**2749380000**

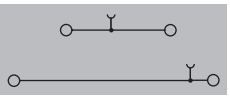
For detailed information on other accessories and application in the online catalogue

WDK 10 DU-N

10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



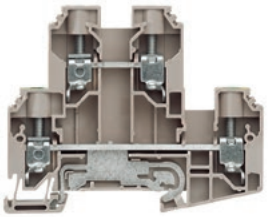
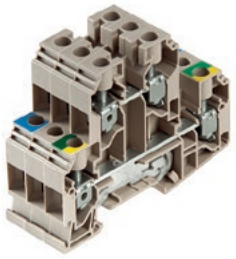
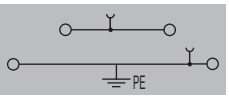
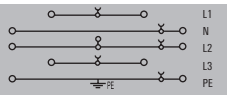
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 DU-N	50	**1415520000**

Type		Qty.	Order No.
WAP WDK10		20	**1186720000**
WAP WDK10 BL		20	**1186730000**
WEW 35/2		50	**1061200000**
DEK 5/5 MC NE WS		1000	**1609801044**
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAD 8 MC NE WS		48	**1112940000**
WAD 8 MC NE GE		48	**1112950000**
SDS 1.0X5.5X150		1	**2749380000**

	WDK 10 DU-PE	10 mm²	WDK 10 SET BCD	10 mm²
				
Width/Height/Depth mm	9.9 x 85 x 69		29.7 x 85 x 69	
max. current / max. cond. cross-section A/mm²	**70 / 16**		**70 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

Rated data						IEC 60947-7-1 (-7-2)						IEC 60947-7-1 (-7-2)					
						IEC	UL	CSA	EN 60079-7			IEC	UL	CSA	EN 60079-7		
Rated voltage	V					800	600	600				800	600	600			
Rated current	A					57	40	40				57	64	64			
for wire cross-section	mm²					10	AWG 18...6	AWG 18...6				10	AWG 18...6	AWG 18...6			
Rated impulse withstand voltage / Pollution severity							8 kV / 3						8 kV / 3				
Gauge to IEC 60947-1 / UL 94 flammability rating							B6 / V-0						B6 / V-0				
Approvals																	
Clamped conductors						**Rated connection**			**Further connection**			**Rated connection**			**Further connection**		
Solid / Stranded	mm²					1.5...16 / 1.5...16						1.5...16 / 1.5...16					
Flexible / Flexible with ferrule	mm²					1.5...16 / 1.5...16						1.5...16 / 1.5...16					
Tightening torque / Clamping screw	Nm					1.2...1.9 / (M 4)						1.2...1.9 / (M 4)					
Stripping length / Blade size	mm/-					12 / 1.0 x 5.5 mm						12 / 1.0 x 5.5 mm					
2 conductors with same cross-section (H05V/H07V)																	
Solid / Stranded	-																
Flexible / Flexible with ferrule	-																
Note																	

Ordering data

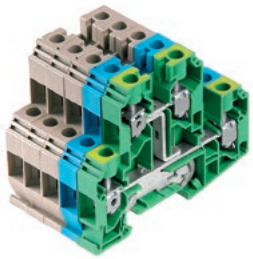
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige						
with PE foot						
dark beige / green / yellow	WDK 10 DU-PE	50	**1415480000**	WDK 10 SET BCD	1	**1415540000**
Note						

Accessories

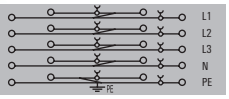
Screwable cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	WQV 10/2	76 A	50	**1052560000**	WQV 10/2	76 A	50	**1052560000**
10-pole	WQV 10/10	63 A	20	**1052460000**	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP WDK10		20	**1186720000**	WAP WDK10		20	**1186720000**
Blue	WAP WDK10 BL		20	**1186730000**	WAP WDK10 BL		20	**1186730000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
dark beige, screwable								
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Cover								
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
Cross-connector								
black								
blue								
red								

For detailed information on other accessories and application in the online catalogue

WDK 10 SET LS — 10 mm²



49.5 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1 (-7-2)

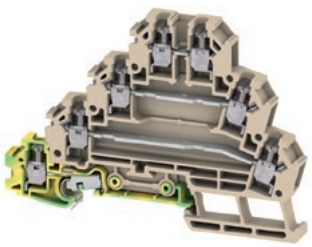
IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

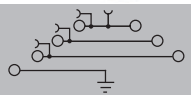
Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000

Type		Qty.	Order No.
WQV 10/2	76 A	50	1052560000
WQV 10/10	63 A	20	1052460000
WAP WDK10		20	1186720000
WAP WDK10 BL		20	1186730000
WEW 35/2		50	1061200000
SDS 1.0X5.5X150		1	2749380000
WAD 8 MC NE WS		48	1112940000
WAD 8 MC NE GE		48	1112950000
DEK 5/5 MC NE WS		1000	1609801044

MAK 2.5 — 2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

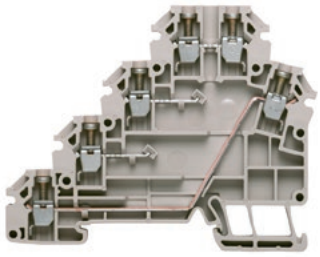
IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

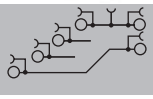
Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

Type		Qty.	Order No.
AP MAK2.5 DB		20	7917000000
WEW 35/1		50	1059000000
SDIS 0.6X3.5X100		1	2749810000
DEK 5/5 MC NE WS		1000	1609801044
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 BL	17.5 A	5	1633280000
VQB 1.5/50 RT	17.5 A	5	1633290000

VLI 1.5 — 1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
	4 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

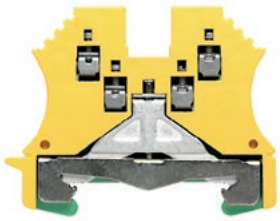
Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type		Qty.	Order No.
AP VLI1.5 DB		20	1784150000
WEW 35/1		50	1059000000
SDIS 0.6X3.5X100		1	2749810000
DEK 5/5 MC NE WS		1000	1609801044
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 BL	17.5 A	5	1633280000
VQB 1.5/50 RT	17.5 A	5	1633290000

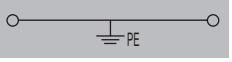
WPE 1.5/R3.5 — 1.5 mm²

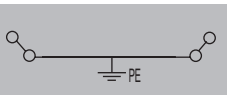
Protective earth terminal for TS 15

WPE 1.5/ZZ — 1.5 mm²



Width/Height/Depth	mm	3.5 x 24.5 x 24	5.1 x 60 x 46.5
max. current / max. cond. cross-section	-/mm²	/ 1.5	/ 2.5
Max. clamping range	mm²	0.13...1.5	0.13...2.5





Technical data

	WPE 1.5/R3.5	WPE 1.5/ZZ
Rated data		
for wire cross-section	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	Ex eb II C Gb	Ex eb II C Gb
Rated impulse withstand voltage to adjacent terminal	II 2 G D	II 2 G D
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded	mm²	mm²
Flexible / Flexible with ferrule	mm²	mm²
Tightening torque / Clamping screw	Nm	Nm
Tightening torque for fixing screw		
Stripping length / Blade size	mm	mm

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...18	AWG 26...18	2.5 mm²
400			
6			
180 A (1.5 mm²)			
3			
A1 / V-0			

Rated connection	WPE 1.5/R3.5	WPE 1.5/ZZ
	0.5...1.5 / 1.5...1.5	0.5...2.5 / 1.5...2.5
	0.5...1.5 / 0.5...0.5	0.5...1.5 / 0.5...1.5
	0.3...0.3 / (M 2)	0.4...0.6 / (M 2.5)
		0.4...0.6 Nm
	7 / 0.4 x 2.5 mm	7 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	2.5 mm²
800			
8			
180 A (1.5 mm²)			
3			
A1 / V-0			

Note

Ordering data

Version	WPE 1.5/R3.5 Type	Qty.	Order No.	WPE 1.5/ZZ Type	Qty.	Order No.
Green/yellow						
green/yellow	WPE 1.5/R3.5	50	1798460000	WPE 1.5/ZZ	50	1016500000

Note

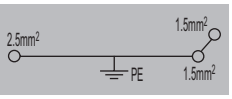
Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate / Partition plate						
dark beige	WAP WDU1.5/R3.5	20	1754190000	WAP 2.5-10	50	1050000000
End bracket						
dark beige	EW 15	50	0382860000	WEW 35/2	50	1061200000
Screwdriver						
Screwdriver PH2				SDS 0.6X3.5X100	1	2749340000
Marking tags						
	DEK 5/3.5 MC NE WS	500	1755270000	DEK 5/5 MC NE WS	1000	1609801044
				WS 12/5 MC NE WS	720	1609860000
	DEK 5/3.5 MM WS	1000	2007100000	DEK 5/5 MM WS	800	2007110000
				WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

WPE 2.5/1.5/ZR — 2.5 mm²

5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
0.4...0.6 Nm
10 / 0.6 x 3.5 mm

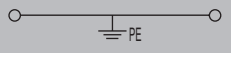
Type	Qty.	Order No.
WPE 2.5/1.5/ZR	50	1016400000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

AKE 2.5 — 2.5 mm²

Protective earth terminal for TS 15

5.1 x 28 x 26
/ 4
0.13...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

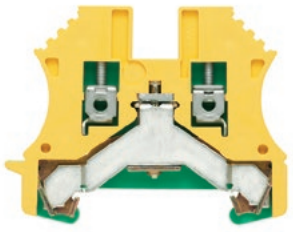
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm²
250			
4			
300 A (2.5 mm²)			
3			
A3 / V-2			

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 3.0 x 0.5 mm

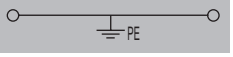
Type	Qty.	Order No.
AKE 2.5	100	1303360000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
EW 15	50	0382860000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044

WPE 2.5 — 2.5 mm²



5.1 x 60 x 46.5
/ 4
0.05...4



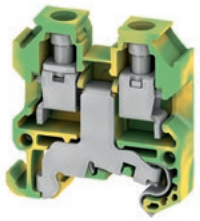
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

	WPE 2.5N	AKE 4
	2.5 mm²	4 mm²
		Protective earth terminal for TS 15
		
Width/Height/Depth mm	5.1 x 54 x 37	6.1 x 27 x 29
max. current / max. cond. cross-section -/mm²	/ 4	/ 4
Max. clamping range mm²	0.05...4	0.13...4

Technical data

	WPE 2.5N	AKE 4
Rated data		
IEC 60947-7-2	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
for wire cross-section mm²	IEC: 2.5 / UL: AWG 26...12 / CSA: AWG 26...12 / EN 60079-7: 2.5 mm²	IEC: 4 / UL: AWG 26...12 / CSA: AWG 26...12 / EN 60079-7: 4 mm²
Rated voltage to adjoining terminal V	500	500
Rated impulse withstand voltage to adjacent terminal kV	6	6
Rated short-time current	300 A (2.5 mm²)	480 A (4 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.5...1 / (M 3)
Tightening torque for fixing screw	0.4...0.6 Nm	
Stripping length / Blade size mm	10 / 0.6 x 3.5 mm	9 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	WPE 2.5N	50	1016200000
green/yellow	AKE 4	100	0380260000
Note			

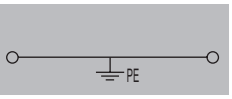
Accessories

	WPE 2.5N			AKE 4		
End plate / Partition plate	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WAP WDU2.5N/4N	50	1060000000	AP AKZ4	20	0294460000
End bracket						
dark beige	WEW 35/2	50	1061200000	EW 15	50	0382860000
Screwdriver						
Screwdriver PH2	SDS 0.6X3.5X100	1	2749340000	SDS 0.6X3.5X100	1	2749340000
Marking tags						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/6 MC NE WS	1000	1609820000
	WS 12/5 MC NE WS	720	1609860000			
	DEK 5/5 MM WS	800	2007110000			
	WS 8/5 MM WS	800	2007150000	DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

WPE 4 — 4 mm²

6.1 x 56 x 46.5
/ 6
0.13...6



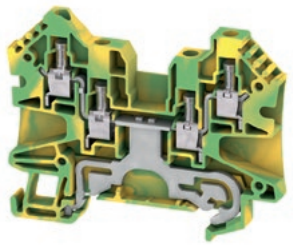
IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1 / (M 3)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

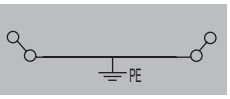
Type	Qty.	Order No.
WPE 4	100	1010100000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

WPE 4/ZZ — 4 mm²



6.1 x 70 x 53
/ 6
0.05...6



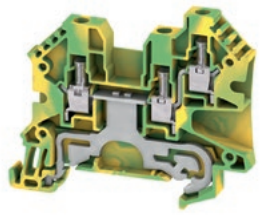
IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 / (M 3)
10 / 0.6 x 3.5 mm

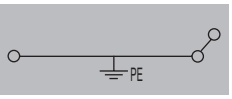
Type	Qty.	Order No.
WPE 4/ZZ	50	1905130000

Type	Qty.	Order No.
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

WPE 4/ZR — 4 mm²



6.1 x 63.5 x 52.8
/ 6
0.05...6

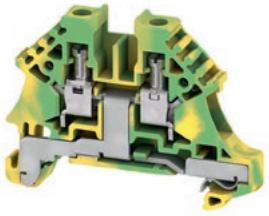


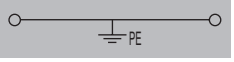
IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

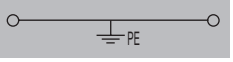
Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 / (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	1905120000

Type	Qty.	Order No.
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

	WPE 4N	WPE 6
	4 mm²	6 mm²
		
Width/Height/Depth mm	6.1 x 50 x 37	7.9 x 56 x 46.5
max. current / max. cond. cross-section -/mm²	/ 6	/ 10
Max. clamping range mm²	0.13...6	0.08...10





Technical data

	WPE 4N	WPE 6
Rated data		
for wire cross-section mm²	IEC 60947-7-2 / UL / CSA / EN 60079-7	IEC 60947-7-2 / UL / CSA / EN 60079-7
	4 / AWG 26...10 / AWG 26...10 / 4 mm²	6 / AWG 20...8 / AWG 20...8 / 6 mm²
Rated voltage to adjoining terminal V	500	800
Rated impulse withstand voltage to adjacent terminal kV	6	8
Rated short-time current	480 A (4 mm²)	720 A (6 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A5 / V-0
Approvals	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
Clamped conductors		
Solid / Stranded mm²	0.5...6 / 1.5...6	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...10 / 0.5...6
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)	0.8...1.3 / (M 3)
Tightening torque for fixing screw		0.5...1.0 Nm
Stripping length / Blade size mm	10 / 0.6 x 3.5 mm	12 / 4.0 x 0.8 mm
Note		

Ordering data

	WPE 4N	WPE 6
Version		
	green/yellow	
Note		
Type	WPE 4N	WPE 6
Qty.	50	50
Order No.	1042700000	1010200000

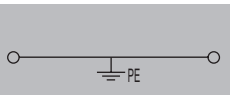
Accessories

	WPE 4N		WPE 6	
End plate / Partition plate	**Type**	**Order No.**	**Type**	**Order No.**
dark beige	WAP WDU2.5N/4N	1060000000		
End bracket				
dark beige	WEW 35/2	1061200000	WEW 35/2	1061200000
dark beige, screwable				
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100	2749340000		
Standard			SDS 0.8X4.0X100	2749360000
Marking tags				
	DEK 5/6 MC NE WS	1609820000	DEK 5/8 MC NE WS	1856740000
	WS 12/6 MC NE WS	1609900000	WS 8/6 MM WS	2007160000
	DEK 5/6 MM WS	2007120000	DEK 5/6 MM WS	2007120000
PEN bridge				

For detailed information on other accessories and application in the online catalogue

WPE 10 — 10 mm²

9.9 x 56 x 46.5
/ 16
1.31...16



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

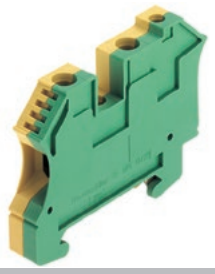
IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm²
800			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...2.4 / (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

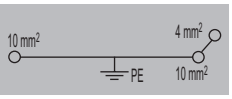
Type	Qty.	Order No.
WPE 10	50	**1010300000**

Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 1.0X5.5X150	1	**2749380000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**
WQB-PEN 10 57 A	10	**1060300000**

WPE 10/ZR — 10 mm²



9.9 x 66 x 49
/ 16
1.31...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
1000			
8			
1200 A (10 mm²)			
3			
B6, A4 / V-0			

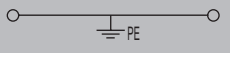
Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.9 / (M 4)
0.5...1.0 Nm
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 10/ZR	50	**1042500000**

Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**
WQB-PEN 10 57 A	10	**1060300000**

WPE 16 — 16 mm²

11.9 x 56 x 62.5
/ 25
1.5...25



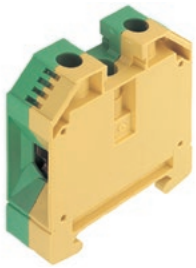
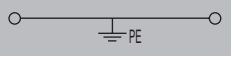
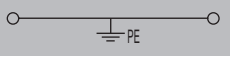
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	16 mm²
1000			
8			
1920 A (16 mm²)			
3			
B7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...25 / 1.5...16
2...3.6 / (M 5)
1.2...2.4 Nm
16 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WPE 16	50	**1010400000**

Type	Qty.	Order No.
WEW 35/1	50	**1059000000**
SDS 1.0X5.5X150	1	**2749380000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**
WQB-PEN 16 76 A	10	**1060200000**

	WPE 16N	16 mm²	WPE 35	35 mm²
				
Width/Height/Depth mm	12 x 56 x 46.5		16 x 56 x 62.5	
max. current / max. cond. cross-section -/mm²	/ 25		/ 35	
Max. clamping range mm²	1.5...25		2.5...35	

Technical data

	WPE 16N	16 mm²	WPE 35	35 mm²
Rated data				
for wire cross-section mm²	IEC 60947-7-2		IEC 60947-7-2	
Rated voltage to adjoining terminal V			Ex eb II C Gb II 2 G D	
Rated impulse withstand voltage to adjacent terminal kV				
Rated short-time current				
Pollution severity				
Gauge to IEC 60947-1 / UL 94 flammability rating				
Approvals				
Clamped conductors				
Solid / Stranded mm²				
Flexible / Flexible with ferrule mm²				
Tightening torque / Clamping screw Nm				
Tightening torque for fixing screw				
Stripping length / Blade size mm				

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...6	
690			
6			
1920 A (16 mm²)			
3			
B7 / V-0			
Rated connection			
1.5...16 / 1.5...25			
1.5...16 / 4...16			
1.2...2.4 / (M 4)			
0.5...1.0 Nm			
12 / 1.0 x 5.5 mm			

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			
Rated connection			
2.5...50 / 2.5...50			
2.5...35 / 2.5...35			
4...5 / (M 6)			
1.2...2.4 Nm			
18 / 6.5 x 1.2 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow			
green/yellow	WPE 16N	50	**1019100000**

Note

Type	Qty.	Order No.
WPE 35	25	**1010500000**

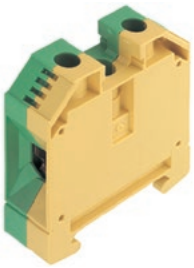
Accessories

	Type		Qty.	Order No.
PEN bridge	WQV 16N-PEN BL	76 A	10	**1071360000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
dark beige, screwable				
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

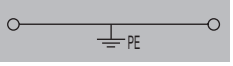
Type		Qty.	Order No.
WQB-PEN 35	135 A	10	**1060100000**
WEW 35/1		50	**1059000000**
SDS 1.2X6.5X150		1	**2749390000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

WPE 35/IKSC — 35 mm²



16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

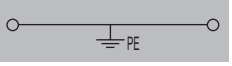
Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
5/ (M 6)
1.2...2.4 Nm
18 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35 135 A	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WPE 35N — 35 mm²

16 x 66 x 50.5
/ 50
2.5...50



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm²
400			
6			
4200 A (35 mm²)			
3			
B8 / V-0			

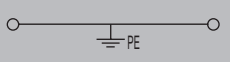
Rated connection
2.5...16 / 2.5...50
2.5...35 / 2.5...35
4...5 / (M 6)
1.2...2.4 Nm
18 / 6.5 x 1.2 mm

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WPE 50N — 50 mm²

18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm²
1000			
8			
6000 A (50 mm²)			
3			
B10 / V-0			

Rated connection
10...16 / 10...70
10...50
4...6 / (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N 150 A	5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

	WPE 70N/35	70 mm²	WPE 95N/120N	95 mm²
Width/Height/Depth mm	20.5 x 75 x 85		27 x 91 x 90	
max. current / max. cond. cross-section -/mm²	/ 95		/ 150	
Max. clamping range mm²	16...95		16...150	

Technical data

	WPE 70N/35				WPE 95N/120N			
Rated data								
for wire cross-section mm²	IEC 60947-7-2	UL	CSA	EN 60079-7	IEC 60947-7-2	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	70	AWG 6...0	AWG 6...0	70 mm²	95	AWG 4...0	AWG 4...0	120 mm²
Rated impulse withstand voltage to adjacent terminal kV	1000				1000			
Rated short-time current	8				8			
Pollution severity	8400 A (70 mm²)				11400 A (95 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating	3				3			
Approvals	B11 / V-0				B13 / V-0			
Clamped conductors								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	16...16 / 16...95				16...16 / 16...150			
Tightening torque / Clamping screw Nm	16...70 / 16...50				16...120			
Tightening torque for fixing screw	8...12 / (M 8)				16...20 / (M 10)			
Stripping length / Blade size mm	2.0...4.0 Nm				3.0...4.0 Nm			
	22 / S6 (DIN 6911)				27 / S6 (DIN 6911)			
Note								

Ordering data

Version	WPE 70N/35 Type	Qty.	Order No.	WPE 95N/120N Type	Qty.	Order No.
Green/yellow						
green/yellow	WPE 70N/35	10	**9512200000**	WPE 95N/120N	5	**1846030000**
Note						

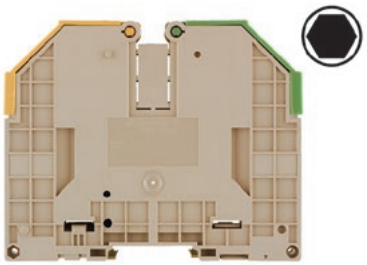
Accessories

	WPE 70N/35 Type		Qty.	Order No.	WPE 95N/120N Type		Qty.	Order No.
PEN bridge	WQV 70N-PEN	192 A	5	**9525840000**	WQV PEN 95N/120N	269 A	5	**9201630000**
End bracket								
dark beige								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Screwdriver								
Standard	SKS 2,0-8,0 MR		1	**9008870000**	SKS 2,0-8,0 MR		1	**9008870000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

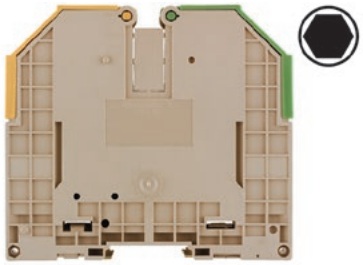
WPE 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring



WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm	27 x 132 x 107
max. current / max. cond. cross-section	-/mm²	/ 120
Max. clamping range	mm²	13.3...120

PE

Width/Height/Depth	mm	32 x 132 x 117
max. current / max. cond. cross-section	-/mm²	/ 150
Max. clamping range	mm²	33.62...150

PE

Technical data

IEC 60947-7-2			Ex eb II C Gb	Ex II 2 G D	
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	95	AWG 6...0	AWG 6...0	95 mm²	
Rated voltage to adjoining terminal	1000				V
Rated impulse withstand voltage to adjacent terminal	8				kV
Rated short-time current	11400 A (95 mm²)				
Pollution severity	3				
Gauge to IEC 60947-1 / UL 94 flammability rating	B12 / V-0				
Approvals	CE, UKCA				
Clamped conductors	**Rated connection**				
Solid / Stranded	16...16 / 16...120				mm²
Flexible / Flexible with ferrule	16...95 / 35...50				mm²
Tightening torque / Clamping screw	6...12 / (M 8)				Nm
Tightening torque for fixing screw	3.0...6.0 Nm				
Stripping length / Blade size	30 / S6 (DIN 6911)				mm
Note					

IEC 60947-7-2			Ex eb II C Gb	Ex II 2 G D	
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	120	AWG 2...250	AWG 2...250	150 mm²	
Rated voltage to adjoining terminal	1000				V
Rated impulse withstand voltage to adjacent terminal	8				kV
Rated short-time current	14400 A (120 mm²)				
Pollution severity	3				
Gauge to IEC 60947-1 / UL 94 flammability rating	B13 / V-0				
Approvals	CE, KEMA KEUR, UKCA				
Clamped conductors	**Rated connection**				
Solid / Stranded	35...150 / 35...150				mm²
Flexible / Flexible with ferrule	35...150 / 35...50				mm²
Tightening torque / Clamping screw	10...20 / (M 10)				Nm
Tightening torque for fixing screw	3.0...6.0 Nm				
Stripping length / Blade size	35 / S6 (DIN 6911)				mm
Note					

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 70/95	10	1037300000
Note			

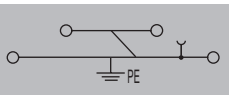
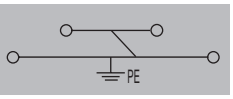
Type	Qty.	Order No.
WPE 120/150	10	1019700000

Accessories

PEN bridge	**Type**		**Qty.**	**Order No.**
	WQV 70/95-PEN	232 A	5	1072300000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	9008870000

Type		**Qty.**	**Order No.**
WQV 120-PEN	292 A	5	1072400000
WEW 35/1		50	1059000000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

For detailed information on other accessories and application in the online catalogue

	WDK 2.5 PE	WDK 2.5N PE
	2.5 mm²	2.5 mm²
Width/Height/Depth mm	5.1 x 69.5 x 62.5	5.1 x 60.7 x 54.95
max. current / max. cond. cross-section -/mm²	/ 4	/ 4
Max. clamping range mm²	0.05...4	0.05...4
		

Technical data

	WDK 2.5 PE	WDK 2.5N PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
Rated impulse withstand voltage to adjacent terminal kV	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated short-time current	2.5 / AWG 22...12 / AWG 26...12 / 4 mm²	2.5 / AWG 26...12 / 4 mm²
Pollution severity	400	800
Gauge to IEC 60947-1 / UL 94 flammability rating	6	8
Approvals	300 A (2.5 mm²)	300 A (2.5 mm²)
	3	3
	A3 / V-0	A3 / V-0
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size mm	10 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note		

Ordering data

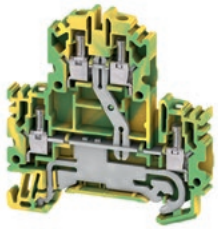
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
green/yellow	WDK 2.5PE	50	1036300000	WDK 2.5N PE	50	1041620000
Note						

Accessories

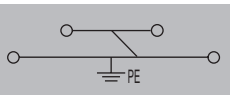
	Type		Qty.	Order No.	Type	Qty.	Order No.
Screwable cross-connection							
2-pole	WQV 2.5/2	32 A	50	1053660000			
10-pole	WQV 2.5/10	32 A	20	1054460000			
End plate / Partition plate							
dark beige	WAP WDK2.5		20	1059100000	WAP WDK2.5/4 N	20	1084000000
Blue					WAP WDK2.5/4 N BL	20	1084080000
dark beige					WTW EN	20	1058800000
End bracket							
dark beige	WEW 35/2		50	1061200000	WEW 35/2	50	1061200000
Screwdriver							
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100	1	2749340000
Standard							
Marking tags							
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MC NE WS		720	1640740000	WS 8/5 MC NE WS	720	1640740000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS	800	2007150000
Cover							
Blank, white							
Blank, yellow							

For detailed information on other accessories and application in the online catalogue

WDK 4N PE — 4 mm²



6.1 x 60.7 x 63.25
/ 6
0.13...6



IEC 60947-7-2

Ex eb II C Gb — II 2 G D

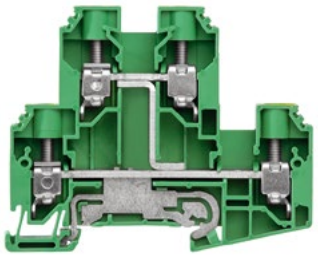
IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6 / 1.5...6
0.5...4 / 1.5...4
0.5...1 / (M 3)
8 / 0.6 x 3.5 mm

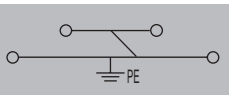
Type	Qty.	Order No.
WDK 4N PE	50	**1041920000**

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	**1084000000**
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
DEK 5/6 MC NE WS	1000	**1609820000**
DEK 5/5 MM WS	800	**2007110000**
WS 8/5 MM WS	800	**2007150000**

WDK 10 PE — 10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



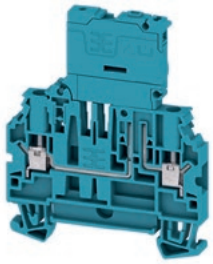
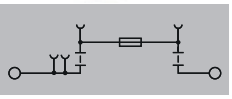
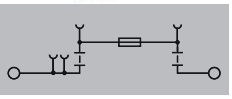
IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 18...6	AWG 18...6	
800			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.9 / (M 4)
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WDK 10 PE	50	**1415470000**

Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAP WDK10		20	**1186720000**
WAP WDK10 BL		20	**1186730000**
WEW 35/2		50	**1061200000**
SDS 1.0X5.5X150		1	**2749380000**
DEK 5/5 MC NE WS		1000	**1609801044**
WAD 8 MC NE WS		48	**1112940000**
WAD 8 MC NE GE		48	**1112950000**

	W2C 4 FS DB	4 mm²	W2C 4 FS BL	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 75		6.1 x 60 x 75	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	36		300	
Rated current	A	6.3		10	6.3
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note		The voltage depends on the selected fuse element or the selected indicator light.			

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	36		300	
Rated current	A	6.3		10	6.3
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note		The voltage depends on the selected fuse element or the selected indicator light.			

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS DB	50	**2892900000**
10–36 V AC/DC, with LED	W2C 4 FS 10-36V DB	50	**2892980000**
30–70 V AC/DC, with LED	W2C 4 FS 30-70V DB	50	**2893010000**
60–150 V AC/DC, with LED	W2C 4 FS 60-150V DB	50	**2893040000**
100 – 250 V AC/DC, with LED	W2C 4 FS 100-250V DB	50	**2893080000**
Note			

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS BL	50	**2892910000**
10–36 V AC/DC, with LED	W2C 4 FS 10-36V BL	50	**2892990000**
30–70 V AC/DC, with LED	W2C 4 FS 30-70V BL	50	**2893020000**
60–150 V AC/DC, with LED	W2C 4 FS 60-150V BL	50	**2893050000**
100 – 250 V AC/DC, with LED	W2C 4 FS 100-250V BL	50	**2893090000**
Note			

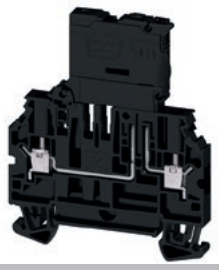
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

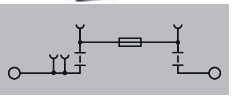
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 FS BK — 4 mm²



6.1 x 60 x 75
6.3 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
36		300	
6.3		10	6.3
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

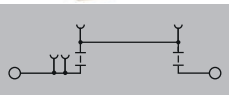
The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2C 4 FS BK	50	2892920000
W2C 4 FS 10-36V BK	50	2893000000
W2C 4 FS 30-70V BK	50	2893030000
W2C 4 FS 60-150V BK	50	2893070000
W2C 4 FS 100-250V BK	50	2893110000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DTCA DB — 4 mm²

6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-3

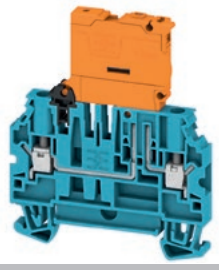
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

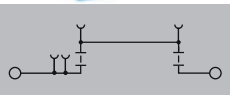
Type	Qty.	Order No.
W2C 4 DTCA DB	50	3018840000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DTCA BL — 4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



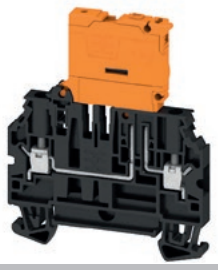
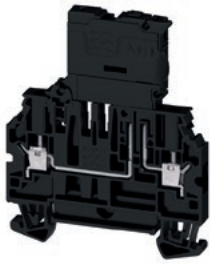
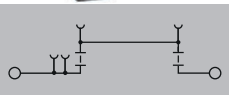
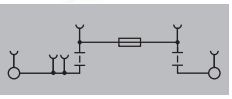
IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA BL	50	3018940000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

	W2C 4 DTCA BK	4 mm²	W2C 4 FS BK STB	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 75		6.1 x 60 x 75	
max. current / max. cond. cross-section A/mm²	**20 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data												
	IEC 60947-7-3								IEC 60947-7-3			
	IEC		UL		CSA		EN 60079-7		IEC	UL	CSA	EN 60079-7
Rated voltage V	500								36		300	
Rated current A	20								6.3		10	6.3
for wire cross-section mm²	4								4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3						6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0						A3 / V-0		
Approvals									CE GL cULus Ex UKCA			
Clamped conductors												
Solid / Stranded mm²	0.25...6 / 0.25...6								0.25...6 / 0.25...6			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4								0.25...6 / 0.25...4			
Twin wire-end ferrule mm²	0.5...1.5								0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm								8 / 0.6 x 3.5 mm			
Note									The voltage depends on the selected fuse element or the selected indicator light.			

Ordering data

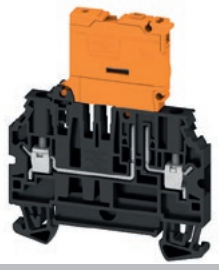
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 DTCA BK	50	**3019240000**	W2C 4 FS BK STB	50	**2892930000**
10–36 V AC/DC, with LED				W2C 4 FS 10-36V BK STB	50	**2892940000**
30–70 V AC/DC, with LED				W2C 4 FS 30-70V BK STB	50	**2892950000**
60–150 V AC/DC, with LED				W2C 4 FS 60-150V BK STB	50	**2892960000**
100 – 250 V AC/DC, with LED				W2C 4 FS 100-250V BK STB	50	**2892970000**
Note						

Accessories

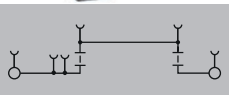
Plug-in cross-connection							
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2C 4		20	**2894210000**	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**	WEP 2C 4 BK		20	**2894230000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast					G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast					G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast					G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast					G 20/2.00A/F	2 A	10	**0430900000**
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 DTCA BK STB — 4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-1

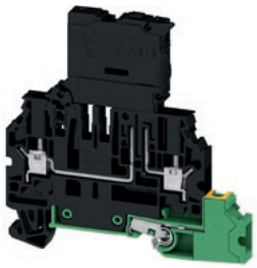
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

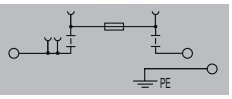
Type	Qty.	Order No.
W2C 4 DTCA BK STB	50	3019260000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS-PE BK — 4 mm²



6.1 x 72.5 x 75
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
36		300	
6.3		10	6.3
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

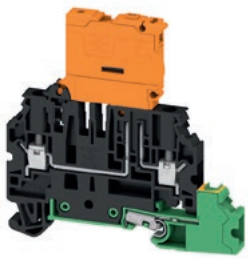
Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

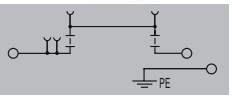
Type	Qty.	Order No.
W2C 4 FS-PE BK	50	2893120000
W2C 4 FS-PE 10-36V BK	50	2893140000
W2C 4 FS-PE 30-70V BK	50	2893150000
W2C 4 FS-PE 60-150V BK	50	2893160000
W2C 4 FS-PE 100-250V BK	50	2893170000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DTCA-PE BK — 4 mm²



6.1 x 72.5 x 75
20 / 6
0.25...6



IEC 60947-7-1, IEC 60947-7-2

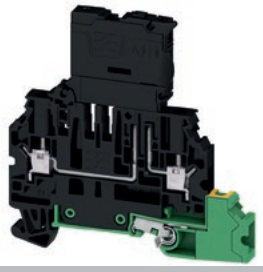
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

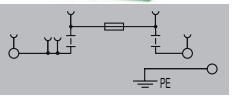
Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA-PE BK	50	3019280000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS-PE BK STB — 4 mm²





Width/Height/Depth	6.1 x 72.5 x 75
max. current / max. cond. cross-section	**6.3 / 6**
Max. clamping range	**0.25...6**

Technical data

IEC 60947-7-3, IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	36		300	
Rated current	6.3		10	6.3
for wire cross-section	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded	0.25...6 / 0.25...6
Flexible / Flexible with ferrule	0.25...6 / 0.25...4
Twin wire-end ferrule	0.5...1.5
Stripping length / Blade size	8 / 0.6 x 3.5 mm

Note

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS-PE BK STB	50	**2893130000**
10–36 V AC/DC, with LED	W2C 4 FS-PE 10-36V BK STB	50	**2893180000**
30–70 V AC/DC, with LED	W2C 4 FS-PE 30-70V BK STB	50	**2893190000**
60–150 V AC/DC, with LED	W2C 4 FS-PE 60-150V BK STB	50	**2893200000**
100 – 250 V AC/DC, with LED	W2C 4 FS-PE 100-250V BK STB	50	**2893210000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 FS-PE BK STB

Type	Order No.
W2C 4 FS-PE BK STB	**2893130000**

Arrangement	Applications			
	Only short-circuit protection		Overload protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4.0 W / 6.3 A	31 °C	1.6 W / 6.3 A
In combination	32 °C	2.5 W / 6.3 A	34 °C	1.6 W / 6.3 A

WSI 4 — 4 mm²

Width/Height/Depth	8 x 50.7 x 42.5 mm
max. current / max. cond. cross-section	**6.3 / 4** A/mm²
Max. clamping range	**0.5...4** mm²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...12	AWG 30...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.4 / (M 3)
0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4	50	1886580000
10–36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	1886590000
30–70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	1886560000
60–150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	1886570000
140–250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	1886550000

Note

Accessories

End bracket	Type		Qty.	Order No.
dark beige	WEW 35/2		50	1061200000
Screwdriver				
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	9006060000
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

WSI 4

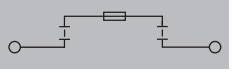
Overload and short-circuit protection

Type	Order No.
WSI 4	1886580000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

WSI 4 Ex	4 mm²

Width/Height/Depth	mm	8 x 50.7 x 42.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**



Technical data

IEC 60947-7-3 — Ex ec II C Gc II 3 G

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	6.3	15	15	6.3
for wire cross-section (mm²)	4	AWG 30...12	AWG 30...12	4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				DEMKO14ATEX1389U

Clamped conductors	Rated connection
Solid / Stranded (mm²)	0.5...4 / 1.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4
Tightening torque / Clamping screw (Nm)	0.4...0.4 / (M 3)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4	50	**2562590000**
10–36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	**2564350000**
30–70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	**2564360000**
60–150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	**2564370000**
140–250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	**2564380000**

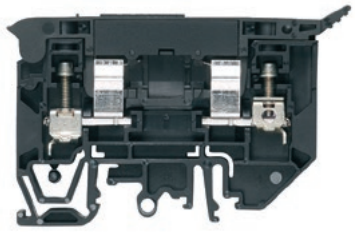
Note

Accessories

	Type		Qty.	Order No.
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

WSI 4/2 — 4 mm²



Width/Height/Depth	9.1 x 81.6 x 53.5 mm
max. current / max. cond. cross-section	10 / 6 A/mm²
Max. clamping range	0.5...6 mm²

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	300 (C)	300 (C)	
Rated current	10	15	15	
for wire cross-section	4	AWG 30...10	AWG 30...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...6
Tightening torque / Clamping screw Nm	0.5...0.8 / (M 3)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4/2	25	1880430000
10–36 V AC/DC, with LED	WSI 4/2/LD 10-36V AC/DC	25	1880410000
30–70 V AC/DC, with LED	WSI 4/2/LD 30-70V AC/DC	25	1880440000
60–150 V AC/DC, with LED	WSI 4/2/LD 60-150V AC/DC	25	1880420000
140–250 V AC/DC, with LED	WSI 4/2/LD 140-250V AC/DC	25	1880390000

Note

Accessories

End plate / Partition plate	Type	Qty.	Order No.
dark beige	WAP WSI4/2	50	1880450000
End bracket			
dark beige	WEW 35/2	50	1061200000
Screwdriver			
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET	1	9006060000
Screwdriver PH2	SDS 0.6X3.5X100	1	2749340000
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

WSI 4/2

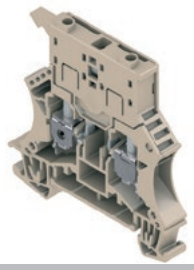
Overload and short-circuit protection

Type	Order No.
WSI 4/2	1880430000

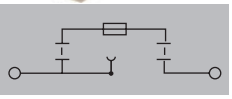
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

WSI 6 — 6 mm²

Metric fuses



Width/Height/Depth	7.9 x 60 x 61 mm
max. current / max. cond. cross-section	**6.3 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



WSI 6

Overload and short-circuit protection

Technical data

IEC 60947-7-3, IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	600 (C)	600 (C)	
Rated current	6.3	9.5	10	
for wire cross-section	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	0.5...10 / 0.5...6
Tightening torque / Clamping screw	0.8...1.6 / (M 3.5)
Blade size	0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 6	50	**1011000000**
10–36 V AC/DC, with LED			
30–70 V AC/DC, with LED			
60–150 V AC/DC, with LED			
140–250 V AC/DC, with LED			

Note

Type	Order No.
WSI 6	**1011000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	2.5 W / 6.3 A	27 °C	1.6 W / 3.0 A

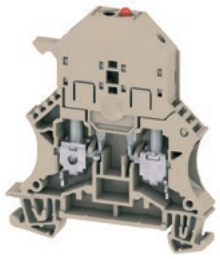
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK6N	41 A	50	**0194300000**
10-pole	QL 10 SAK6N	41 A	20	**0338300000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

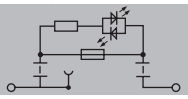
For detailed information on other accessories and application in the online catalogue

WSI 6 LED — 6 mm²

Metric fuses / bipolar LED



Width/Height/Depth	7.9 x 60 x 71.5 mm
max. current / max. cond. cross-section	**6.3 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



WSI 6 LED

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
	6 kV / 3		
	V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 / (M 3.5)
0.8 x 4.0 mm

Type	Order No.
WSI 6/LD 10-36V DC/AC	**1011300000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	225 W / 6.3 A	27 °C	1.6 W / 3.0 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	WSI 6/LD 10-36V DC/AC	10	**1011300000**
30–70 V AC/DC, with LED	WSI 6/LD 30-70V DC/AC	10	**1012200000**
60–150 V AC/DC, with LED	WSI 6/LD 60-150V DC/AC	10	**1012300000**
140–250 V AC/DC, with LED	WSI 6/LD 250AC	10	**1012400000**
Note			

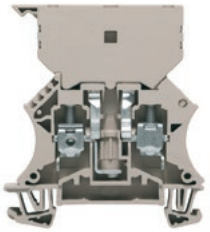
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK6N	41 A	50	**0194300000**
10-pole	QL 10 SAK6N	41 A	20	**0338300000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

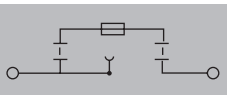
For detailed information on other accessories and application in the online catalogue

WSI 6/2 — 6 mm²

Imperial fuses



Width/Height/Depth	11.9 x 60 x 66.5 mm
max. current / max. cond. cross-section	**10 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



WSI 6/2

Overload and short-circuit protection

Technical data

IEC 60947-7-3, IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	600 (C)	150 (C)	
Rated current	10	16	16	
for wire cross-section	6	AWG 22...8	AWG 20...6	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Tightening torque / Clamping screw Nm	0.8...1.6 / (M 3.5)
Blade size	0.8 x 4.0 mm

Note

Type	Order No.
WSI 6/2 GZ/DEF63	**1014000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 6/2 GZ/DEF63	25	**1014000000**
10–36 V AC/DC, with LED			
30–70 V AC/DC, with LED			
60–150 V AC/DC, with LED			
140–250 V AC/DC, with LED			

Note

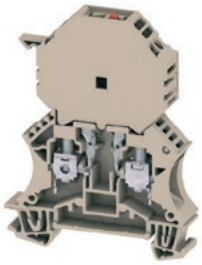
Accessories

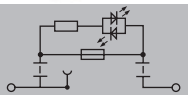
Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3	D 128-A 3	50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

WSI 6/2 LED | 6 mm²

Imperial fuses / bipolar LED





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

11.9 x 60 x 78.5
10 / 10
0.5...10

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500			
Rated current	10			
for wire cross-section	6	AWG 22...8	AWG 20...6	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Tightening torque / Clamping screw Nm	0.8...1.6 / (M 3.5)
Blade size	0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	WSI 6/2/LD 10-36V DC/AC	25	1014100000
30–70 V AC/DC, with LED	WSI 6/2/LD 30-70V DC/AC	25	1014200000
60–150 V AC/DC, with LED	WSI 6/2/LD 60-150VDC/AC	25	1014300000
140–250 V AC/DC, with LED	WSI 6/2/LD 250AC	25	1014400000

Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	0470700000
10-pole	QL 10 SAK16	76 A	20	0471000000
Lock washer	SS M3 D 128-A 3		50	0164400000
Mounting screw	KISC M3X5		100	1052100000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000
	WS 12/6.5 MC NE WS		540	1609920000

For detailed information on other accessories and application in the online catalogue

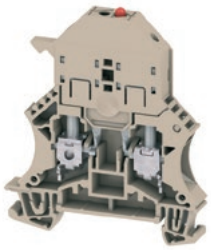
WSI 6/2 LED

Overload and short-circuit protection

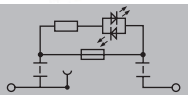
Type	Order No.
WSI 6/2/LD 10-36V DC/AC	1014100000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

WSI 6/LD LLC — 6 mm²



Width/Height/Depth	mm	7.9 x 60 x 71.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500			
Rated current (A)	6.3			
for wire cross-section (mm²)	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		/ 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule (mm²)	0.5...10 / 0.5...6			
Tightening torque / Clamping screw (Nm)	0.8...1.6 / (M 3.5)			
Blade size	0.8 x 4.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	WSI 6/LD 10-36V LLC	10	**1119840000**
30–70 V AC/DC, with LED	WSI 6/LD 30-70V LLC	10	**1119830000**
60–150 V AC/DC, with LED	WSI 6/LD 60-150V LLC	10	**1119850000**
140–250 V AC/DC, with LED	WSI 6/LD 250AC LLC	10	**1119870000**

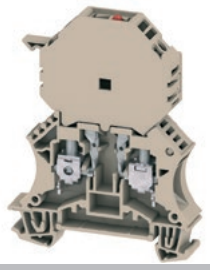
Note

Accessories

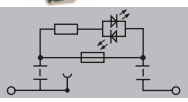
Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK6N	41 A	50	**0194300000**
10-pole	QL 10 SAK6N	41 A	20	**0338300000**
Mounting screw	KISC M3X20 SAK10 CU5		100	**0377100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

For detailed information on other accessories and application in the online catalogue

WSI 6/2/LD LLC — 6 mm²



Width/Height/Depth	mm	11.9 x 60 x 78.5
max. current / max. cond. cross-section	A/mm²	**10 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

Rated data		
Rated voltage to adjoining terminal	V	500
Rated current	A	10
for wire cross-section	mm²	6
Rated impulse withstand voltage / Pollution severity		/ 3
UL 94 flammability rating		V-0
Approvals		
Clamped conductors		
Solid / Stranded	mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6
Tightening torque / Clamping screw	Nm	0.8...1.6 / (M 3.5)
Blade size		0.8 x 4.0 mm

IEC 60947-7-3			
IEC	**UL**	**CSA**	**EN 60079-7**
	AWG 22...8	AWG 20...8	
Rated connection			

Note

Ordering data

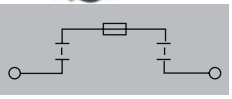
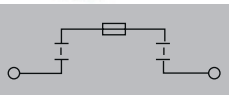
Version	**Type**	**Qty.**	**Order No.**
10–36 V AC/DC, with LED	WSI 6/2/LD 10-36V LLC	25	**1119800000**
30–70 V AC/DC, with LED	WSI 6/2/LD 30-70V LLC	25	**1119810000**
60–150 V AC/DC, with LED	WSI 6/2/LD 60-150V LLC	25	**1119820000**
140–250 V AC/DC, with LED	WSI 6/2/LD 250AC LLC	25	**1119790000**

Note

Accessories

Screwable cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

	WSI 25 10x38	25 mm²	WSI 25 CC	25 mm²
Width/Height/Depth mm	18 x 81 x 58		18 x 81 x 58	
max. current / max. cond. cross-section A/mm²	**32 / 25**		**32 / 25**	
Max. clamping range mm²	**1.5...25**		**1.5...25**	

Technical data

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	690			
Rated current	A	32			
for wire cross-section	mm²	25		AWG 18...3	
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
UL 94 flammability rating				V-0	
Approvals		CE cULus UKCA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	1.5...25 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25			
Tightening torque / Clamping screw	Nm	2...2.5 /			
Blade size					
Note					

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	690			
Rated current	A	32			
for wire cross-section	mm²	25		AWG 18...3	
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
UL 94 flammability rating				V-0	
Approvals		CE cULus UKCA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	1.5...25 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25			
Tightening torque / Clamping screw	Nm	2...2.5 /			
Blade size					
Note					

Ordering data

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10X38	12	**1966020000**
2-pole, without LED	WSI 25/2 10X38	6	**1966090000**
3-pole, without LED	WSI 25/3 10X38	4	**1966080000**
1-pole, with LED	WSI 25/1 10X38/LED 690V	12	**1966060000**
Note			

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 CC	12	**1966050000**
2-pole, without LED	WSI 25/2 CC	6	**1966040000**
3-pole, without LED	WSI 25/3 CC	4	**1966030000**
1-pole, with LED	WSI 25/1 CC/LED	12	**1966070000**
Note			

Accessories

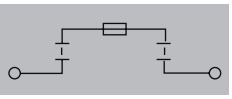
Marking tags	Type	Qty.	Order No.
Marking tags	ESG 6/15 K MC NE WS	200	**1880100000**
End bracket			
dark beige	WEW 35/2	50	**1061200000**

Marking tags	Type	Qty.	Order No.
Marking tags	ESG 6/15 K MC NE WS	200	**1880100000**
End bracket			
dark beige	WEW 35/2	50	**1061200000**

For detailed information on other accessories and application in the online catalogue

WSI 25/1 10x38 1KV — 25 mm²

Width/Height/Depth	mm	18 x 81 x 58
max. current / max. cond. cross-section	A/mm²	**30 / 25**
Max. clamping range	mm²	**1.5...25**



Technical data

IEC 60269-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	1000			
Rated current A	30			
for wire cross-section mm²	25		AWG 18...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	1.5...25 / 1.5...25
Flexible / Flexible with ferrule mm²	1.5...25 / 1.5...25
Tightening torque / Clamping screw Nm	2...2.5 /
Blade size	

Note	

Ordering data

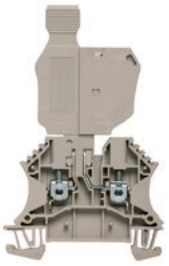
Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10X38 1KV	12	**1137790000**
1-pole, with LED	WSI 25/1 10X38/LED 1KV	12	**1137780000**

Note	

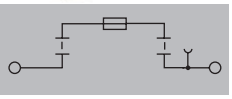
Accessories

For detailed information on other accessories and application in the online catalogue	

	WTR 2.5/SI	2.5 mm²



Width/Height/Depth	mm	5.1 x 60 x 97
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	400		300 (D)	
Rated current	6.3		10	
for wire cross-section	2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.8 / (M 2.5)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
400 V AC/DC, without LED	WTR 2.5/SI	25	**1763940000**
10–36 V AC/DC, with LED	WTR 2.5/SI LD 36V	25	**1763950000**

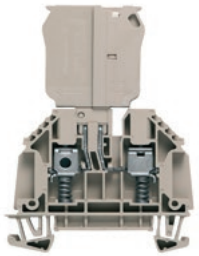
Note

Accessories

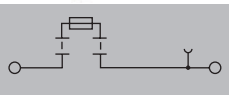
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

WTR 4 SI SL — 4 mm²



Width/Height/Depth	mm	6.1 x 61.5 x 97
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**
Max. clamping range	mm²	**0.22...6**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	400	300 (D)	300 (D)	
Rated current A	6.3	6.3	6.3	
for wire cross-section mm²	4	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4			
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)			
Blade size	0.6 x 3.5 mm			

Note

Ordering data

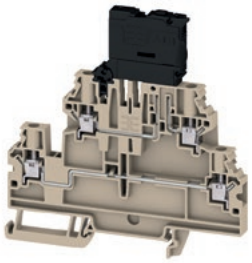
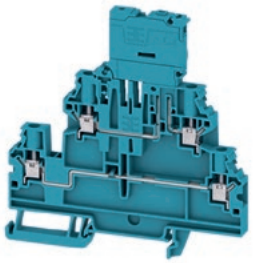
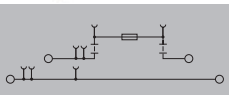
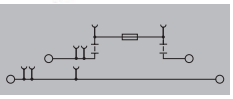
Version	Type	Qty.	Order No.
400 V AC/DC, without LED	WTR 4 SI SL	25	**7910330000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
Black	WAP 2.5-10 SW		50	**1050010000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

	W2T 4 FS-FT DB	4 mm²	W2T 4 FS-FT BL	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 99.5		6.1 x 95.5 x 99.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data		IEC 60947-7-3, IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	36		300	
Rated current	A	6.3		10	6.3
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Twin wire-end ferrule	mm²				
Stripping length / Blade size	mm/-				

Rated data		IEC 60947-7-3, IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	36		300	
Rated current	A	6.3		10	6.3
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Twin wire-end ferrule	mm²				
Stripping length / Blade size	mm/-				

Note	
	The voltage depends on the selected fuse element or the selected indicator light.

Note	
	The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	W2T 4 FS-FT DB	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT DB	50	**2893850000**
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V DB	50	**2893880000**
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V DB	50	**2893910000**
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V DB	50	**2893940000**
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V DB	50	**2893970000**
Note			

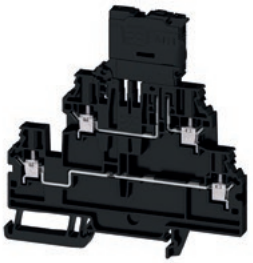
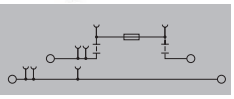
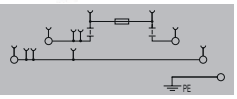
Version	W2T 4 FS-FT BL	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT BL	50	**2893860000**
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V BL	50	**2893890000**
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V BL	50	**2893920000**
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V BL	50	**2893950000**
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V BL	50	**2893980000**
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2T 4		20	**2894240000**
blue	WEP 2T 4 BL		20	**2894250000**
Black	WEP 2T 4 BK		20	**2894260000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2T 4		20	**2894240000**
blue	WEP 2T 4 BL		20	**2894250000**
Black	WEP 2T 4 BK		20	**2894260000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2T 4 FS-FT BK	4 mm²	W2T 4 FS-FT BK STB	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 99.5		6.1 x 95.5 x 99.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data					IEC 60947-7-3, IEC 60947-7-1				IEC 60947-7-3, IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7			IEC	UL	CSA	EN 60079-7
Rated voltage	V		36		300				36		300	
Rated current	A		6.3		10	6.3			6.3		10	6.3
for wire cross-section	mm²		4		AWG 24...12	4 mm²			4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity					6 kV / 3						6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating					A3 / V-0						A3 / V-0	
Approvals												
Clamped conductors		**Rated connection**					**Rated connection**					
Solid / Stranded	mm²	0.25...6 / 0.25...6					0.25...6 / 0.25...6					
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4					0.25...6 / 0.25...4					
Twin wire-end ferrule	mm²	0.5...1.5					0.5...1.5					
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm					8 / 0.6 x 3.5 mm					
Note		The voltage depends on the selected fuse element or the selected indicator light.					The voltage depends on the selected fuse element or the selected indicator light.					

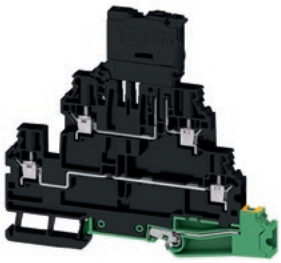
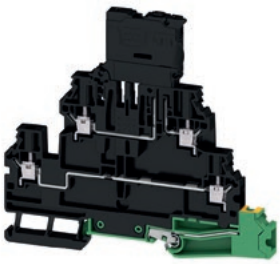
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT BK	50	**2893870000**	W2T 4 FS-FT BK STB	50	**2894000000**
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V BK	50	**2893900000**	W2T 4 FS-FT 10-36V BK STB	50	**2894010000**
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V BK	50	**2893930000**	W2T 4 FS-FT 30-70V BK STB	50	**2894020000**
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V BK	50	**2893960000**	W2T 4 FS-FT 60-150V BK STB	50	**2894030000**
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V BK	50	**2893990000**	W2T 4 FS-FT 100-250V BK STB	50	**2894040000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2T 4		20	**2894240000**	WEP 2T 4		20	**2894240000**
blue	WEP 2T 4 BL		20	**2894250000**	WEP 2T 4 BL		20	**2894250000**
Black	WEP 2T 4 BK		20	**2894260000**	WEP 2T 4 BK		20	**2894260000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

		W2T 4 FS-FT-PE BK	4 mm²	W2T 4 FS-FT-PE BK STB	4 mm²
					
Width/Height/Depth	mm	6.1 x 106.5 x 99.5		6.1 x 106.5 x 99.5	
max. current / max. cond. cross-section	A/mm²	6.3 / 6		6.3 / 6	
Max. clamping range	mm²	0.25...6		0.25...6	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	36		300	
Rated current	A	6.3		10	6.3
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Twin wire-end ferrule	mm²				
Stripping length / Blade size	mm/-				

Note	W2T 4 FS-FT-PE BK	W2T 4 FS-FT-PE BK STB
	IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1	IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1
	Rated connection	**Rated connection**
	0.25...6 / 0.25...6	0.25...6 / 0.25...6
	0.25...6 / 0.25...4	0.25...6 / 0.25...4
	0.5...1.5	0.5...1.5
	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
	The voltage depends on the selected fuse element or the selected indicator light.	The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT-PE BK	50	2894050000	W2T 4 FS-FT-PE BK STB	50	2894100000
10–36 V AC/DC, with LED	W2T 4 FS-FT-PE 10-36V BK	50	2894060000	W2T 4 FS-FT-PE 10-36V BK STB	50	2894110000
30–70 V AC/DC, with LED	W2T 4 FS-FT-PE 30-70V BK	50	2894070000	W2T 4 FS-FT-PE 30-70V BK STB	50	2894120000
60–150 V AC/DC, with LED	W2T 4 FS-FT-PE 60-150V BK	50	2894080000	W2T 4 FS-FT-PE 60-150V BK STB	50	2894130000
100 – 250 V AC/DC, with LED	W2T 4 FS-FT-PE 100-250V BK	50	2894090000	W2T 4 FS-FT-PE 100-250V BK STB	50	2894140000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	WEP 2T 4		20	2894240000	WEP 2T 4		20	2894240000
blue	WEP 2T 4 BL		20	2894250000	WEP 2T 4 BL		20	2894250000
Black	WEP 2T 4 BK		20	2894260000	WEP 2T 4 BK		20	2894260000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000	G 20/2.00A/F	2 A	10	0430900000
Marking tags								
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

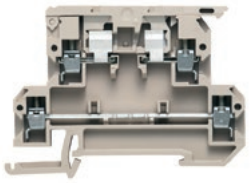
W2T 4 FS-FT-PE BK STB

Type	Order No.
W2T 4 FS-FT-PE BK STB	2894100000

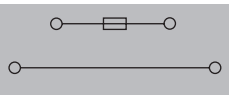
Arrangement	Applications			
	Only short-circuit protection		Overload protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4.0 W / 6.3 A	31 °C	1.6 W / 6.3 A
In combination	32 °C	2.5 W / 6.3 A	34 °C	1.6 W / 6.3 A

KDKS 1/35 DB — 4 mm²

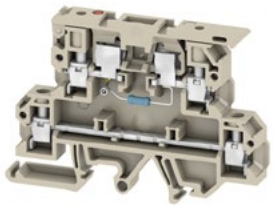
Metric fuses 5 x 20 mm



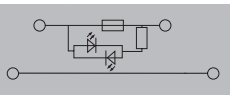
Width/Height/Depth	8.1 x 73.5 x 55
max. current / max. cond. cross-section	**6.3 / 4**
Max. clamping range	**0.22...4**



KDKS 1EN/LLC — 4 mm²



Width/Height/Depth	8 x 76.5 x 54
max. current / max. cond. cross-section	**6.3 / 4**
Max. clamping range	**0.22...4**



Technical data

Rated data		KDKS 1/35 DB	KDKS 1EN/LLC
Rated voltage to adjoining terminal	V	IEC 60947-7-3	IEC 60947-7-3
Rated current	A	IEC	IEC
for wire cross-section	mm²	500	500
Rated impulse withstand voltage / Pollution severity		6.3	6.3
UL 94 flammability rating		4	4
Approvals			
Clamped conductors			
Solid / Stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4	0.5...4
Tightening torque / Clamping screw	Nm	0.5...0.8 / (M 3)	0.5...0.8 / (M 3)
Blade size		0.6 x 3.5 mm	0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	
6.3	10	10	
4	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

IEC	UL	CSA	EN 60079-7
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
	/ 3		
	V-0		

Note

Ordering data

Version	KDKS 1/35 DB Type	Qty.	Order No.	KDKS 1EN/LLC Type	Qty.	Order No.
500 V AC/DC, without LED	KDKS 1/35 DB	50	**9532440000**			
10–36 V AC/DC, with LED				KDKS 1EN/LLC 10-36V AC/DC	50	**9802720001**
30–70 V AC/DC, with LED				KDKS 1EN/LLC 30-70V AC/DC	50	**9908510001**
60–150 V AC/DC, with LED						
100 – 250 V AC/DC, with LED				KDKS 1EN/LLC 100-250V AC/DC	50	**9915820001**

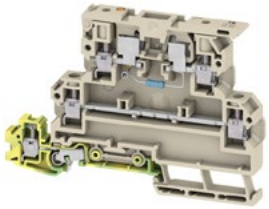
Note

Accessories

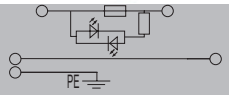
End plate / Partition plate	KDKS 1/35 DB Type	Qty.	Order No.	KDKS 1EN/LLC Type	Qty.	Order No.
dark beige	AP KDKS1 DB	20	**9532470000**	AP KDKS1 DB	20	**9532470000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)						
0.25 A fast	G 20/0.25A/F	0.25 A 10	**0430500000**	G 20/0.25A/F	0.25 A 10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A 10	**0430600000**	G 20/0.50A/F	0.5 A 10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A 10	**0430700000**	G 20/1.00A/F	1 A 10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A 10	**0430900000**	G 20/2.00A/F	2 A 10	**0430900000**
Marking tags						
	DEK 5/8 MC NE WS	800	**1856740000**	DEK 5/8 MC NE WS	800	**1856740000**

For detailed information on other accessories and application in the online catalogue

KDKS 1PE/LLC — 4 mm²



Width/Height/Depth	8 x 91 x 65 mm
max. current / max. cond. cross-section	**6.3 / 4** A/mm²
Max. clamping range	**0.33...4** mm²



IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	150 (C)	
Rated current A	6.3	20	25	
for wire cross-section mm²	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	KDKS 1PE/LLC 10-36V AC/DC	50	**1518300000**
30–70 V AC/DC, with LED	KDKS 1PE/LLC 30-70V AC/DC	50	**1518330000**
60–150 V AC/DC, with LED	KDKS 1PE/LLC 60-150V AC/DC	50	**1518340000**
100 – 250 V AC/DC, with LED	KDKS 1PE/LLC 100-250V AC/DC	50	**1518370000**

Note

Accessories

End plate / Partition plate	Type		Qty.	Order No.
dark beige	AP KDKS1 DB		20	**9532470000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**

For detailed information on other accessories and application in the online catalogue

KDKS 1/35 DB

Overload and short-circuit protection

Type	Order No.
KDKS 1/35 DB	**9532440000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

Fuse cartridges

Technical data

for terminal type:
PSI 6/10
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB

Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI)[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 6

Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
Cartridge fuse	G-Si. 5 x 25	0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
Rated breaking capacity	80 A	1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63

Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
Cartridge fuse	G-Si. 6.3 x 32	2	quick-acting	GZ 2.0A/F	10	1460600000
Rated breaking capacity	50 kA	3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 2/35 DB

Ordering data

D-type fuse cartridge E 16 with indicator in acc. with DIN 49360 (Diazed)

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		10	slo-blo	E 16/10A RT TNDZ	25	0208500000
		16	slo-blo	E 16/16A GR TNDZ	25	0208600000
Cartridge fuse		20	slo-blo	E 16/20A BL TNDZ	25	0208700000
Rated breaking capacity		25	slo-blo	E 16/25A GE TNDZ	25	0208800000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 4/35 DB

Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)[3)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		10	slo-blo	E 14/10A RT	10	0328400000
		16	slo-blo	E 14/16A GR	10	0328500000
Cartridge fuse		2	slo-blo	E 14/2A RS	10	0137400000
Rated breaking capacity		4	slo-blo	E 14/4A BR	10	0137500000
		6	slo-blo	E 14/6A GN	10	0328300000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

Technical data

for terminal type:
SAKS 5/35 DB

Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)[3)]

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	20	slo-blo	E 18/20A BL	10	**0361300000**
	25	slo-blo	E 18/25A GE	10	**0361400000**
	35	slo-blo	E 18/35A SW	10	**0361500000**
	50	slo-blo	E 18/50A WS	10	**0361600000**
	63	slo-blo	E 18/63A KU	10	**0361700000**

(M) = medium time-lag; (F) = quick-acting

1) The company SIBA supplies G-type fuse cartridges 5 x 25 with indicator, also in marine engineering version for 450 V~.
2) Fuse cartridges 5 x 30 (500 V~) für SAKS 3 are avalaible from the company WICKMANN.
3) The company LINDNER supplies Neozed fuse cartridges, also in a further marine engineering version for 440 V~.
4) Fuse cartridges with the dimensions 1"x1/4" = 25.4x6.35 mm and 13/32"x11/2" = 10.3x38.1 mm are not in the programme.
5) Only for SAKS 1 and SAKS 7.

Gauge rings

Technical data

for terminal type:
SAKS 4/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 14/2 D01 RS SAKS4	E14 / 2	2 A	pink	50	**0138000000**
P 14/4 D01 BR SAKS4	E14 / 4	4 A	brown	50	**0138100000**
P 14/6 D01 GN SAKS4	E14 / 6	6 A	green	50	**0328600000**
P 14/10 D01 RT SAKS4	E14 / 10	10 A	red	50	**0328700000**

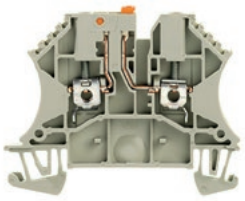
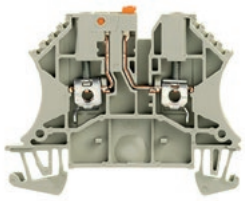
Technical data

for terminal type:
SAKS 5/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 18/20 D02 BL SAKS5	E18 / 20	20 A	blue	50	**0361800000**
P 18/25 D02 GE SAKS5	E18 / 25	25 A	yellow	50	**0361900000**
P 18/35 D02 SW SAKS5	E18 / 35	35 A	black	50	**0362000000**
P 18/50 D02 SI SAKS5	E18 / 50	50 A	silver	50	**0362100000**

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WTR 2.5	WTR 2.5 STB
	2.5 mm²	2.5 mm²
	With clamping screw	With sockets
		
Width/Height/Depth mm	5.1 x 60 x 48	5.1 x 60 x 48
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.05...4	0.05...4

Technical data

Rated data		WTR 2.5	WTR 2.5 STB
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Number of operating cycles			
Approvals			

IEC	UL	CSA	EN 60079-7
500	600	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Clamped conductors		WTR 2.5	WTR 2.5 STB
Solid / Stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	Nm	0.4...0.8 / (M 2.5)	0.5...0.7 / (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTR 2.5	100	1855610000
Blue	WTR 2.5 BL	100	8731640000
without isolator, dark beige	WTR 2.5/O.TNHE	100	8731700000
Note			

Type	Qty.	Order No.
WTR 2.5 STB2.3	100	1855620000
WTR 2.5 STB2.3 BL	100	8731660000
WTR 2.5/O.TNHE STB2.3	100	8731670000

Accessories

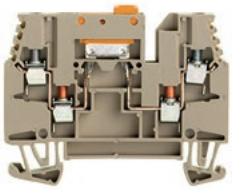
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
End bracket				
dark beige	WEW 35/2		50	1061200000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test adapter	WTA 6 WTR2.5	6 A	25	1632380000
Test plug				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	WS 8/5 MM WS		800	2007150000
	DEK 5/5 MM WS		800	2007110000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP 2.5-10		50	1050000000
WEW 35/2		50	1061200000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
SDS 0.6X3.5X100		1	2749340000
PS 2.3 RT	20 mA	20	0180400000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

WTR 2.5/ZZ — 2.5 mm²

Twin connection



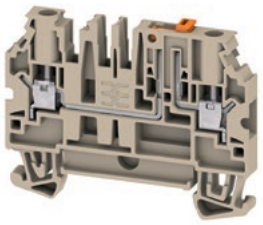
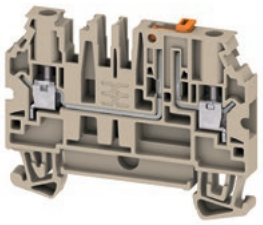
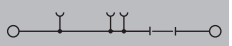
5.1 x 60 x 46.5
16 / 4
0.13...4

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 2.5/ZZ	50	1039900000
WTR 2.5/ZZ BL	50	1039980000
WTR 2.5/ZZ O.TNHE	50	1774670000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WTR2.5/ZZ		20	1074600000
WEW 35/2		50	1061200000
SIHA 1/G20	6.3 A	25	9537550000
SIHA 1/G20 10-36V	6.3 A	25	9537560000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

	W2C 4 DT	4 mm²	W2C 4 DT STB	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 48		6.1 x 60 x 48	
max. current / max. cond. cross-section A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data		W2C 4 DT	W2C 4 DT STB
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	IEC 500 / UL 300 / CSA 300 / EN 60079-7	IEC 500 / UL 300 / CSA 300 / EN 60079-7
for wire cross-section	mm²	IEC 28 / UL 20 / CSA 20	IEC 28 / UL 20 / CSA 20
Rated impulse withstand voltage / Pollution severity		IEC 4 / UL AWG 24...12 / CSA AWG 24...12	IEC 4 / UL AWG 24...12 / CSA AWG 24...12
Gauge to IEC 60947-1 / UL 94 flammability rating		6 kV / 3	6 kV / 3
Number of operating cycles		A3 / V-0	A3 / V-0
Approvals			
Clamped conductors			
Solid / Stranded	mm²	0.25...6 / 0.25...6	0.25...6 / 0.25...6
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4	0.25...6 / 0.25...4
Tightening torque / Clamping screw	Nm	0.5...0.8 / (M 3)	0.5...0.6 / (M 3)
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note			

Ordering data

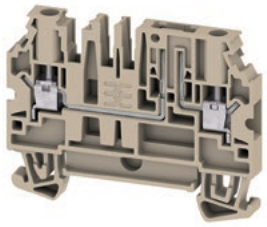
Version	W2C 4 DT	Qty.	Order No.	W2C 4 DT STB	Qty.	Order No.
dark beige	W2C 4 DT	50	**2892740000**	W2C 4 DT STB	50	**2892770000**
Blue	W2C 4 DT BL	50	**2892750000**			
Black	W2C 4 DT BK	50	**2892760000**			
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2C 4		20	**2894210000**	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**	WEP 2C 4 BK		20	**2894230000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Marker holder								
dark beige	BZT W2C 4		20	**2894270000**	BZT W2C 4		20	**2894270000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug								
orange	TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 DT W/O DTLV — 4 mm²



Width/Height/Depth	mm	6.1 x 60 x 48
max. current / max. cond. cross-section	A/mm²	**28 / 6**
Max. clamping range	mm²	**0.25...6**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	500		300	
Rated current	28		20	
for wire cross-section	4	AWG 24...12	AWG 24...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.25...6 / 0.25...6
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4
Tightening torque / Clamping screw Nm	0.5...0.8 / (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm

Note

Ordering data

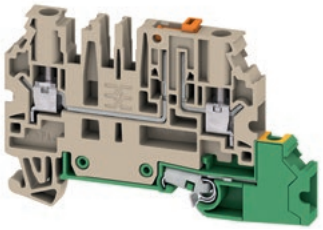
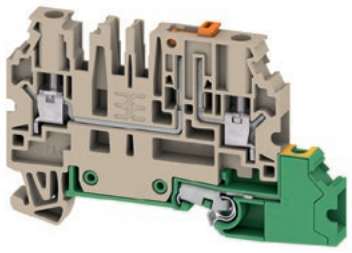
Version	Type	Qty.	Order No.
without isolator, dark beige	W2C 4 DT W/O DTLV	50	**2892780000**
without isolator, black	W2C 4 DT W/O DTLV BK	50	**2892800000**
without isolator, blue	W2C 4 DT W/O DTLV BL	50	**2892790000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marker holder				
dark beige	BZT W2C 4		20	**2894270000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2C 4 DT-PE	4 mm²	W2C 4 DT-PE STB	4 mm²
				
Width/Height/Depth mm	6.1 x 72.5 x 48		6.1 x 72.5 x 48	
max. current / max. cond. cross-section A/mm²	28 / 6		28 / 4	
Max. clamping range mm²	0.25...6		0.25...4	

Technical data

IEC 60947-7-1, IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500		300	
Rated current A	28		20	
for wire cross-section mm²	4	AWG 24...12	AWG 24...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	W2C 4 DT-PE	W2C 4 DT-PE STB
Solid / Stranded mm²	0.25...6 / 0.25...6	0.25...6 / 0.25...6
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4	0.25...6 / 0.25...4
Tightening torque / Clamping screw Nm	0.5...0.8 / (M 3)	0.5...0.6 / (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	W2C 4 DT-PE	50	2892810000
Note			

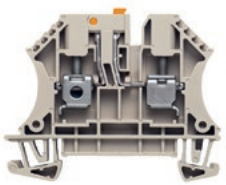
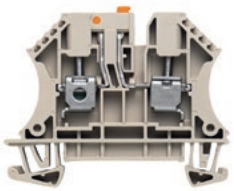
Version	Type	Qty.	Order No.
dark beige	W2C 4 DT-PE STB	50	2892820000
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
dark beige	WEP 2C 4		20	2894210000
blue	WEP 2C 4 BL		20	2894220000
Black	WEP 2C 4 BK		20	2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Marker holder				
dark beige	BZT W2C 4		20	2894270000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	7921580000
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	7921590000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Switch lock				
red	DTLE 2.5/4		25	2910530000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
dark beige	WEP 2C 4		20	2894210000
blue	WEP 2C 4 BL		20	2894220000
Black	WEP 2C 4 BK		20	2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Marker holder				
dark beige	BZT W2C 4		20	2894270000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	7921580000
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	7921590000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Switch lock				
red	DTLE 2.5/4		25	2910530000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

	WTR 4	WTR 4 STB
	4 mm²	4 mm²
	With clamping screw	With socket
		
Width/Height/Depth mm	6.1 x 60 x 48	6.1 x 60 x 48
max. current / max. cond. cross-section A/mm²	32 / 6	32 / 6
Max. clamping range mm²	0.22...6	0.22...6

Technical data

Rated data	WTR 4	WTR 4 STB
Rated voltage of feed-through terminal V	500	500
Rated current A	32	32
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Number of operating cycles		
Approvals		

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A	32	10	10	
for wire cross-section mm²	4	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	WTR 4	WTR 4 STB
Solid / Stranded mm²	0.5...6 / 1.5...6	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)	0.5...0.6 / (M 3)
Stripping length / Blade size mm/-	13 / 0.6 x 3.5 mm	13 / 0.6 x 3.5 mm

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
13 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTR 4	50	7910180000
Blue	WTR 4 BL	50	7910190000
without isolator, dark beige	WTR 4/O.TNHE	50	2436380000

Version	Type	Qty.	Order No.
dark beige	WTR 4 STB	50	7910210000
Blue	WTR 4 STB BL	50	7910220000
without isolator, dark beige	WTR 4 STB/O.TNHE	50	2436390000

Note

Accessories

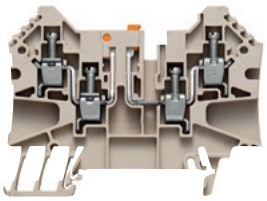
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
End bracket				
dark beige	WEW 35/2		50	1061200000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test plug				
Marking tags				
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

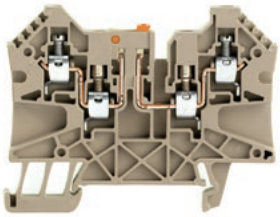
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
End bracket				
dark beige	WEW 35/2		50	1061200000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Marking tags				
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WTR 4/ZZ	4 mm²	WTR 4/ZZ STB	4 mm²
			Twin connection with socket	





Width/Height/Depth	mm	6.1 x 70 x 53	6.1 x 70 x 53
max. current / max. cond. cross-section	A/mm²	**27 / 6**	**27 / 6**
Max. clamping range	mm²	**0.05...6**	**0.05...6**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	500	600	600		500	600	600	
Rated current	A	27	25	25		27	25	25	
for wire cross-section	mm²	4	AWG 30...10	AWG 30...10		4	AWG 30...10	AWG 30...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0				A4 / V-0		
Number of operating cycles									
Approvals									
Clamped conductors									
Solid / Stranded	mm²								
Flexible / Flexible with ferrule	mm²								
Tightening torque / Clamping screw	Nm								
Stripping length / Blade size	mm/-								

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

Note

Ordering data

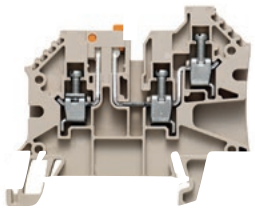
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WTR 4/ZZ	50	**1905090000**	WTR 4/ZZ STB	50	**1905100000**
Blue	WTR 4/ZZ BL	50	**1193450000**	WTR 4/ZZ STB BL	50	**1231330000**
without isolator, dark beige	WTR 4/ZZ/O.TNHE	50	**2436420000**	WTR 4/ZZ STB/O.TNHE	50	**2436360000**

Note

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate								
dark beige	WAP WDU/WTR4/ZZ		50	**1905150000**	WAP WDU/WTR4/ZZ		50	**1905150000**
dark beige								
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**	BEST/DRBR	22 A	50	**1878570000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
Disconnect plug								
removable, as replacement for release lever	TNST	20 A	50	**1833090000**	TNST	20 A	50	**1833090000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Hak. Cable lugs								
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	WS 12/5 MC NE WS		720	**1609860000**	WS 12/5 MC NE WS		720	**1609860000**
Testing / Checking								
Test plug					PS 2.3 RT	20 mA	20	**0180400000**
For detailed information on other accessories and application in the online catalogue								

WTR 4/ZR — 4 mm²



6.1 x 63.5 x 53
27 / 6
0.05...6

IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		

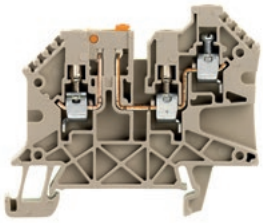
Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4/ZR		50	**1905080000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP WDU/WTR4/ZR		50	**1905070000**
WEW 35/2		50	**1061200000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST	20 A	50	**1833090000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
WS 12/5 MC NE WS		720	**1609860000**

WTR 4/ZR STB — 4 mm²

Supplementary connection with socket



6.1 x 63.5 x 53
27 / 6
0.05...6

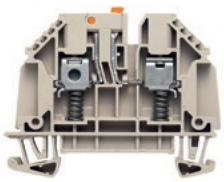
IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4/ZR STB		50	**1905110000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP WDU/WTR4/ZR		50	**1905070000**
WEW 35/2		50	**1061200000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST	20 A	50	**1833090000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
WS 12/5 MC NE WS		720	**1609860000**
PS 2.3 RT	20 mA	20	**0180400000**

WTR 4 SL — 4 mm²



6.1 x 61.5 x 46.5
32 / 6
0.22...6

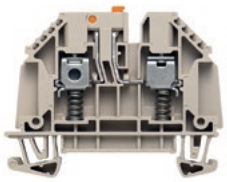
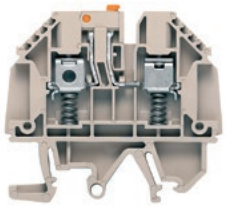
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 2		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4
0.5...0.6 / (M 3)
13 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4 SL		50	**7910270000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST	20 A	50	**1833090000**
SDS 0.6X3.5X100		1	**2749340000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**

	WTR 4 SL STB	4 mm²	WTR 4 SL/EN	4 mm²
				
Width/Height/Depth mm	6.1 x 61.5 x 46.5		6.1 x 61.5 x 51	
max. current / max. cond. cross-section A/mm²	**32 / 6**		**32 / 6**	
Max. clamping range mm²	**0.22...6**		**0.22...6**	

Technical data

Rated data	WTR 4 SL STB	WTR 4 SL/EN
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC 500 / UL 300 / CSA 300	IEC 630 / UL 300 / CSA 300
for wire cross-section mm²	32 / 22 / 10	32 / 22 / 10
	4 / AWG 22...10 / AWG 22...10	4 / AWG 22...10 / AWG 22...10
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 2
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Number of operating cycles		
Approvals	EN 60079-7	EN 60079-7
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 1.5...6	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4	0.5...4
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)	0.5...1 / (M 3)
Stripping length / Blade size mm/-	13 / 0.6 x 3.5 mm	13 / 0.6 x 3.5 mm
Note		

Ordering data

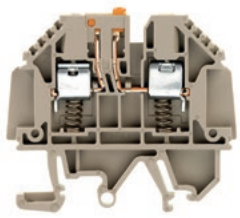
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WTR 4 STB SL	50	**7910300000**	WTR4 SL/EN	50	**7910360000**
Blue	WTR 4 STB SL BL	50	**7910310000**			
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Hak. Cable lugs								
	HBT 1,5 - 3,0 RT		100	**1312440000**	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**	HBT 2,5 - 3,0 BL		100	**1312450000**
Testing / Checking								
Test plug	PS 2.3 RT	20 mA	20	**0180400000**				
Marking tags								
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

WTR 4 STB SL/EN — 4 mm²



6.1 x 61.5 x 51
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4
0.5...1 / (M 3)
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR4 SL/EN STB	50	**7910390000**

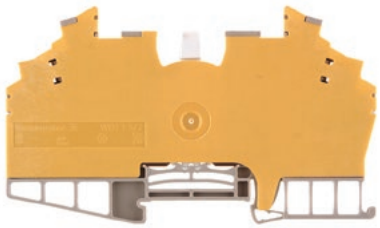
Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**

WDT 1.5/1 — 1.5 mm²

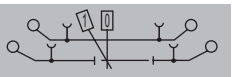
Disconnection lower level

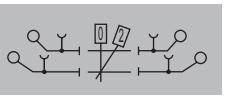
WDT 1.5/2 — 1.5 mm²

Disconnection both levels



		WDT 1.5/1	WDT 1.5/2
Width/Height/Depth	mm	6.4 x 112 x 66	6.4 x 112 x 66
max. current / max. cond. cross-section	A/mm²	**10 / 2.5**	**10 / 2.5**
Max. clamping range	mm²	**0.13...2.5**	**0.13...2.5**





Technical data

Rated data		WDT 1.5/1	WDT 1.5/2
Rated voltage of feed-through terminal	V	250	250
Rated current	A	10	10
for wire cross-section	mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Number of operating cycles			
Approvals			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	

Clamped conductors		WDT 1.5/1	WDT 1.5/2
Solid / Stranded	mm²	0.5...2.5 / 1.5...2.5	0.5...2.5 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Rated connection
0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	WDT 1.5/1	WDT 1.5/2
	dark beige	dark beige

Type	Qty.	Order No.
WDT 1.5/1 DB/GE	25	**1015800000**

Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	**1015900000**

Note

Accessories

End bracket	WDT 1.5/1	WDT 1.5/2
	dark beige	dark beige
Screwdriver		
	Screwdriver PH2	
Locking lever		
Marking tags		

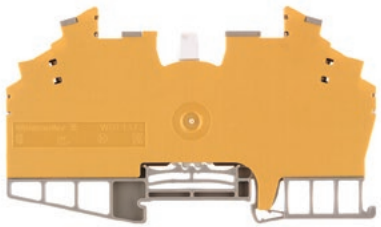
Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
RAHE LN WDT1.5	10	**1865410000**
DEK 5/6.5 MC NE WS	900	**1609840000**
WS 8/5 MC NE WS	720	**1640740000**

Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
RAHE LN WDT1.5	10	**1865410000**
DEK 5/6.5 MC NE WS	900	**1609840000**
WS 8/5 MC NE WS	720	**1640740000**

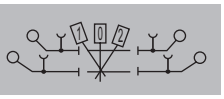
For detailed information on other accessories and application in the online catalogue

WDT 1.5/3 — 1.5 mm²

Disconnection lower level or both levels



6.4 x 112 x 66
10 / 2.5
0.13...2.5



IEC 60947-7-1

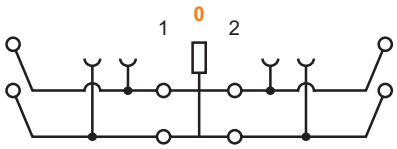
IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

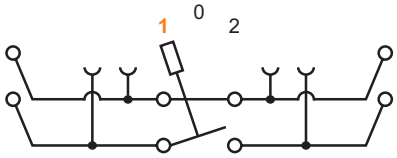
Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000

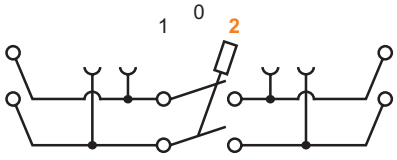
Switching position / Schaltposition 0



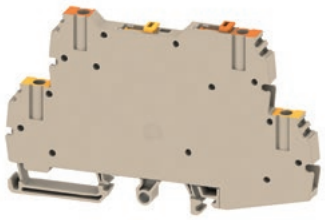
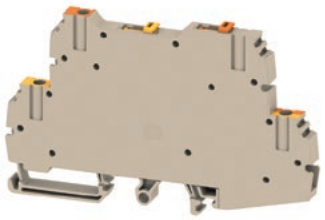
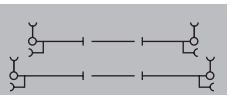
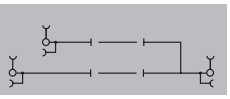
Switching position / Schaltposition 1



Switching position / Schaltposition 2



Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WDTR 2.5	2.5 mm²	WDTR 2.5/WE	2.5 mm²
				
Width/Height/Depth mm	6.15 x 94 x 65		6.15 x 94 x 65	
max. current / max. cond. cross-section A/mm²	**17 / 4**		**17 / 4**	
Max. clamping range mm²	**0.05...4** 		**0.05...4** 	

Technical data

	WDTR 2.5	2.5 mm²	WDTR 2.5/WE	2.5 mm²
Rated data	IEC 60947-7-1		IEC 60947-7-1	
Rated voltage of feed-through terminal V	IEC: 500		IEC: 500	
Rated current A	UL: 150		UL: 150	
for wire cross-section mm²	CSA: 300		CSA: 300	
Rated impulse withstand voltage / Pollution severity	EN 60079-7:		EN 60079-7:	
Gauge to IEC 60947-1 / UL 94 flammability rating	500 / 150 / 300		500 / 150 / 300	
Number of operating cycles	17 / 20 / 17		17 / 20 / 17	
Approvals	2.5 / AWG 30...12 / AWG 26...12		2.5 / AWG 30...12 / AWG 26...12	
	6 kV / 3		6 kV / 3	
	A3 / V-0		A3 / V-0	
	CE cULus UKCA		CE cULus UKCA	
Clamped conductors	**Rated connection**		**Rated connection**	
Solid / Stranded mm²	0.5...4 / 1.5...4		0.5...4 / 1.5...4	
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5		0.5...2.5 / 0.5...2.5	
Tightening torque / Clamping screw Nm	0.5...0.6 /		0.5...0.6 /	
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm		8 / 0.6 x 3.5 mm	
Note				

Ordering data

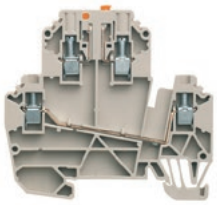
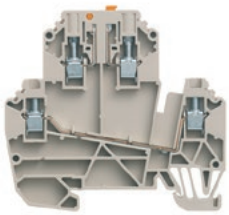
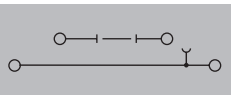
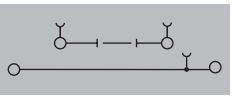
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDTR 2.5	25	**2456000000**	WDTR 2.5/WE	25	**2456020000**
without STB	WDTR 2.5 0.STB	25	**2456030000**			
Blue	WDTR 2.5 BL	25	**2456010000**			
Blue, without STB	WDTR 2.5 0.STB BL	25	**2910900000**			
Black	WDTR 2.5 BK	25	**2851080000**			
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Cross-connector								
black	VQB 1.5/50 SW	17.5 A	5	**1635120000**	VQB 1.5/50 SW	17.5 A	5	**1635120000**
red	VQB 1.5/50 RT	17.5 A	5	**1633290000**	VQB 1.5/50 RT	17.5 A	5	**1633290000**
blue	VQB 1.5/50 BL	17.5 A	5	**1633280000**	VQB 1.5/50 BL	17.5 A	5	**1633280000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
black	WEW 35/2 SW		50	**1061210000**	WEW 35/2 SW		50	**1061210000**
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug								
removable, as replacement for release lever	TNST	20 A	50	**1833090000**	TNST	20 A	50	**1833090000**
orange	TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)								
	WSD 2.5/SCAN WTR2.5		25	**1058760000**	WSD 2.5/SCAN WTR2.5		25	**1058760000**
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D		50	**1878560000**	BEST/D		50	**1878560000**
with wire jumper	BEST/DRBR		50	**1878570000**	BEST/DRBR		50	**1878570000**
Marking tags								
	WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WDK 2.5/TR-DU	2.5 mm²	WDK 2.5/TR-DU/STB	2.5 mm²
				
Width/Height/Depth mm	5.1 x 72.5 x 67.5		5.1 x 72.5 x 67.5	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.5...4** 		**0.5...4** 	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 30...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 30...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU	50	1247290000
without isolator, dark beige	WDK 2.5/TR-DU/O TNHE	50	1833600000

Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU STB	50	1247310000

Note

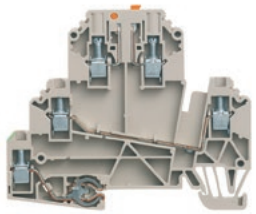
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
with wire jumper	BEST/DRBR	22 A	50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test plug				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	WS 8/5 MM WS		800	2007150000

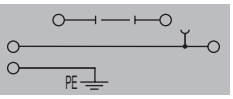
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
with wire jumper	BEST/DRBR	22 A	50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

WDK 2.5/TR-DU-PE — 2.5 mm²



5.1 x 80.5 x 67.5
24 / 4
0.5...4



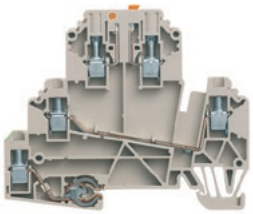
IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 30...12		
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
8 / 0.6 x 3.5 mm

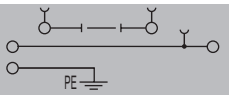
Type	Qty.	Order No.
WDK 2.5/TR-DU-PE	50	**1247420000**
WDK 2.5/TR-DU-PE/O TNHE	50	**1833640000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK 2.5N/TR-DU		50	**1839850000**
WEW 35/1		50	**1059000000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/D	1 A	50	**1878560000**
BEST/DRBR	22 A	50	**1878570000**
TNST	20 A	50	**1833090000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5/TR-DU-PE/STB — 2.5 mm²



5.1 x 80.5 x 67.5
24 / 4
0.5...4



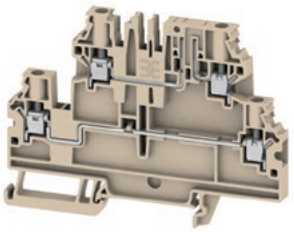
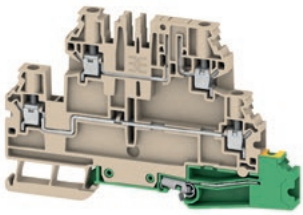
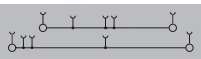
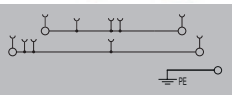
IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 30...12		
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE STB	50	**1247430000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK 2.5N/TR-DU		50	**1839850000**
WEW 35/1		50	**1059000000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/D	1 A	50	**1878560000**
BEST/DRBR	22 A	50	**1878570000**
TNST	20 A	50	**1833090000**
SDS 0.6X3.5X100		1	**2749340000**
PS 2.3 RT	20 mA	20	**0180400000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	W2T 4 FT-FT	4 mm²	W2T 4 FT-FT-PE	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 72.5		6.1 x 106.5 x 72.5	
max. current / max. cond. cross-section A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

	IEC 60947-7-1				IEC 60947-7-1			
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	500				500			
Rated current A	28				28			
for wire cross-section mm²	4				4			
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.25...6 / 0.25...6				0.25...6 / 0.25...6			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4				0.25...6 / 0.25...4			
Twin wire-end ferrule mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note								

Ordering data

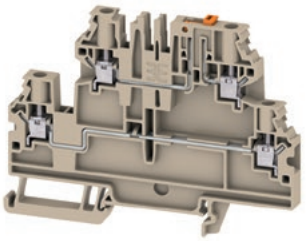
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	W2T 4 FT-FT	50	**3019380000**	W2T 4 FT-FT-PE	50	**3019400000**
Blue						
Black						
Note						

Accessories

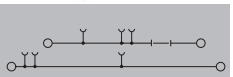
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2T 4		20	**2894240000**	WEP 2T 4		20	**2894240000**
Black	WEP 2T 4 BK		20	**2894260000**	WEP 2T 4 BK		20	**2894260000**
blue	WEP 2T 4 BL		20	**2894250000**	WEP 2T 4 BL		20	**2894250000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED								
10 - 36 V AC/DC, red LED								
35 - 70 V AC/DC, red LED								
60 - 150 V AC/DC, red LED								
140 - 250 V AC/DC, red LED								
Disconnect plug								
orange								
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)								
without fittings								
With 1N4007 diode								
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2T 4 DT-FT — 4 mm²



6.1 x 95.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1

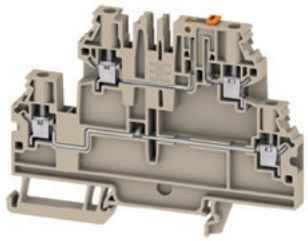
IEC	UL	CSA	EN 60079-7
500		300	550
28		20	23
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

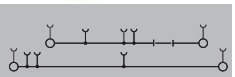
Type	Qty.	Order No.
W2T 4 DT-FT	50	2893690000
W2T 4 DT-FT BL	50	2893700000
W2T 4 DT-FT BK	50	2893710000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BK		20	2894260000
WEP 2T 4 BL		20	2894250000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
DTLE 2.5/4		25	2910530000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2T 4 DT-FT STB — 4 mm²



6.1 x 95.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1

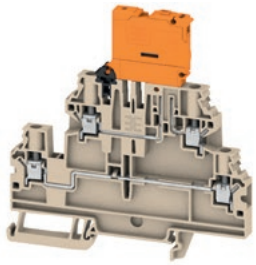
IEC	UL	CSA	EN 60079-7
500		300	550
28		20	23
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

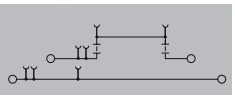
Type	Qty.	Order No.
W2T 4 DT-FT STB	50	2893720000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BK		20	2894260000
WEP 2T 4 BL		20	2894250000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
DTLE 2.5/4		25	2910530000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2T 4 DTCA-FT — 4 mm²



6.1 x 95.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1

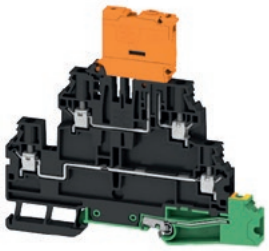
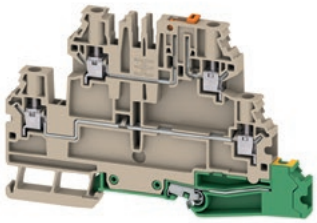
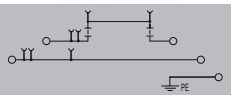
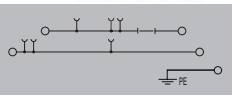
IEC	UL	CSA	EN 60079-7
500			
28			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2T 4 DTCA-FT DB	50	3019300000
W2T 4 DTCA-FT BL	50	3019320000
W2T 4 DTCA-FT BK	50	3019340000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BK		20	2894260000
WEP 2T 4 BL		20	2894250000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
DTLE 2.5/4		25	2910530000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

		W2T 4 DTCA-FT-PE	4 mm²	W2T 4 DT-FT-PE	4 mm²
					
Width/Height/Depth	mm	6.1 x 106.5 x 72.5		6.1 x 106.5 x 72.5	
max. current / max. cond. cross-section	A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range	mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500			
Rated current	A	28			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note					

Rated data		IEC 60947-7-1, IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	550
Rated current	A	28		20	23
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals		CE cULus Ex UKCA			
Clamped conductors					
Solid / Stranded	mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	dark beige			
	Blue			
	Black	W2T 4 DTCA-FT-PE BK	50	**3019360000**
Note				

Type	Qty.	Order No.
W2T 4 DT-FT-PE	50	**2893730000**

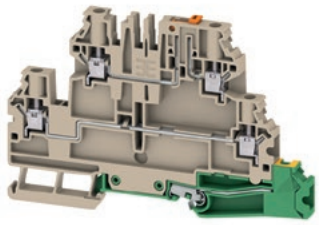
Accessories

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 4N/2	32 A	60	**1527930000**
	10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate					
	dark beige	WEP 2T 4		20	**2894240000**
	Black	WEP 2T 4 BK		20	**2894260000**
	blue	WEP 2T 4 BL		20	**2894250000**
End bracket					
	dark beige	WEW 35/2		50	**1061200000**
Screwdriver					
	Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm					
	400 V AC/DC, without LED				
	10 - 36 V AC/DC, red LED				
	35 - 70 V AC/DC, red LED				
	60 - 150 V AC/DC, red LED				
	140 - 250 V AC/DC, red LED				
Disconnect plug					
	orange				
Switch lock					
	red	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)					
	without fittings				
	With 1N4007 diode				
Marking tags					
		WS 8/6 MM WS		600	**2007160000**
		DEK 5/6 MM WS		600	**2007120000**
		DEK 5/6 PLUS MC NE WS		1000	**1011320000**
		DEK 5/5 MC NE WS		1000	**1609801044**

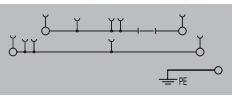
Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WEP 2T 4		20	**2894240000**
WEP 2T 4 BK		20	**2894260000**
WEP 2T 4 BL		20	**2894250000**
WEW 35/2		50	**1061200000**
SDS 0.6X3.5X100		1	**2749340000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 35-70V		25	**7921580000**
SIHA 3/G20/LD 60-150V		25	**7921590000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
TNST OR	20 A	50	**2463540000**
DTLE 2.5/4		25	**2910530000**
BEST		50	**1833100000**
BEST/D	1 A	50	**1878560000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**
DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2T 4 DT-FT-PE STB — 4 mm²



6.1 x 106.5 x 72.5
28 / 6
0.25...6



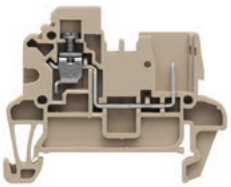
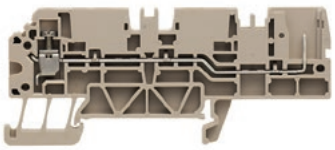
IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	550
28		20	23
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2T 4 DT-FT-PE STB	50	2893740000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BK		20	2894260000
WEP 2T 4 BL		20	2894250000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
DTLE 2.5/4		25	2910530000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

	WT 2.5	WDT 2.5 BT
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 50.5 x 40	5.1 x 85.5 x 36
max. current / max. cond. cross-section A/mm²	27 / 4	27 / 4
Max. clamping range mm²	0.13...4	0.13...4

Technical data

Rated data	WT 2.5	WDT 2.5 BT
Rated voltage of feed-through terminal V	IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984
Rated current A	IEC 500 / UL 300 / CSA 300 / EN 60079-7	IEC 500 / UL 300 / CSA 300 / EN 60079-7
for wire cross-section mm²	24 / 20 / 20	24 / 20 / 20
Rated impulse withstand voltage / Pollution severity	2.5 / AWG 26...12 / AWG 16...12	2.5 / AWG 26...12 / AWG 26...12
Gauge to IEC 60947-1 / UL 94 flammability rating	6 kV / 3	6 kV / 3
Approvals	A4 / V-0	A4 / V-0
	CE cULus UKCA	CE cULus UKCA
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size mm/-	7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm
Note		

Ordering data

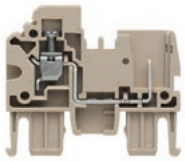
	Type	Qty.	Order No.	Type	Qty.	Order No.
	WT 2.5	50	1305330000	WDT 2.5 BT	50	1305310000
Plug-in connector	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	WP 2.5/1AN/1	50	1305270000	WP 2.5/1AN/1	50	1305270000
	WP 2.5/1AN/10	50	1305280000	WP 2.5/1AN/10	50	1305280000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
	WAP WDT 2.5 AT		50	1305250000	WAP WDT 2.5 BT		50	1305240000
Cover								
					AH WDT 2.5 BT		50	1305230000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Strain relief								
	APGSR 2.5/4		25	2457580000	APGSR 2.5/4		25	2457580000
Coding								
	APGCE		50	1514490000	APGCE		50	1514490000
Interlock								
	APGLE 2.5/4		25	2457570000	APGLE 2.5/4		25	2457570000
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
Plug								
dark beige					WDT 2.5 AT	24 A	50	1305320000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
Vertical jumpers								
1-pole								

For detailed information on other accessories and application in the online catalogue

WDT 2.5 AT — 2.5 mm²



5.1 x 42 x 24.6
27 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

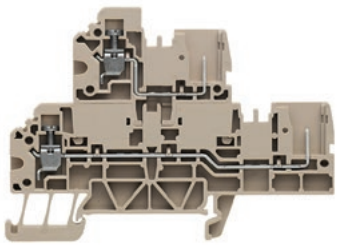
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5 AT	50	1305320000

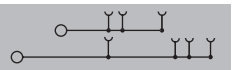
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5 AT		50	1305250000
APGSR 2.5/4		25	2457580000
APGCE		50	1514490000
APGLE 2.5/4		25	2457570000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

WDT 2.5/2 — 2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

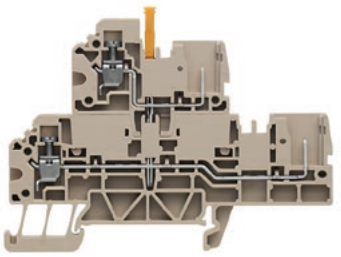
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5/2	50	1305290000

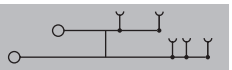
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5/2		50	1305260000
WEW 35/2		50	1061200000
APGSR 2.5/4		25	2457580000
APGCE		50	1514490000
APGLE 2.5/4		25	2457570000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000
ZVQ 2.5/1.5	24 A	50	1720700000

WDT 2.5/2 V — 2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20.1	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

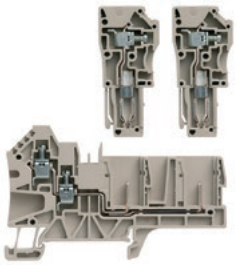
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5/2 V	50	1305300000

Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5/2		50	1305260000
WEW 35/2		50	1061200000
APGSR 2.5/4		25	2457580000
APGCE		50	1514490000
APGLE 2.5/4		25	2457570000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
WS 8/5 MM WS		800	2007150000

WT4 4 AN/2 — 4 mm²



Width/Height/Depth	mm	6.1 x 84.3 x 50
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.5...6**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600		
Rated current A	32	30		
for wire cross-section mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals				

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...6 / 0.5...6	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)	
Stripping length / Blade size mm/-	9 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WT4 4AN/2	50	**1107680000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP WT4/4AN/2		50	**1107780000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4		25	**1855250000**
Coding element	KOSF ZT4		50	**1856860000**
Strain relief	ZZE ZP4		25	**1855260000**
Plug-in connector				
	WP4/1AN/1	32 A	50	**1107790000**
	WP4/1AN/1 ZA	32 A	50	**1108490000**
	WP4/1AN/10	32 A	10	**1107800000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

Single plates for individual assembly

WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Single plates, plug ZP 2.5/1AN
- Marking option

Ordering data
2.5 mm²
4.0 mm²
Note

WP 2.5/1AN/1

Start plate

Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP4/1AN/1	50	1107790000

WP 2.5/1AN ZA 0.RA

Middle plate or end plate

Type	Qty.	Order No.
WP 2.5/1AN/1 ZA 0.RA	50	1351000000

WP 2.5/1AN ZA

Middle plate or end plate

Type	Qty.	Order No.
WP 2.5/1AN/1 ZA	50	1350990000
WP4/1AN/1 ZA	50	1108490000

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm²
4.0 mm²
Note

Coding

Coding elements

Type	Qty.	Order No.
APGCE	50	1514490000
KOSF ZT4	50	1856860000

Application

Interlock

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

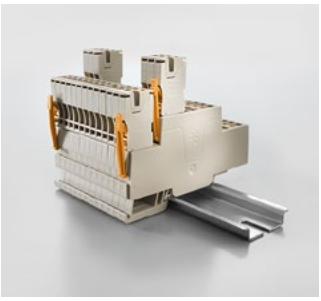
Ordering data
2.5 mm² / 4 mm²
Note

APGLE

Locking element

Type	Qty.	Order No.
APGLE 2.5/4	25	2457570000

Application APGLE



Strain reliefs / Protective cover

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

Ordering data
2.5 mm²
2.5 mm² / 4 mm²
2.5 mm² / 4 mm²
2.5 mm² / 4 mm²
4.0 mm²
Note

APGSR

Strain reliefs

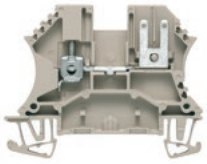
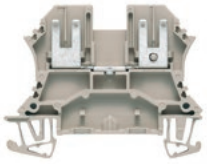
Type	Qty.	Order No.
APGSR 2.5/4	25	**2457580000**
APGSR 2.5/4 - 4P	25	**2457590000**
APGSR 2.5/4 - 8P	25	**2457600000**
ZVR ZP4	25	**1855250000**

ZAD ZT / ZPS

Protective cover

Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	**1861030000**

Application APGSR

	WDU 2.5 F	2.5 mm²	WDU 2.5 FF 2*2.8	1 mm²
				
Width/Height/Depth mm	5.1 x 60 x 46.25		5.1 x 60 x 46.25	
max. current / max. cond. cross-section A/mm²	12 / 4		12 / 4	
Max. clamping range mm²	0.13...4		0.5...4	

Technical data

	WDU 2.5 F	WDU 2.5 FF 2*2.8
Rated data		
Rated voltage V	IEC 61210, In accordance with IEC 60947-7-1	IEC 61210, In accordance with IEC 60947-7-1
Rated current A	500	500
for wire cross-section mm²	12	12
Rated impulse withstand voltage / Pollution severity	2.5	1
Gauge to IEC 60947-1 / UL 94 flammability rating	6 kV / 3	6 kV / 3
Approvals	A3 / V-0	/ V-0
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4
Tightening torque / Clamping screw Nm	0.4...0.8 / (M 2.5)	/
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	
Note		

IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
2.5	AWG 22...12	AWG 26...12	

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 / (M 2.5)	
10 / 0.6 x 3.5 mm	

IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
1	AWG 22...14	AWG 26...12	

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4	
/	

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 2.5 F 2X2.8	100	1021800000
Note			

Type	Qty.	Order No.
WDU 2.5 FF 2X2.8	100	1021900000

Accessories

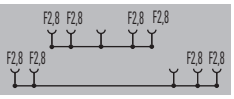
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige	WEW 35/2		50	1061200000
Cover				
With lightning flash symbol	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

WDK 2.5 FF — 1 mm²

Width/Height/Depth	5.1 x 75.5 x 62.5 mm
max. current / max. cond. cross-section	12 / 1 A/mm²
Max. clamping range	0.05...1 mm²



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	-
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
400		300	
12		10	
1		AWG 26...12	
		6 kV / 3	
		/ V-0	
CE cULus UKCA			
Rated connection		**Plug-in connection**	
0.5...4 / 0.5...4			
0.5...4			
/			
10 /			

Note

IEC 61210, In accordance with IEC 60947-7-1

Ordering data

Version
dark beige

Note

Type	Qty.	Order No.
WDK 2.5 FF	50	1021700000

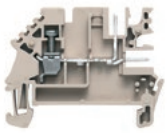
Accessories

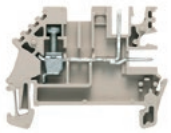
Screwable cross-connection			
2-pole			
10-pole			
End plate / Partition plate			
dark beige			
Blue			
dark beige			
End bracket			
dark beige			
Cover			
With lightning flash symbol			
Blank, white			
Marking tags			

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WAP WDK2.5 BL		20	1059180000
WTW EN		20	1058800000
WEW 35/2		50	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
WS 8/5 MM WS		800	2007150000

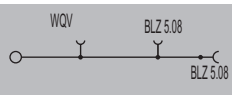
For detailed information on other accessories and application in the online catalogue

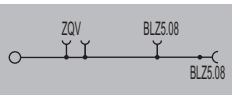
	WDU 1.5 BLZ 5.08 WQV	1.5 mm²	WDU 1.5 BLZ 5.08 ZQV	1.5 mm²





Width/Height/Depth	mm	5.08 x 49 x 37	5.08 x 49 x 37
max. current / max. cond. cross-section	A/mm²	16 / 4	16 / 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Rated current	A	16	20	10	
for wire cross-section	mm²	1.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					

IEC 61210, In accordance with IEC 60947-7-1

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

Note

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Rated current	A	16	20	20	
for wire cross-section	mm²	1.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					

IEC 61984, In accordance with IEC 60947-7-1

Clamped conductors	Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/BLZ 5.08	100	1577340000

Note

Version	Type	Qty.	Order No.
	WDU 1.5/ZQV/BLZ 5.08	100	1784460000

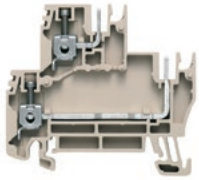
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
Without peg	WAP WDU1.5/BLZ		50	1577330000
With spigot	WAP WDU1.5/BLZ/ZA		50	1577320000
End bracket				
dark beige	WEW 35/2		50	1061200000
dark beige, screwable				
Mounting block for socket connector				
Without peg	WBB WDU1.5/BL...		10	1068160000
With spigot	WBB ZA WDU1.5/BL 10/10		10	1068260000
Plug-in connector				
	BLZP 5.08HC/04/180 SN OR BX		90	1943600000
	BLZP 5.08HC/06/180 SN OR BX		60	1943620000
	BLZP 5.08HC/08/180 SN OR BX		42	1943640000
	BLZP 5.08HC/04/180F SN OR BX		60	1944110000
	BLZP 5.08HC/06/180F SN OR BX		42	1944130000
	BLZP 5.08HC/08/180F SN OR BX		36	1944150000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC SDR		144	1609870000
	WS 8/5 MM WS		800	2007150000
Miscellaneous accessories				
Cover for unused pins				

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDU1.5/BLZ		50	1577330000
WAP WDU1.5/BLZ/ZA		50	1577320000
WEW 35/2		50	1061200000
WBB WDU1.5/BL...		10	1068160000
WBB ZA WDU1.5/BL 10/10		10	1068260000
BLZP 5.08HC/04/180 SN OR BX		90	1943600000
BLZP 5.08HC/06/180 SN OR BX		60	1943620000
BLZP 5.08HC/08/180 SN OR BX		42	1943640000
BLZP 5.08HC/04/180F SN OR BX		60	1944110000
BLZP 5.08HC/06/180F SN OR BX		42	1944130000
BLZP 5.08HC/08/180F SN OR BX		36	1944150000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC SDR		144	1609870000
WS 8/5 MM WS		800	2007150000
SCHT 7		20	0517960000
ZGB 30		20	1611930000

For detailed information on other accessories and application in the online catalogue

WDK 2.5 BLZ/5.08 — 2.5 mm²



5.08 x 58 x 52.5
18 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

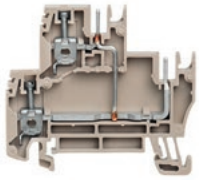
IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

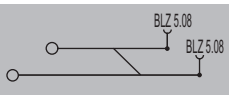
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	50	1034400000

Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WAD WDU1.5/BLZ/BLA	20	1577400000

WDK 2.5 BLZ/5.08/ZA V — 2.5 mm²



5.08 x 58 x 52.5
18 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

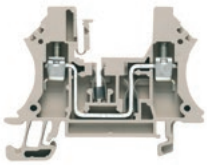
IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

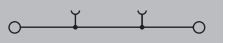
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	50	1027410000

Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WAD WDU1.5/BLZ/BLA	20	1577400000

WPO 4 — 4 mm²



Width/Height/Depth	6 x 60 x 46.5 mm
max. current / max. cond. cross-section	**32 / 4** A/mm²
Max. clamping range	**0.13...4** mm²



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
32	10	10	
4	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
8 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	dark beige

Note

Type	Qty.	Order No.
WPO 4	50	**1036000000**

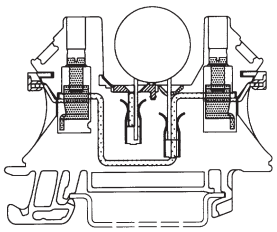
Accessories

Intermediate frame		
	Thickness 2.5 mm	
Busbar		
	1 m	
Marking tags		

Type	Qty.	Order No.
ZR WPO4 DB	20	**1071100000**
SSCH 7.3X1.2X1000	1	**1071200000**
DEK 5/6 MC NE WS	1000	**1609820000**
WS 12/5 MC NE WS	720	**1609860000**
DEK 5/6 MM WS	600	**2007120000**
WS 8/6 MM WS	600	**2007160000**

For detailed information on other accessories and application in the online catalogue

WPO 4 with varistor

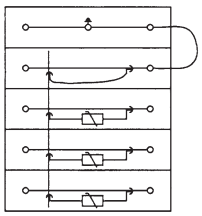


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.
These “electronic terminals” no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

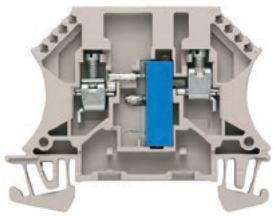
- **Cost saving:**
  Components can be changed quickly on site.
  Service requires only a visual inspection.
- **Clarity:**
  Components are easy to distinguish.
- **Flexibility:**
  Components can immediately be adapted to changed conditions.

Note:
Never change eletronic components under load!

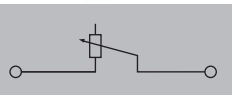


Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

WDUL 4/... 4 mm²



Width/Height/Depth	6.5 x 60 x 46.5
max. current / max. cond. cross-section	**6 / 6**
Max. clamping range	**0.13...6**



Technical data

Rated data	IEC 60947-7-1
Rated voltage	V
Rated current	mA
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Component potentiometer	
Type potentiometer	
Resistance	
Tolerance (%)	
Note	

IEC	UL	CSA	EN 60079-7
250			
120			
4			
		/ 3	
		A4 / V-0	

CE UK CA

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.6...0.8 / (M 3)
9 / 0.6 x 3.5 mm
Trim potentiometer, linear
10Ω
10%

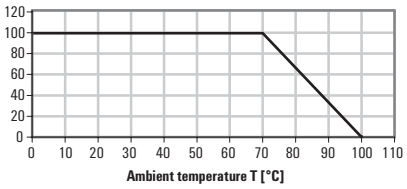
Technical data for the 10 Ω compensating resistor

Resistor material: "Cermet"
Resistor setting range: 0...10 Ω
Wave form: linear
Temperature coefficient: 100 ppm/°C
Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range
Resistance change per spindle turn: ≈ 0,4 Ω
Rated output for total resistance: 1 watt at 70 °C
Rated current: 300 mA
Ambient temperature: -55 °C to +70 °C
Ingress (seal) protection:
1) Leak tested in water at 70 °C without bubble formation
2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Ordering data

Version	**Type**	**Qty.**	**Order No.**
10 Ω	WDUL 4/10	10	**1027000000**
100 Ω	WDUL 4/100	10	**1027300000**
500 Ω	WDUL 4/500	10	**1027400000**
1 kΩ	WDUL 4/1K	10	**1027500000**
5 kΩ	WDUL 4/5K	10	**1027600000**
10 kΩ	WDUL 4/10K	10	**1027700000**
50 kΩ	WDUL 4/50K	10	**1027800000**
500 kΩ	WDUL 4/500K	10	**1028000000**
without potentiometer	WDUL 4	10	**8161820000**
Note			

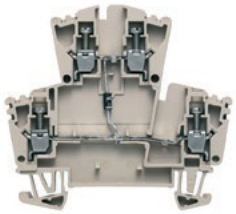
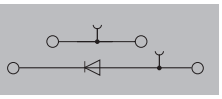
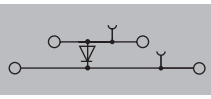
Capacity expressed in % of rated load



Accessories

End plate / Partition plate	**Type**	**Qty.**	**Order No.**
dark beige	WAP 2.5-10	50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10	20	**1050100000**
End bracket			
dark beige	WEW 35/2	50	**1061200000**
Screwdriver			
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET	1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100	1	**2749340000**
Shield bus			
	LS 2.8 WDU2.5-10	100	**1056400000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	WDK 2.5/D	2.5 mm²	WDK 2.5/D/1	2.5 mm²
				
Width/Height/Depth mm	5.1 x 69 x 62.5		5.1 x 69 x 62.5	
max. current / max. cond. cross-section A/mm²	**0.5 / 4**		**0.5 / 4**	
Max. clamping range mm²	**0.05...4**		**0.05...4**	

Technical data

Rated data						
Rated voltage of feed-through terminal	V	IEC 60947-7-1				
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	mm²	400	300			
Rated impulse withstand voltage / Pollution severity		0.5	20			
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 22...12			
Component 1			6 kV / 3			
Approvals			A3 / V-0			
			Diode 1N 4007 /			
		CE cULus UKCA				
Clamped conductors		**Rated connection**				
Solid / Stranded	mm²	0.5...4 / 1.5...4				
Flexible / Flexible with ferrule	mm²	0.5...4				
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Component diode						
Type diode		1N4007				
Forward current		1A				
Reverse voltage		1300V				
Forward voltage		0.7V				
Note						

		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
		400	300	300		
		0.5	20	1		
		2.5	AWG 22...12	AWG 26...12		
			6 kV / 3			
			A3 / V-0			
			Diode 1N 4007 /			
		CE cULus UKCA				
		Rated connection				
		0.5...4 / 1.5...4				
		0.5...4				
		0.4...0.6 / (M 2.5)				
		10 / 0.6 x 3.5 mm				
		1N4007				
		1A				
		1300V				
		0.7V				

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 1D	25	**8025610000**
dark beige (red LED)			
dark beige (green LED)			
Note			

Type	Qty.	Order No.
WDK 2.5 1D A.1	25	**1023400000**

Accessories

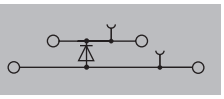
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	WS 8/5 MM WS		800	**2007150000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

WDK 2.5/D/2 — 2.5 mm²

5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	1	
2.5	AWG 22...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

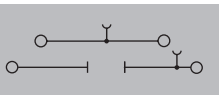
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY CUT AND STRIP SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
WS 8/5 MM WS		800	2007150000

WDK 2.5/D/3 — 2.5 mm²

5.1 x 69 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
	6 kV / 3		
	A3 / V-0		

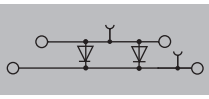
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/D/3	50	1023100000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY CUT AND STRIP SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
WS 8/5 MM WS		800	2007150000

WDK 2.5/D/4 — 2.5 mm²

5.1 x 69 x 62.5
0.5 / 4
0.05...4



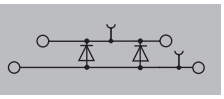
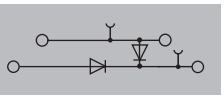
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
0.5	20		
2.5	AWG 22...12		
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 / Diode 1N 4007		

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY CUT AND STRIP SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
WS 8/5 MM WS		800	2007150000

	WDK 2.5/D/5	2.5 mm²	WDK 2.5/D/6	2.5 mm²
Width/Height/Depth mm	5.1 x 69 x 62.5		5.1 x 69 x 62.5	
max. current / max. cond. cross-section A/mm²	**0.5 / 4**		**0.5 / 4**	
Max. clamping range mm²	**0.05...4**		**0.05...4**	

Technical data

	WDK 2.5/D/5	WDK 2.5/D/6
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Component 1		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque / Clamping screw Nm		
Stripping length / Blade size mm/-		
Component diode		
Type diode		
Forward current		
Reverse voltage		
Forward voltage		

IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			

Rated connection	
0.5...4 / 1.5...4	
0.5...4	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
1N4007	
1A	
1300V	
0.7V	

IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			

Rated connection	
0.5...4 / 1.5...4	
0.5...4	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
1N4007	
1A	
1300V	
0.7V	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 2D 2.A	25	**1022600000**
dark beige (red LED)			
dark beige (green LED)			

Note

Type	Qty.	Order No.
WDK 2.5 2D	25	**1023500000**

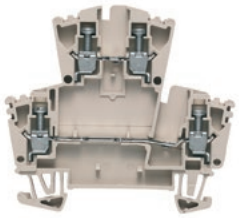
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	WS 8/5 MM WS		800	**2007150000**

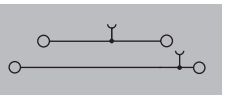
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

WDK 2.5/D — 2.5 mm²



5.1 x 69.5 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

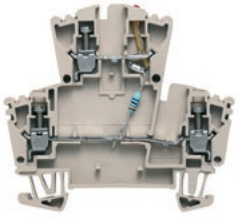
IEC	UL	CSA	EN 60079-7
400			
10			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

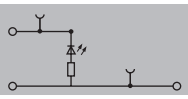
Type	Qty.	Order No.
WDK 2.5/D	100	**1023200000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5 LD + - — 2.5 mm²



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

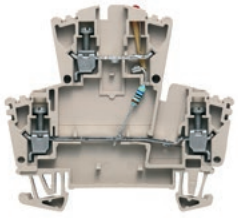
IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
	0.8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

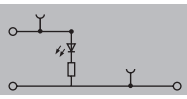
Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	**1023600000**
WDK 2.5 LD/GN 1R 24VDC	25	**8023610000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5 LD - + — 2.5 mm²



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

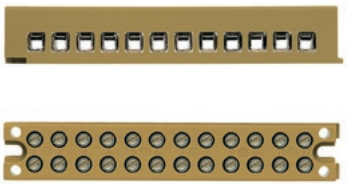
IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
	0.8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 /
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC -+	25	**8023630000**
WDK 2.5 LD GR 1R 24VDC	25	**8010040000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
WS 8/5 MM WS		800	**2007150000**

	MK 2/12	2.5 mm²	MK 3/2...12	2.5 mm²



Width/Height/Depth	mm	15 x 86 x 15	
max. current / max. cond. cross-section	A/mm²	**24 / 4**	
Max. clamping range	mm²	**0.2...4**	

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	125	300	300	
Rated current	24	10	10	
for wire cross-section	2.5	AWG 24...12	AWG 24...12	
Rated impulse withstand voltage / Pollution severity		2.5 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-2		
Approvals				
Clamped conductors	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	...0.4 / (M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm			

Note

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	400	300	300	
Rated current	24	20	25	
for wire cross-section	2.5	AWG 22...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / 5VA		
Approvals				
Clamped conductors	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	0.4...0.45 / (M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm			

Note

Ordering data

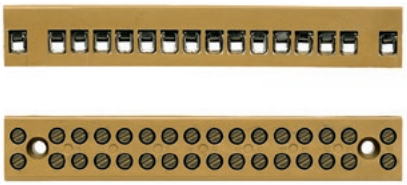
	Type	Height	Mounting	Qty.	Order No.
2-pole					
3-pole					
4-pole					
5-pole					
6-pole					
7-pole					
8-pole					
10-pole					
12-pole	MK 2/12	86	80	50	**0241260000**
16-pole					

Note

Type	Height	Mounting	Qty.	Order No.
MK 3/2	15	18.5	100	**0273820000**
MK 3/3	15	18.5	50	**0273920000**
MK 3/4	15	18.5	50	**0274020000**
MK 3/5	15	18.5	50	**0274120000**
MK 3/6	15	37	50	**0274220000**
MK 3/7	15	37	50	**0274320000**
MK 3/8	15	55.5	25	**0274420000**
MK 3/10	15	74	20	**0274620000**
MK 3/12	15	92.5	20	**0243520000**

For detailed information on other accessories and application in the online catalogue

MK 4/16 — 2.5 mm²



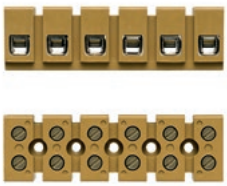
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	150	
24	15	15	
2.5	AWG 24...12	AWG 22...12	
	6 kV / 3		
	A2 / 5VA		

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
0.4...0.45 / (M 2.5)
5 / 0.6 x 3.5 mm

Type	Height	Mounting	Qty.	Order No.
MK 4/16	16	85.5	20	**0244220000**

MK 6/2...6/6 — 6 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300	300	
41	30	40	
6	AWG 22...10	AWG 22...10	
	8 kV / 3		
	A3 / 5VA		

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 / (M 4)
9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2	23		50	**0620420000**
MK 6/3	23	13	50	**0620320000**
MK 6/4	23	26	20	**0620220000**
MK 6/6	23	52	20	**0620120000**

	MK 5/2 0.DE	2.5 mm²	BK 2...12	4 mm²
Width/Height/Depth mm	40 x 14.2 x 18			
max. current / max. cond. cross-section A/mm²	**24 / 4**			
Max. clamping range mm²	**0.2...4**			

Technical data

	MK 5/2 0.DE				BK 2...12			
Rated data								
	IEC 60947-7-1				IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	500		300		400	150	300	
Rated current	24		25		32	20	10	
for wire cross-section	2.5		AWG 20...14		4	AWG 26...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / 5VA				A3 / V-0, 5VA			
Approvals								
Clamped conductors								
	Rated connection				**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5				0.5...4 / 0.5...4			
Tightening torque / Clamping screw	0.4/ (M 2.5)				0.5...0.6 / (M 3)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm				8 / 4.0 x 0.8 mm			
Note					Two solid (single-core) conductors of equal cross-section (0.5 .. 1.5 mm²) can be connected.			

Ordering data

	MK 5/2 0.DE					BK 2...12				
	Type	**Height**	**Mounting**	**Qty.**	**Order No.**	**Type**	**Height**	**Mounting**	**Qty.**	**Order No.**
2-pole	MK 5/2 0.DE	14.2	32	100	**0243820000**	BK 2 CRN	22		100	**0624720000**
3-pole						BK 3 CRN	22	11	100	**0624920000**
4-pole						BK 4 CRN	22	18	100	**0625120000**
6-pole						BK 6 CRN	22	32	50	**0625220000**
12-pole						BK 12 CRN	22	72.5	25	**0625320000**
Note										

Accessories

	MK 5/2 0.DE		
Lid / cover	**Type**	**Qty.**	**Order No.**
	D 2 MK5/2 PA/NA	50	**0244060000**

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping-yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

	BK 2...12/E	4 mm²	MK 3/2...12/E	2.5 mm²
Width/Height/Depth mm	92 x 22 x 20			
max. current / max. cond. cross-section A/mm²	**32 / 4**			
Max. clamping range mm²	**0.33...4**			

Technical data

	BK 2...12/E				MK 3/2...12/E			
	IEC 60947-7-1		Ex eb II C Gbll 2 G D		IEC 60947-7-1		Ex eb II C Gbll 2 G D	
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	400	150	300	275	400	300	300	275
Rated current	32	20	10	28	24	20	25	24
for wire cross-section	4	AWG 26...12	AWG 22...12	4 mm²	2.5	AWG 22...12	AWG 22...12	4 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA				A2 / 5VA			
Approvals	BAS 98ATEX3084 U				BAS 99ATEX2124 U			
Clamped conductors								
Solid / Stranded	0.5...4 / 1.5...4				0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...4 / 0.5...4				0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	0.5...0.6 / (M 3)				0.4...0.45 / (M 2.5)			
Stripping length / Blade size	8 / 4.0 x 0.8 mm				5 / 0.6 x 3.5 mm			
Note	Two solid (single-core) conductors of equal cross-section (0.5 .. 1.5 mm²) can be connected.							

Ordering data

	BK 2...12/E				MK 3/2...12/E			
	Type	**Height**	**Mounting**	**Qty.**	**Type**	**Height**	**Mounting**	**Qty.**
2-pole	BK 2/E	22		100	MK 3/2/E	15	18.5	100
3-pole	BK 3/E	22	11	100	MK 3/3/E	15	18.5	50
4-pole	BK 4/E	22	18	100	MK 3/4/E	15	18.5	50
5-pole								
6-pole	BK 6/E	22	32	50	MK 3/6/E	15	37	50
8-pole					MK 3/8/E	15	55.5	25
12-pole	BK 12/E	22	72.5	25	MK 3/12/E	16.1	92.5	20
Note	*DU = feed-through terminals, PE = PE terminals							

For detailed information on other accessories and application in the online catalogue

MK 6/2...6/E — 6 mm²

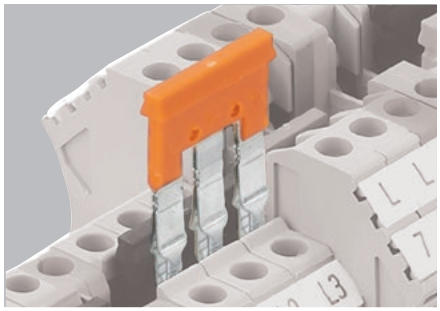
IEC 60947-7-1 — Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
690	300		440
41	30		36
6	AWG 22...10		6 mm²
	8 kV / 3		
	A3 / 5VA		
			BAS 99ATEX2123 U

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...1.2 / (M 4)
9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2/E	23		50	**7906220000**
MK 6/3/E	23	13	50	**7906230000**
MK 6/4/E	23	26	20	**7906240000**
MK 6/5/E	23	26	20	**7906250000**
MK 6/6/E	23	52	20	**7906260000**

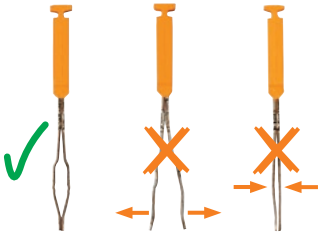
ZQV plug-in cross-connection



Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

Assembly / Technical information

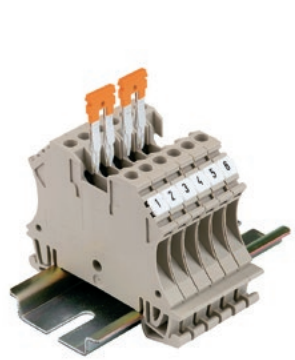
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



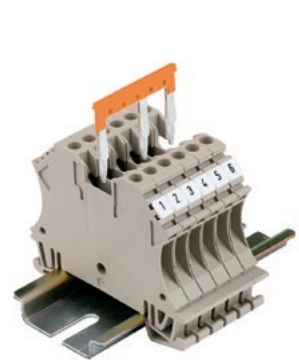
In one cross-connection channel

single

adjacent

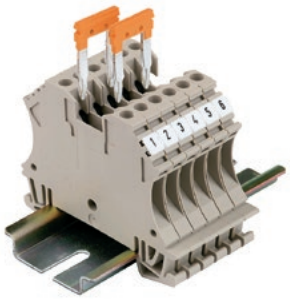


bridging

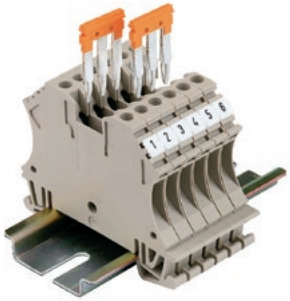


In two cross-connection channels

parallel/bridging



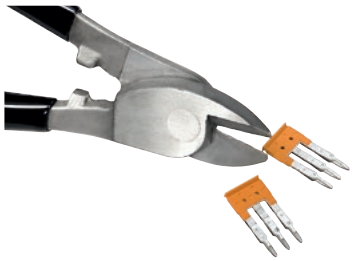
parallel/lengthening



Possible cross-connections of terminals of the same type with corresponding cross-connectors

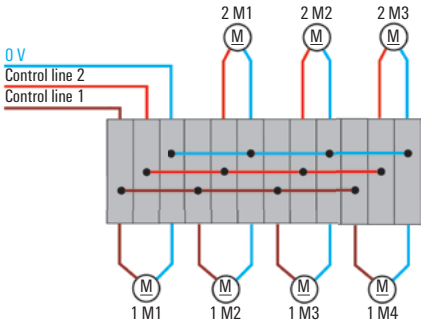
Terminal type Standard	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

Continuous cross-connection
ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



Special features of
WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
  Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
  Important! Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



Important! By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

Cross-connection

ZQV 2.5N

Technical data		
Rated current	A	24
Ordering data		
	2-pole	ZQV 2.5N/2 — 60 — **1527540000**
	3-pole	ZQV 2.5N/3 — 60 — **1527570000**
	4-pole	ZQV 2.5N/4 — 60 — **1527590000**
	5-pole	ZQV 2.5N/5 — 20 — **1527620000**
	6-pole	ZQV 2.5N/6 — 20 — **1527630000**
	7-pole	ZQV 2.5N/7 — 20 — **1527640000**
	8-pole	ZQV 2.5N/8 — 20 — **1527670000**
	9-pole	ZQV 2.5N/9 — 20 — **1527680000**
	10-pole	ZQV 2.5N/10 — 20 — **1527690000**
	20-pole	ZQV 2.5N/20 — 20 — **1527720000**
	41-poles	
	50-pole	ZQV 2.5N/50 — 5 — **1527730000**
Note		

ZQV 4N

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2	60	**1527930000**
ZQV 4N/3	60	**1527940000**
ZQV 4N/4	60	**1527970000**
ZQV 4N/5	60	**1527980000**
ZQV 4N/6	20	**1527990000**
ZQV 4N/7	20	**1528020000**
ZQV 4N/8	20	**1528030000**
ZQV 4N/9	20	**1528070000**
ZQV 4N/10	20	**1528090000**
ZQV 4N/20	20	**2883800000**
ZQV 4N/41	10	**2883810000**
ZQV 4N/50	5	**1528130000**

Technical data		
Rated current	A	24
Ordering data		
	2-pole	ZQV 2.5N/2 BL — 60 — **1527740000**
	3-pole	ZQV 2.5N/3 BL — 60 — **1527770000**
	4-pole	ZQV 2.5N/4 BL — 60 — **1527780000**
	5-pole	ZQV 2.5N/5 BL — 20 — **1527790000**
	6-pole	ZQV 2.5N/6 BL — 20 — **1527820000**
	7-pole	ZQV 2.5N/7 BL — 20 — **1527830000**
	8-pole	ZQV 2.5N/8 BL — 20 — **1527840000**
	9-pole	ZQV 2.5N/9 BL — 20 — **1527870000**
	10-pole	ZQV 2.5N/10 BL — 20 — **1527880000**
	20-pole	ZQV 2.5N/20 BL — 20 — **1527890000**
	41-poles	
	50-pole	ZQV 2.5N/50 BL — 5 — **1527920000**
Note		

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2 BL	60	**1528040000**
ZQV 4N/3 BL	60	**1528080000**
ZQV 4N/4 BL	60	**1528120000**
ZQV 4N/5 BL	60	**1528140000**
ZQV 4N/6 BL	20	**1528170000**
ZQV 4N/7 BL	20	**1528180000**
ZQV 4N/8 BL	20	**1528190000**
ZQV 4N/9 BL	20	**1528220000**
ZQV 4N/10 BL	20	**1528230000**
ZQV 4N/20 BL	20	**2810850000**
ZQV 4N/41 BL	10	**2883820000**
ZQV 4N/50 BL	5	**1528240000**

Technical data		
Rated current	A	24
Ordering data		
	2-pole	ZQV 2.5N/2 RD — 60 — **2108470000**
	3-pole	ZQV 2.5N/3 RD — 60 — **2108690000**
	4-pole	ZQV 2.5N/4 RD — 60 — **2108700000**
	5-pole	ZQV 2.5N/5 RD — 20 — **2108710000**
	6-pole	ZQV 2.5N/6 RD — 20 — **2108720000**
	7-pole	ZQV 2.5N/7 RD — 20 — **2108810000**
	8-pole	ZQV 2.5N/8 RD — 20 — **2108870000**
	9-pole	ZQV 2.5N/9 RD — 20 — **2108900000**
	10-pole	ZQV 2.5N/10 RD — 20 — **2108910000**
	20-pole	ZQV 2.5N/20 RD — 20 — **2108920000**
	41-poles	
	50-pole	ZQV 2.5N/50 RD — 5 — **2109000000**
Note		

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2 RD	60	**2460450000**
ZQV 4N/3 RD	60	**2460810000**
ZQV 4N/4 RD	60	**2460800000**
ZQV 4N/5 RD	60	**2460790000**
ZQV 4N/6 RD	20	**2460780000**
ZQV 4N/7 RD	20	**2460770000**
ZQV 4N/8 RD	20	**2460760000**
ZQV 4N/9 RD	20	**2460750000**
ZQV 4N/10 RD	20	**2460740000**
ZQV 4N/20 RD	20	**2810860000**
ZQV 4N/41 RD	10	**2883840000**
ZQV 4N/50 RD	5	**2460730000**

Cross-connection

ZQV 2.5N

Technical data			
Rated current	A	24	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 WT	60	**2831560000**
3-pole		ZQV 2.5N/3 WT	60	**2831570000**
4-pole		ZQV 2.5N/4 WT	60	**2831580000**
5-pole		ZQV 2.5N/5 WT	20	**2831590000**
6-pole		ZQV 2.5N/6 WT	20	**2831600000**
7-pole		ZQV 2.5N/7 WT	20	**2831610000**
8-pole		ZQV 2.5N/8 WT	20	**2831620000**
9-pole		ZQV 2.5N/9 WT	20	**2831630000**
10-pole		ZQV 2.5N/10 WT	20	**2831640000**
20-pole		ZQV 2.5N/20 WT	20	**2831650000**
41-poles				
50-pole		ZQV 2.5N/50 WT	5	**2831660000**
Note				

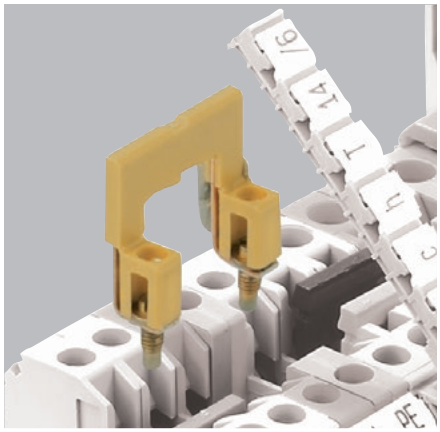
ZQV 4N

32		
Type	**Qty.**	**Order No.**
ZQV 4N/2 WT	60	**2831800000**
ZQV 4N/3 WT	60	**2831810000**
ZQV 4N/4 WT	60	**2831820000**
ZQV 4N/5 WT	60	**2831830000**
ZQV 4N/6 WT	20	**2831840000**
ZQV 4N/7 WT	20	**2831850000**
ZQV 4N/8 WT	20	**2831860000**
ZQV 4N/9 WT	20	**2831870000**
ZQV 4N/10 WT	20	**2831790000**

Technical data			
Rated current	A	24	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 BK	60	**2831670000**
3-pole		ZQV 2.5N/3 BK	60	**2831680000**
4-pole		ZQV 2.5N/4 BK	60	**2831690000**
5-pole		ZQV 2.5N/5 BK	20	**2831700000**
6-pole		ZQV 2.5N/6 BK	20	**2831710000**
7-pole		ZQV 2.5N/7 BK	20	**2831720000**
8-pole		ZQV 2.5N/8 BK	20	**2831730000**
9-pole		ZQV 2.5N/9 BK	20	**2831740000**
10-pole		ZQV 2.5N/10 BK	20	**2831750000**
20-pole		ZQV 2.5N/20 BK	20	**2831760000**
41-poles				
50-pole		ZQV 2.5N/50 BK	5	**2831770000**
Note				

32		
Type	**Qty.**	**Order No.**
ZQV 4N/2 BK	60	**2810840000**
ZQV 4N/3 BK	60	**2810880000**
ZQV 4N/4 BK	60	**2810890000**
ZQV 4N/5 BK	60	**2810900000**
ZQV 4N/6 BK	20	**2810910000**
ZQV 4N/7 BK	20	**2810920000**
ZQV 4N/8 BK	20	**2810930000**
ZQV 4N/9 BK	20	**2831780000**
ZQV 4N/10 BK	20	**2810830000**
ZQV 4N/20 BK	20	**2810870000**
ZQV 4N/41 BK	10	**2831890000**

WQV screw-in cross-connection



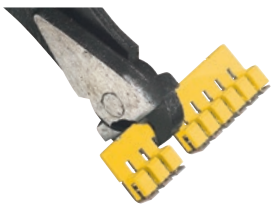
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.



- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

Any number of poles (extending)
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.
To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

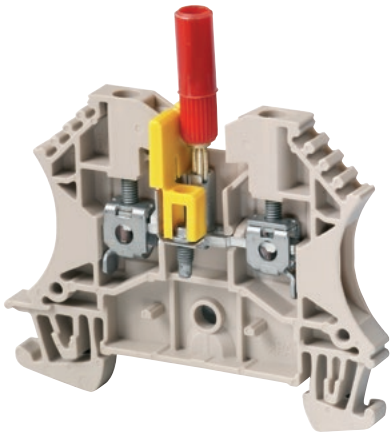
- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (see on the next page).

WQV in combination with a socket contact and test plug

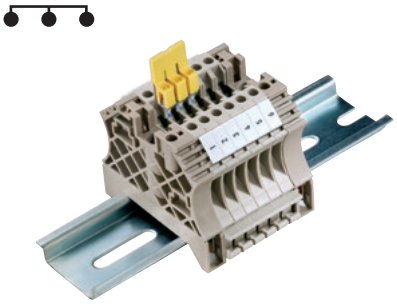
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



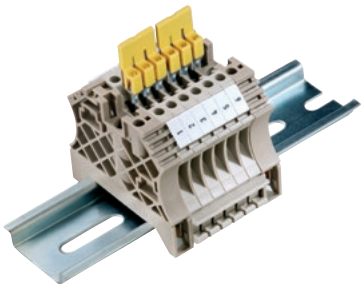
Potential distribution – possible combinations

In one cross-connection channel

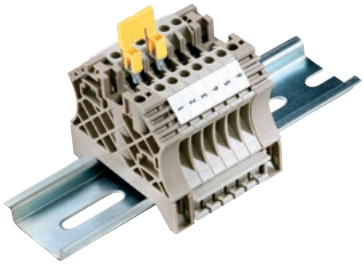
single



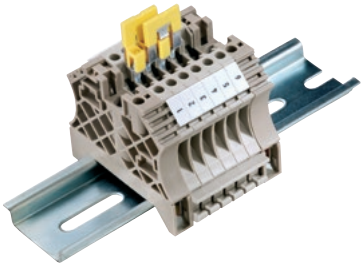
adjacent



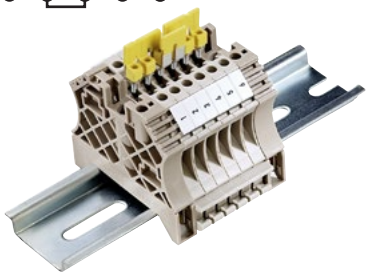
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type Standard	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			

WQV 2.5

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

	32
Type	Qty. / Order No.
WQV 2.5/2	50 / 1053660000
WQV 2.5/3	50 / 1053760000
WQV 2.5/4	50 / 1053860000
WQV 2.5/5	10 / 1053960000
WQV 2.5/6	10 / 1054060000
WQV 2.5/7	10 / 1054160000
WQV 2.5/8	10 / 1054260000
WQV 2.5/9	10 / 1054360000
WQV 2.5/10	20 / 1054460000
WQV 2.5/15	10 / 1059660000
WQV 2.5/20	10 / 1577570000
WQV 2.5/32	10 / 1577600000

WQV 4

	41
Type	Qty. / Order No.
WQV 4/2	50 / 1051960000
WQV 4/3	50 / 1054560000
WQV 4/4	50 / 1054660000
WQV 4/5	10 / 1057860000
WQV 4/6	10 / 1057160000
WQV 4/7	10 / 1057260000
WQV 4/10	20 / 1052060000

WQV 6

	57
Type	Qty. / Order No.
WQV 6/2	50 / 1052360000
WQV 6/3	50 / 1054760000
WQV 6/4	50 / 1054860000
WQV 6/5	50 / 1062660000
WQV 6/6	50 / 1062670000
WQV 6/7	50 / 1062680000
WQV 6/10	20 / 1052260000

WQV 35N

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

	125
Type	Qty. / Order No.
WQV 35N/2	20 / 1079200000
WQV 35N/3	20 / 1079300000
WQV 35N/4	20 / 1079400000

WQV 50N

	150
Type	Qty. / Order No.
WQV 50N/2	5 / 1834060000
WQV 50N/3	5 / 1834070000
WQV 50N/4	5 / 1834080000
WQV 50N/5	5 / 2004960000

WQV 70N

	192
Type	Qty. / Order No.
WQV 70N/2	5 / 9512240000
WQV 70N/3	5 / 9512250000
WQV 70N/4	5 / 9531290000
WQV 70N/5/3/1	5 / 1393020000

WQV 10

63

Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

WQV 16

101

Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

WQV 16N

76

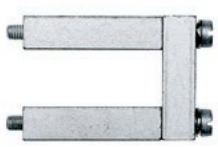
Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

WQV 35

112

Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

WQV 70/95



232

Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

WQV 95N/120N

269

Type	Qty.	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
WQV 95N/120N/4	5	1826910000

WQV 120

269

Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

Screwable QV

Q / DLI

Technical data		
Rated current	A	24
Ordering data		
2-pole		Q 2 DLI / 50 / **1312500000**
3-pole		Q 3 DLI / 50 / **1312600000**
4-pole		Q 4 DLI / 50 / **1312700000**
10-pole		Q 10 DLI / 20 / **1313100000**
20-pole		Q 20 DLI / 20 / **1399800000**
Note		

Q AKZ 1.5

Technical data		
		24
Type	**Qty.**	**Order No.**
Q 2 AKZ1.5	50	**0368200000**
Q 3 AKZ1.5	50	**0368300000**
Q 4 AKZ1.5	50	**0368400000**
Q 10 AKZ1.5	20	**0368500000**

Screwable QV

Q AKZ 4

Technical data		
Rated current	A	24
Ordering data		
2-pole		Q 2 AKZ4 / 50 / **0336400000**
3-pole		Q 3 AKZ4 / 50 / **0336500000**
4-pole		Q 4 AKZ4 / 50 / **0336600000**
10-pole		Q 10 AKZ4 / 20 / **0368600000**
20-pole		
Note		

Q / WDL

		24
Type	**Qty.**	**Order No.**
Q 2 WDL2.5S	50	**1071500000**
Q 3 WDL2.5S	50	**1071600000**
Q 4 WDL2.5S	50	**1071700000**
Q 10 WDL2.5S	20	**1071800000**
Q 20 WDL2.5S	20	**1074200000**

Potential supply with cross-section reduction

Feed-in via output terminal

WDU 35

on WDU 10 / WDU 6 / WDU 4

Technical data		to WDU 35	to WDU 10
Rated current	A	57	
Tightening torque	-	0.6...1.2	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 35-10/6/4	10	**1068000000**
	3-pole			
	6-pole			
Note				

WDU 35

on WDU 2.5

Technical data		to WDU 35	to WDU 2.5
Rated current	A	41	
Tightening torque	-	0.4...0.8	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole			
	3-pole	WQV 35-2.5	10	**1064100000**
	6-pole			
Note				

Feed-in via output terminal

WDU 16

WDU 2.5

Technical data		to WDU 16	to WDU 2.5
Rated current	A	76	
Tightening torque	-		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 16-2.5	10	**1063900000**
	3-pole			
	6-pole			
Note				

WDU 16N

WDU 2.5

Technical data		to WDU 16	to WDU 2.5
Rated current	A	76	
Tightening torque	-		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 16N-2.5	10	**1073100000**
	3-pole			
	6-pole			
Note				

WDU 16N

WDU 4 / WDU 6

Technical data		to WDU 16N	to WDU 4 / 6
Rated current	A	57	
Tightening torque	-		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 16N-4/6	10	**1072500000**
	3-pole			
	6-pole			
Note				

Feed-in via output terminal

WDU 10

WDU 2.5

Technical data		to WDU 10	to WDU 2.5
Rated current	A	57	
Tightening torque	-		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	Q WDU10-2.5 SET	10	**1859620000**
	3-pole			
	6-pole			
Note				

WDU 6

WDU 2.5

Technical data		to WDU 6	to WDU 2.5
Rated current	A	41	
Tightening torque	-		
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	Q WDU6-2.5 SET	10	**1859600000**
	3-pole			
	6-pole			
Note				

Note

Cross-connectors reducing the cross-section may not be used in ATEX applications.

Feed-in via output terminal

WDU 10

WDU 4

Technical data		to WDU 10	to WDU 4
Rated current	A	32	
Tightening torque	-		

Ordering data		Type	Qty.	Order No.
	2-pole	Q WDU10-4 SET	10	**1859610000**
	3-pole			
	6-pole			

Note

WDU 16

WDU 4 / WDU 6

to WDU 16	to WDU 4 / 6
76	

Type	Qty.	Order No.
WQV 16-4/6	10	**1064000000**

Test adapter

		WTA 1	WTA 2	WTA 3
Dimensions				
Width / Length / Height	mm	5 / / 66.1	5 / / 66.1	6 / / 66.1
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V	250	250	250
Rated current	A	6	6	6
for wire cross-section	mm²	1.5	1.5	1.5
Clamped conductors				
Solid / Stranded	mm²	0.5…1.5 1.5	0.5…1.5 1.5	0.5…1.5 1.5
Flexible / Flexible with ferrule	mm²	1…1.5	1…1.5	1…1.5
Ordering data				
	1-pole	WTA 1 WDU1.5	WTA 2 WDU2.5-10	WTA 3 WDU4
	with snap-in pegs	WTA 1/ZA WDU1.5	WTA 2/ZA WDU2.5-10	WTA 3/ZA WDU4
	10-pole		WTA 2/10 WDU2.5/10	
Note				

	IEC	UL	CSA
WTA 1	250	0	
	6	0	
	1.5	LEER	
WTA 2	250	0	
	6	0	
	1.5	LEER	
WTA 3	250	0	
	6	0	
	1.5	LEER	

	Type	Qty.	Order No.
WTA 1	WDU1.5	25	1632290000
	WTA 1/ZA WDU1.5	25	1632300000
WTA 2	WDU2.5-10	25	1632320000
	WTA 2/ZA WDU2.5-10	25	1632330000
	WTA 2/10 WDU2.5/10	5	1632340000
WTA 3	WDU4	25	1632350000
	WTA 3/ZA WDU4	25	1632360000

Test adapter

		WTA 6	WTA 7	WTA 4N
Dimensions				
Width / Length / Height	mm	5 / / 66.1	6 / / 68.15	5 / / 55
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V	250	250	250
Rated current	A	6	6	6
for wire cross-section	mm²	1.5	1.5	1.5
Clamped conductors				
Solid / Stranded	mm²	0.5…1.5 1.5	0.5…1.5 1.5	0.5…1.5 1.5
Flexible / Flexible with ferrule	mm²	1…1.5	1…1.5	1…1.5
Ordering data				
	1-pole	WTA 6 WTR2.5	WTA 7 WSI6	WTA 4N WDK 2.5
	with snap-in pegs	WTA 6/ZA WTR2.5		WTA 4N/ZA WDK 2.5
	10-pole			
Note				

	IEC	UL	CSA
WTA 6	250	0	
	6	0	
	1.5	LEER	
WTA 7	250	0	
	6	0	
	1.5	LEER	
WTA 4N	250	0	
	6	0	
	1.5	LEER	

	Type	Qty.	Order No.
WTA 6	WTR2.5	25	1632380000
	WTA 6/ZA WTR2.5	25	1632390000
WTA 7	WSI6	25	1650210000
WTA 4N	WDK 2.5	25	1878660000
	WTA 4N/ZA WDK 2.5	25	1879350000

WTA 5

5 / / 17		
8		
IEC	**UL**	**CSA**
250	0	
6	0	
0.75	LEER	
0.5…1 1.5		
1…1		

Type	Qty.	Order No.
WTA 5/1	25	**1051260000**
WTA 5/10	5	**1062060000**

Test adapter

WTA 8

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Ordering data	
	beige
	green
Note	

6 / / 39		
7		
IEC	**UL**	**CSA**
205	0	
6	0	
1.5	LEER	
0.5…2.5 2.5		
0.5…2.5		

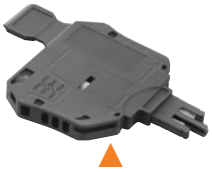
Type	Qty.	Order No.
WTA 8 TN	25	**1915450000**
WTA 8 KO-TN	25	**1915480000**

SIHA fuse holder

For 5x20 G-fuse cartridges
The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Marking position for Dekafix 5 and space for self-adhesive label size 8/20



1. Open fuse holder with fingers or screwdriver.

3. Position new fuse.

2. Press out old fuse.

4. Press fuse holder together again with fingers or screwdriver.

SIHA 1

without LED		Qty.	Order No.
SIHA1/G20	400 V	1	9537550000
with LED (rot)			
SIHA1/G20	10 - 36 V	1	9537560000

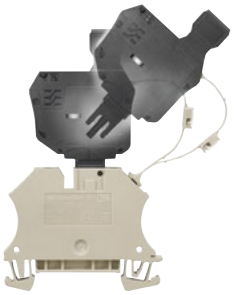
For test-disconnect terminal versions
WTR 2.5/ZZ

SIHA 3

without LED		Qty.	Order No.
SIHA3/G20	400 V	1	7921560000
with LED (rot)			
SIHA3/G20	10 - 36 V	1	7921570000
	35 - 70 V	1	7921580000
	60 - 150 V	1	7921590000
	140 - 250 V	1	7921600000

For test-disconnect terminal versions
WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2,5

SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	9537680000

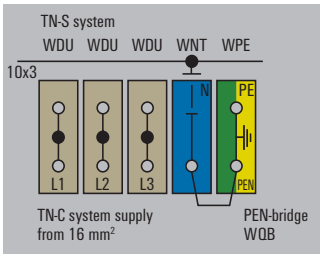
Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

PEN bridges

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

Standard installation
Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm². **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



External PEN bridge

Inside PEN bridge

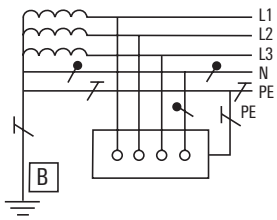
WQB-PEN ...

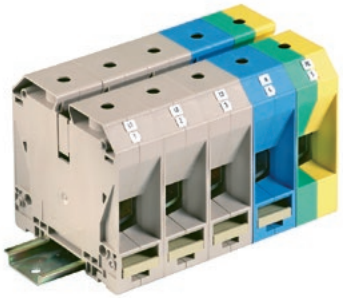
Type	Qty	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	**1060300000**	WPE 10 WDU 10 BL
WQB-PEN 16	10	**1060200000**	WPE 16 WDU 16 BL
WQB-PEN 35	10	**1060100000**	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	**1079600000**	WNT 16N WPE 16N
WQB-PEN 35N	10	**1079500000**	WNT 35N WPE 35N
WQB-PEN 70N	10	**1079700000**	WNT 70N WPE 70N

WQV ... -PEN

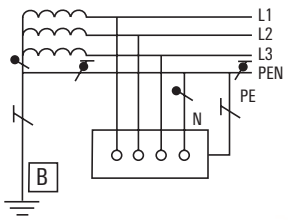
Typ	Qty	Order No.	For terminal
WQV 16N-PEN	10	**1071360000**	WPE 16N WDU 16N BL
WQV 70N-PEN	5	**9525840000**	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	**1072300000**	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	**1072400000**	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		**9201610000**	WPE 50N WDU 50N
WQV 95N/120N-PEN		**9201630000**	WPE 95N/120N WDU 95N/120N

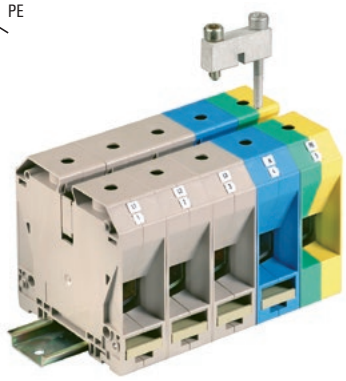
TN-S system:





TN-C system:





Robust connection for harsh conditions

Klippon® Connect offers maintenance-free contacts using stud technology

Whether it is the supply of high power levels to engines, quick and safe coupling of carriages, energy distribution in the carriages and parts thereof, traffic engineering in general, and high-speed trains especially, all pose real challenges for connectivity. For reliable power transfer in these challenging conditions, we offer series WF, WFF and ST 400 stud terminals. With crimped cable lugs, the conductors are laid on the threaded pins and securely connected together by tightening the hex nut to the required torque. The robust processing guarantees the ultimate in safety.

Our promise
Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation.

Overview

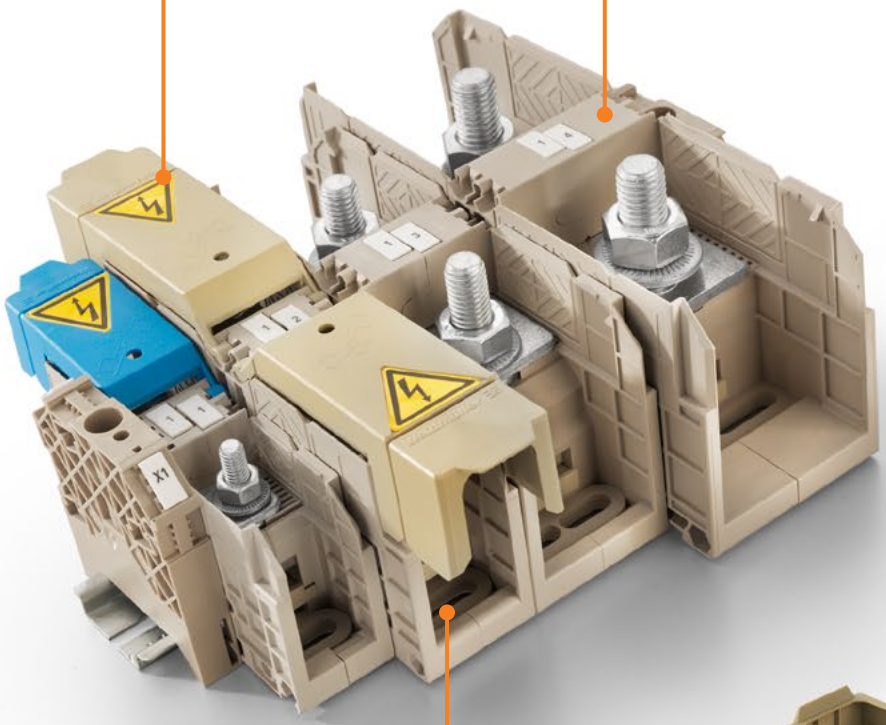
In all applications where reliable power transfer is key, our stud terminals are the safe solution.

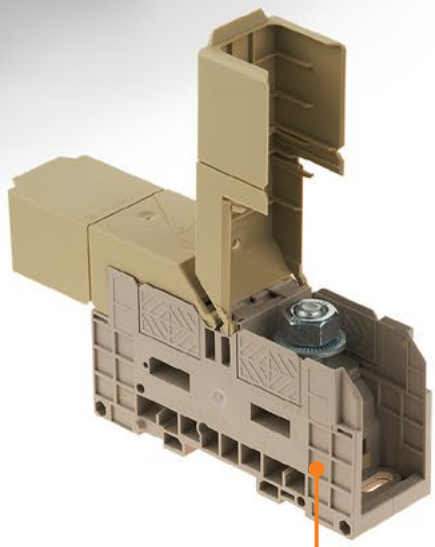
Clever operating concept:
The WF and WFF stud terminal series are available as single and two-stud terminals. The option of a built-in folding hinged hood gives the two-stud terminals in the WFF-Series a particularly high level of safety.

Robust and high performance:
The ST 400 stud terminals, made of glass-fibre reinforced, flame resistant artificial resin for operating voltages of up to 4 kV, are specially designed for use on rail vehicles and tested to meet railway standards. They are perfect for applications with high requirements in terms of vibration and shock resistance.

Time saving
- Extensive accessories
- Quick installation

Flexibility
- Designed for voltage ranges up to 4,000 V and currents up to 415 A
- Simple to use: all that is required is one torque wrench
- Extensive portfolio of one and two stud terminals





Space saving
- Up to two cable lugs can be connected for each stud

Safety
- Safe operation is guaranteed thanks to cover profiles or the snap-on and screwable hinged hoods
- All materials comply with the fire safety regulations found in DIN EN 45545
- All stud terminals are tested in line with the railway standards and made of self-extinguishing material

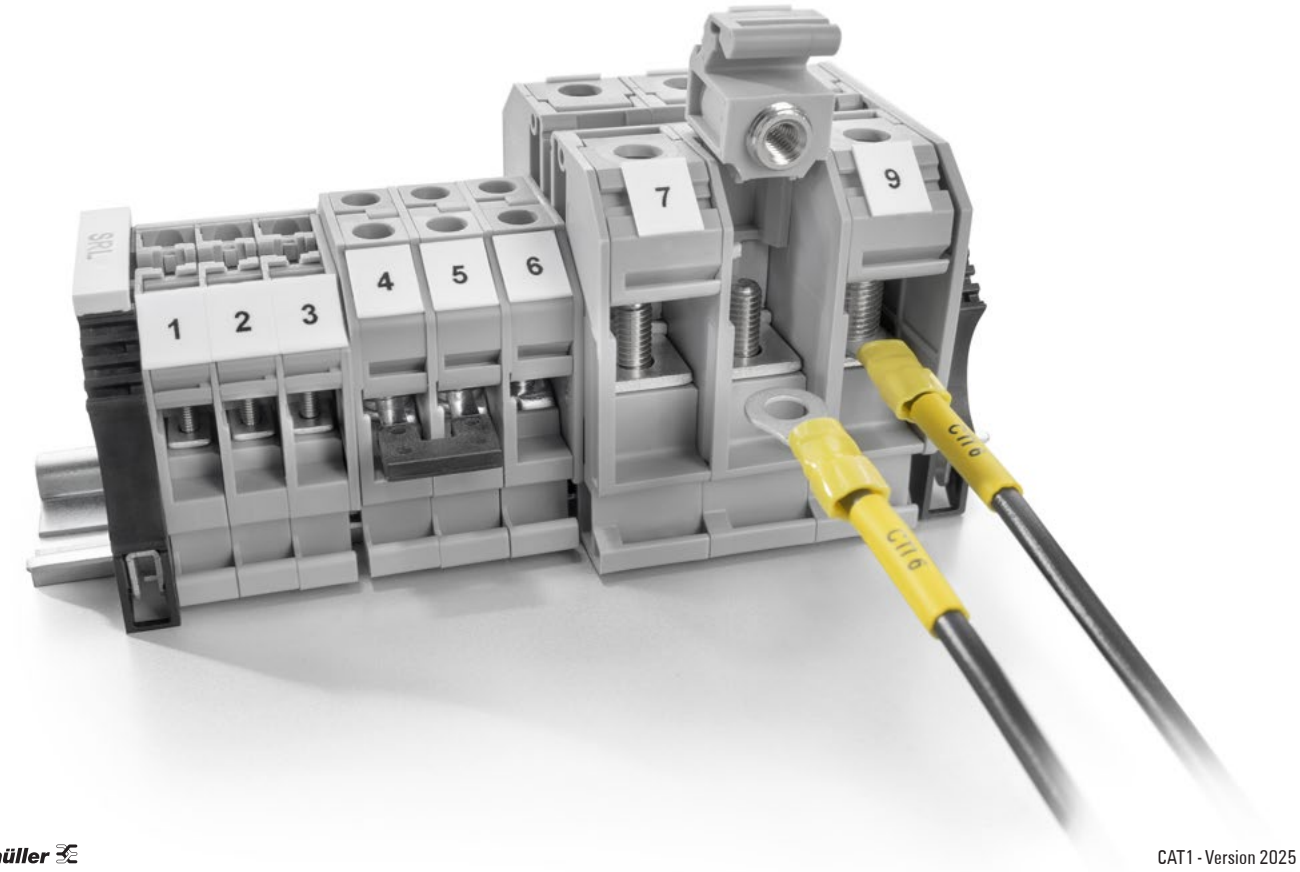
Connect ring lugs quickly and safely

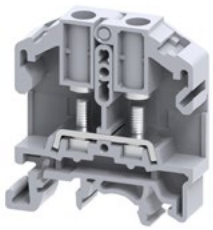
Klippon® Connect SRL Range with stud technology

Our SRL terminals are best suited for applications where connections are subjected to strong vibrations. The wire to be connected is first crimped onto a ring or fork eyelet and then attached to the busbar of the terminal block. The fixing nuts remain captive in the hinged plastic carrier. For connection, the plastic carrier is lifted, the conductor is inserted with the eyelet, and the plastic carrier returned to its initial position. The fixing nut is tightened with a simple screwdriver to create a secure connection between terminal block and eyelet.

Your special advantages:

- All terminal blocks of the SRL family are protected to IP20
- The finger-safe construction makes additional covers unnecessary
- Two cable lugs can also be connected without compromising safety
- SRL 4 STB terminals have hexagon socket screws to accept standard (D) 4.3 mm test adapters
- The variants SRL 3 and SRL 6 are additionally available with internal and external cross-connection options



		SRL 3	6 mm²	SRL 4	6 mm²
					
Width/Height/Depth	mm	9 x 49 x 47.25		11 x 48.5 x 52.2	
max. current / Clamping range, max.	A	**/ 41 / 6.00**		**/ 41 / 6.00**	
Max. clamping range	mm²	**1.5...6.00**		**1.5...6.00**	

Technical data

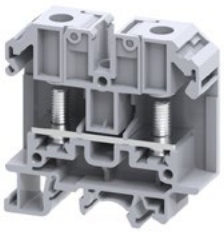
		SRL 3				SRL 4			
Rated data with Wemid partition wall		IEC 60947-7-1				IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	1000	600			1000	600		
Rated current	A	41	50			41	50		
for wire cross-section	mm²	6	AWG 22...8			6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0				/ V-0		
Approvals									
Clamped cable lugs									
Cable lug to DIN 46234		1.5...6 mm²				1.5...6 mm²			
2 x cable lugs DIN 46 234		1.5...6 mm²				1.5...6 mm²			
Cable lug to DIN 46235		1.5...6 mm²				1.5...6 mm²			
2 x cable lugs DIN 46 235		1.5...6 mm²				1.5...6 mm²			
Tightening torque, max.		0.5 Nm				0.5 Nm			
Note									

Ordering data

		SRL 3			SRL 4		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	SRL 3	100	**2614930000**	SRL 4	50	**2614940000**
Note							

Accessories

		SRL 3				SRL 4			
Plug-in cross-connection		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	2-pole	SRQB 3/2	41 A	100	**2615190000**	SRQB 4/2	41 A	100	**2615220000**
	3-pole	SRQB 3/3	41 A	50	**2615200000**	SRQB 4/3	41 A	50	**2615230000**
	4-pole	SRQB 3/4	41 A	50	**2615210000**	SRQB 4/4	41 A	50	**2615240000**
	2-pole								
	4-pole								
Cross-connection permanent									
	2-pole	SQB 3/2	41 A	100	**2615110000**	SQB 4/2	41 A	100	**2615140000**
	3-pole	SQB 3/3	41 A	50	**2615120000**	SQB 4/3	41 A	50	**2615150000**
	4-pole	SQB 3/4	41 A	50	**2615130000**	SQB 4/4	41 A	50	**2615160000**
Screwable cross-connection									
	2-pole	SQV 3/2	41 A	100	**2615030000**				
	3-pole	SQV 3/3	41 A	50	**2615040000**				
	4-pole	SQV 3/4	41 A	50	**2615050000**				
	10-pole	SQV 3/10	41 A	10	**2615070000**				
End plate									
	dark beige	SEP SRL 3		50	**2614990000**	SEP SRL 4		50	**2615000000**
Marking tags									
		WS 10/8 PLUS MC NE WS		420	**1905950000**				
						WS 12/9.5-11 MC NE WS		300	**2484220000**
For detailed information on other accessories and application in the online catalogue									

	SRL 4 STB	SRL 6
	6 mm²	35 mm²
		
Width/Height/Depth mm	11 x 48.5 x 52.2	18 x 63.9 x
max. current / Clamping range, max. A	**/ 41 / 6.00**	**/ 125 / 35.00**
Max. clamping range mm²	**1.5...6.00**	**1.5...35.00**

Technical data

	SRL 4 STB	SRL 6
Rated data with Wemid partition wall		
Rated voltage V	1000	1000
Rated current A	41	125
for wire cross-section mm²	6	35
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	/ V-0
Approvals		
Clamped cable lugs		
Cable lug to DIN 46234	1.5...6 mm²	1.5...35 mm²
2 x cable lugs DIN 46 234	1.5...6 mm²	1.5...35 mm²
Cable lug to DIN 46235	1.5...6 mm²	1.5...35 mm²
2 x cable lugs DIN 46 235	1.5...6 mm²	1.5...35 mm²
Tightening torque, max.	0.5 Nm	3 Nm
Note		

	SRL 4 STB	SRL 6
IEC 60947-1		
IEC	1000	1000
UL		600
CSA		115
EN 60079-7	41	125
	6	35
		AWG 22...2

Ordering data

Version	Type	Qty.	Order No.
	SRL 4 STB	50	**2614950000**
dark beige			
Note			

Version	Type	Qty.	Order No.
	SRL 6	50	**2614960000**

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	SRQB 4/2	41 A	100	**2615220000**
3-pole	SRQB 4/3	41 A	50	**2615230000**
4-pole	SRQB 4/4	41 A	50	**2615240000**
2-pole	SQS 4/2	41 A	20	**2615250000**
4-pole	SQS 4/4	41 A	10	**2615260000**
Cross-connection permanent				
2-pole	SQB 4/2	41 A	100	**2615140000**
3-pole	SQB 4/3	41 A	50	**2615150000**
4-pole	SQB 4/4	41 A	50	**2615160000**
Screwable cross-connection				
2-pole				
3-pole				
4-pole				
10-pole				
End plate				
dark beige	SEP SRL 4		50	**2615000000**
Marking tags				
	WS 12/9.5-11 MC NE WS		300	**2484220000**

Type	Qty.	Order No.
SQV 6/2 125 A	100	**2615080000**
SQV 6/3 125 A	50	**2615090000**
SQV 6/4 125 A	50	**2615100000**
SEP SRL 6	50	**2615010000**
WS 10/15 MC NE WS	240	**1854090000**

For detailed information on other accessories and application in the online catalogue

Stud terminals

Power transmission
The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm².

The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

All stud terminals are tested to international standards **(EN 60947-7-1, EN 50124-1, DIN EN 61373, EN 50343, DIN EN 45545-2, NFF 61-017)** and satisfy the requirements contained therein.

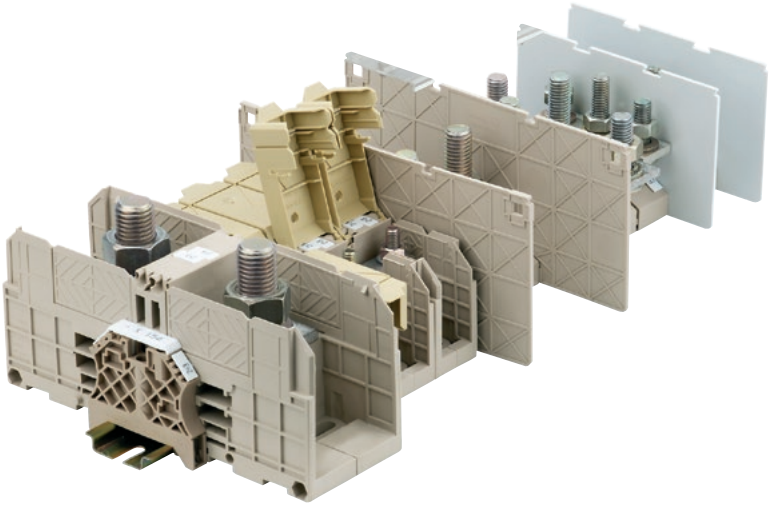
Handling
Cable lugs are crimped onto the cable lugs to connect the connectors. The cable lugs are placed between the washer on the clamp support and the lock washer on the bolt of the WF terminal. With the WFF stud terminals, the cable lugs contact directly to the current bar. Tightening the hexagon nut causes the cable lugs' flaps to press against one another – thereby creating a secure contact.

WF / WFF series
- For voltage ranges up to 1000 V
- For use with special epoxy resin partition plates even up to 2,300 V and 520 A

WF single-stud terminals
- Four connectors can be securely connected without a problem
- Three connectors even without compromising the rated data

WFF two-bolt terminals
- Two connectors can be reliably connected

Accessories
We offer an extensive range of accessories for our stud terminals. A detailed description is available on the accessory overview pages.

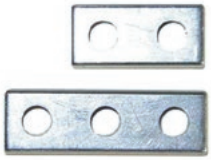


product overview

size of thread	M5	M6	M8	M10	M12	M16
single-stud terminals – WF	•	•	•	•	•	
twin-stud terminals – WF 2 BZ		•	•	•		
twin-stud terminals – WFF		•	•	•	•	•
twin-stud terminals – ST 4000 (up to 4000 V)			•	•	•	

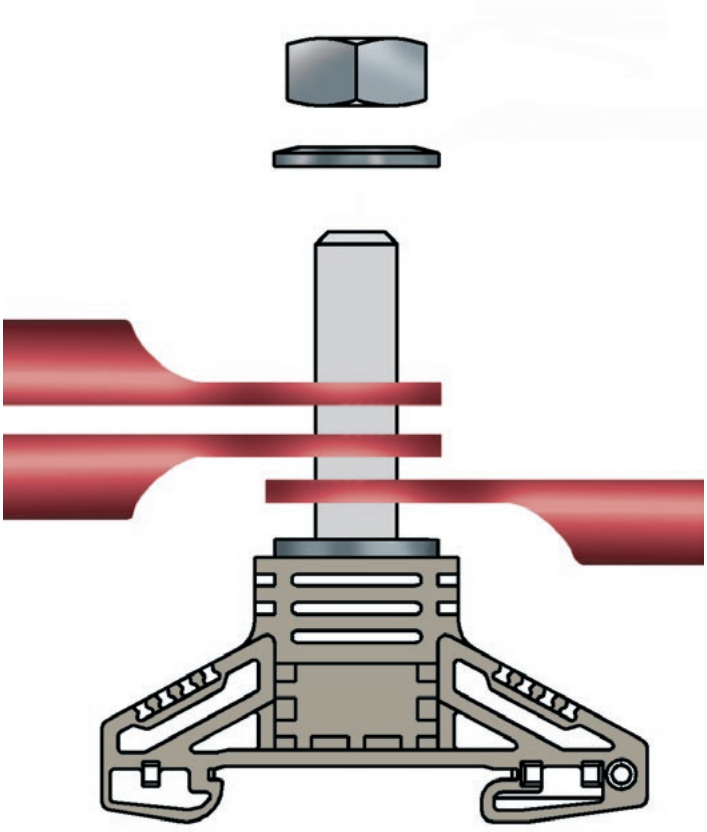
Stud connection
- Stud size M5 to M16
- Connector with cable lug according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm²

Cross-connections
- Saves a great deal of time through fast potential distribution
- Can be used for all stud terminals
- 2, 3 and 4-pin variations available
- Potential distribution between different sizes possible (from WF6 to WF8 and to WF10)



Simple operation
- The cable lugs are placed on the bolt using the washer
- The lock washer is placed on top
- A secure contact is established between the cable lugs by tightening the steel nuts

Clamp supports made of Wemid
- Non-tracking CTI 600
- Temperature-resistant up to 130°C
- Self-extinguishing V0 according to UL94
- Non-toxic
- No smoke emission in the event of fire
- Complies with the requirements set out in DIN EN 45545-2

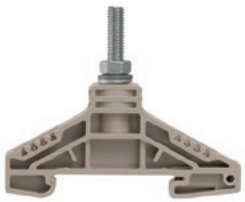


Contact security
- Maintenance-free, no tightening of the nut necessary
- Resistant to vibrations and high contact force through lock washer

Safe operation
Touch-safe protection
- In the case of WF, through partition plates and transparent cover profiles
- In the case of WFF, with a lockable cover hood for each connection

WF 5 — 16 mm²

Screw thread M5



WF 5 NFF — 16 mm²

Screw thread M5

		WF 5	WF 5 NFF
Width/Height/Depth	mm	13 x 67 x 54.5	13 x 67 x 54.5
max. current / max. cond. cross-section	A	**76 / 16**	**76 / 16**
Max. clamping range	mm²	**0.1...16**	**0.1...16**

Technical data

	WF 5	WF 5 NFF
Rated data with Wemid partition wall		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped cable lugs		
Cable lug to DIN 46234		
2 x cable lugs DIN 46 234		
Cable lug to DIN 46235		
2 x cable lugs DIN 46 235		
Tightening torque min./max.		
Note		

WF 5			
IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
1000	1000	1000	
76	85	85	
16	AWG 10...4	AWG 10...4	
	8 kV / 3		
	/ V-0		
CE cULus UKCA			
0.1...16 mm²			
0.1 to 16 mm²			
6...10 mm²			
6...10 mm²			
2...4 Nm			
1000V UL and CSA for usage groups B and C can be used with isolating terminal rails and when using WTW WF6 1781220000 partitions.			

WF 5 NFF			
IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
1000			
76			
16			
	8 kV / 3		
	/ V-0		
CE UKCA			
0.1...16 mm²			
0.1 to 16 mm²			
6...10 mm²			
6...10 mm²			
3.7...4.5 Nm			

Ordering data

Version	
	dark beige
Note	

WF 5		
Type	**Qty.**	**Order No.**
WF 5	25	**1790130000**
1000 V DC rated voltage passed with the WTW WF6 1781220000 partition plate.		

WF 5 NFF		
Type	**Qty.**	**Order No.**
WF 5 NFF	25	**1968990000**

Accessories

Cross-connector			
2-pole	WQL 2 WF5	76 A 5	**1812710000**
3-pole	WQL 3 WF5	76 A 5	**1812740000**
4-pole			
Auxiliary/control connection			
up to 4 mm², 32 A			
Spacer			
dark beige	WTW WF6	20	**1781220000**
Beige epoxy resin	WTW WF6 2300	20	**1781230000**
dark beige	WTW WF6-WF12	20	**1781240000**
End bracket			
dark beige	WEW 35/2	50	**1061200000**
Hood transparent			
Hood transparent 1000 mm	ADP WF6/WF8	1	**1780930000**
Holder for shrouding cover transparent			
Holder for shrouding cover, transparent	HA ADP WF6/WF10	10	**1781050000**
Busbar			
Marking tags			
	WS 12/5 MC NE WS	720	**1609860000**

Type	**Qty.**	**Order No.**
WQL 2 WF5 76 A	5	**1812710000**
WQL 3 WF5 76 A	5	**1812740000**
WTW WF6	20	**1781220000**
WTW WF6 2300	20	**1781230000**
WTW WF6-WF12	20	**1781240000**
WEW 35/2	50	**1061200000**
ADP WF6/WF8	1	**1780930000**
HA ADP WF6/WF10	10	**1781050000**
WS 15/5 MC NE WS	480	**1609880000**
DEK 5/6 MC NE WS	1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6 — 35 mm²

Screw thread M6

17.8 x 67 x 54.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	150	
35	AWG 14...2	AWG 14...2	
	8 kV / 3		
	/ V-0		

2.5...35 mm²	
2.5 to 35 mm²	
6...25 mm²	
6...25 mm²	
3...6 Nm	

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 6	25	1780850000
1000 VDC rated voltage tested.		

Type		Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WZAF 35	32 A	10	1070500000
WTW WF6		20	1781220000
WTW WF6 2300		20	1781230000
WTW WF6-WF12		20	1781240000
WEW 35/2		50	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6 NFF — 35 mm²

Screw thread M6

17.8 x 67 x 54.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
125			
35			
	8 kV / 3		
	/ V-0		

2.5...35 mm²	
2.5 to 35 mm²	
6...35 mm²	
6...25 mm²	
5.8...7 Nm	

Type	Qty.	Order No.
WF 6 NFF	25	1969000000

Type		Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WZAF 35	32 A	10	1070500000
WTW WF6		20	1781220000
WTW WF6 2300		20	1781230000
WTW WF6-WF12		20	1781240000
WEW 35/2		50	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 8 — 50 mm²

Screw thread M8

22.8 x 67 x 63.5
150 / 50
2.5...50

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	200	
50	AWG 14...0	AWG 14...0	
	/ V-0		

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 8	25	1780860000

Type		Qty.	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
WZAF 70	32 A	10	1066200000
WTW WF8		20	1780900000
WTW WF8 2300		20	1780910000
WEW 35/2		50	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

		WF 8 NFF	50 mm²	WF 10	120 mm²
		Screw thread M8		Screw thread M10	
Width/Height/Depth	mm	22.8 x 67 x 63.5		33.8 x 67 x 72.5	
max. current / max. cond. cross-section	A	**150 / 50**		**269 / 120**	
Max. clamping range	mm²	**2.5…50**		**6…120**	

Technical data

		IEC 60947-7-1			
Rated data with Wemid partition wall		**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	1000	1000	1000	
Rated current	A	150	269	320	
for wire cross-section	mm²	50	120	AWG 10…250	AWG 10…250
Rated impulse withstand voltage / Pollution severity		8 kV / 3		8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		/ V-0	
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		2.5…50 mm²		6…120 mm²	
2 x cable lugs DIN 46 234		2.5 to 50 mm²		6 to 120 mm²	
Cable lug to DIN 46235		6…35 mm²		10…95 mm²	
2 x cable lugs DIN 46 235		6…35 mm²		10…95 mm²	
Tightening torque min./max.		15…18 Nm		10…20 Nm	
Note				1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.	

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WF 8 NFF	25	**1968960000**	WF 10	20	**1780870000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Cross-connector								
2-pole	WQL 2 WF8	150 A	5	**1780990000**	WQL 2 WF10	269 A	5	**1781010000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**	WQL 3 WF10	269 A	5	**1781020000**
4-pole					WQL 4 WF10	265 A	5	**1027840000**
Auxiliary/control connection								
up to 4 mm², 32 A	WZAF 70	32 A	10	**1066200000**	WZAF 120	32 A	10	**1066300000**
Spacer								
dark beige	WTW WF8		20	**1780900000**	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF8 2300		20	**1780910000**	WTW WF10/WF12 2300		20	**1780920000**
dark beige								
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Hood transparent								
Hood transparent 1000 mm	ADP WF6/WF8		1	**1780930000**	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent								
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**	HA ADP WF6/WF10		10	**1781050000**
Busbar								
Marking tags								
	WS 15/5 MC NE WS		480	**1609880000**	WS 10/6 MC NE WS		600	**1828450000**
	DEK 5/6 MC NE WS		1000	**1609820000**				

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 10 NFF — 120 mm²

Screw thread M10

33.8 x 67 x 72.5
269 / 120
6...120

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
8 kV / 3			
/ V-0			

6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
30...36 Nm

Type	Qty.	Order No.
WF 10 NFF	20	1968950000

Type		Qty.	Order No.
WQL 2 WF10	269 A	5	1781010000
WQL 3 WF10	269 A	5	1781020000
WQL 4 WF10	265 A	5	1027840000
WZAF 120	32 A	10	1066300000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
SMSE WF10/2XM6		10	1868880000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12 — 120 mm²

Screw thread M12

33.8 x 67 x 70.5
269 / 120
6...120

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	
8 kV / 3			
/ V-0			

6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
14...31 Nm

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 12	20	1780880000

Type		Qty.	Order No.
WQL 2 WF12	269 A	5	1781030000
WQL 3 WF12	269 A	5	1781040000
WZAF 185	32 A	10	1066400000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12 NFF — 120 mm²

Screw thread M12

33.8 x 67 x 70.5
269 / 120
6...120

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
8 kV / 3			
/ V-0			

6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
50...60 Nm

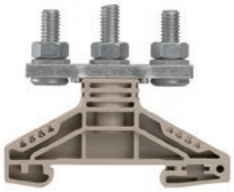
Type	Qty.	Order No.
WF 12 NFF	20	1968940000

Type		Qty.	Order No.
WQL 2 WF12	269 A	5	1781030000
WQL 3 WF12	269 A	5	1781040000
WZAF 185	32 A	10	1066400000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
SMSE WF10/2XM6		10	1868880000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6/2BZ — 35 mm²

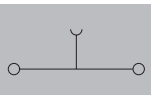
Screw thread M6



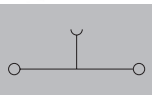
WF 8/2BZ — 50 mm²

Screw thread M8

Width/Height/Depth	mm	17.8 x 67 x 54.5
max. current / max. cond. cross-section	A	**125 / 35**
Max. clamping range	mm²	**2.5...35**



Width/Height/Depth	mm	22.8 x 67 x 63.5
max. current / max. cond. cross-section	A	**150 / 50**
Max. clamping range	mm²	**2.5...50**



Technical data

Rated data with Wemid partition wall		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	
Rated current	A	125	115	115	
for wire cross-section	mm²	35			
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals		CE cULus KEMA KEUR UKCA			
Clamped cable lugs					
Cable lug to DIN 46234		2.5...35 mm²			
2 x cable lugs DIN 46 234		2.5 to 35 mm²			
Cable lug to DIN 46235		6...25 mm²			
2 x cable lugs DIN 46 235		6...25 mm²			
Tightening torque min./max.		3...6 Nm			

Note

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Rated data with Wemid partition wall		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	
Rated current	A	150	150	150	
for wire cross-section	mm²	50			
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals		CE cULus KEMA KEUR UKCA			
Clamped cable lugs					
Cable lug to DIN 46234		2.5...50 mm²			
2 x cable lugs DIN 46 234		2.5 to 50 mm²			
Cable lug to DIN 46235		6...35 mm²			
2 x cable lugs DIN 46 235		6...35 mm²			
Tightening torque min./max.		6...12 Nm			

Note

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Ordering data

Version	Type	Qty.	Order No.
dark beige	WF 6/2BZ	25	**1789770000**
Note	1000 VDC rated voltage tested.		

Version	Type	Qty.	Order No.
dark beige	WF 8/2BZ	25	**1789780000**
Note	1000 VDC rated voltage tested.		

Accessories

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 35	32 A	10	**1070500000**
Spacer				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF6 2300		20	**1781230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Marking tags				
	WS 12/5 MC NE WS		720	**1609860000**

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 70	32 A	10	**1066200000**
Spacer				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF8 2300		20	**1780910000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Marking tags				
	WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

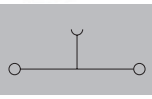
With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

WF 10/2BZ — 120 mm²

Screw thread M10

33.8 x 87.6 x 72.5
269 / 120
6...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	230	230	
120			
	8 kV / 3		
	/ V-0		
6...120 mm²			
6 to 120 mm²			
10...95 mm²			
10...95 mm²			
10...20 Nm			

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

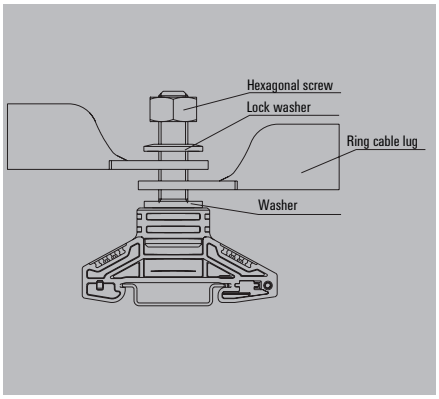
Type	Qty.	Order No.
WF 10/2BZ	10	1789790000

1000 VDC rated voltage tested.

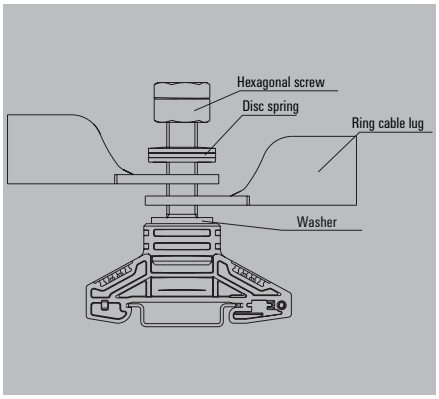
Type		Qty.	Order No.
WQL 2 WF10	269 A	5	1781010000
WQL 3 WF10	269 A	5	1781020000
WZAF 120	32 A	10	1066300000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to DIN EN 50124 pt 1

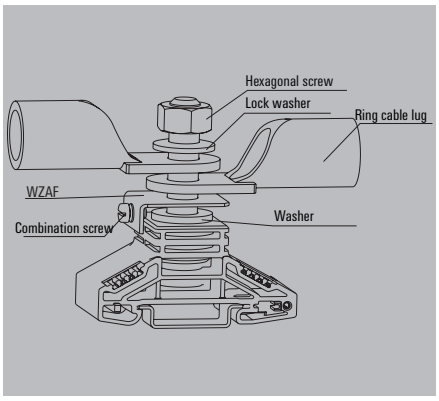
Stud connection series WF



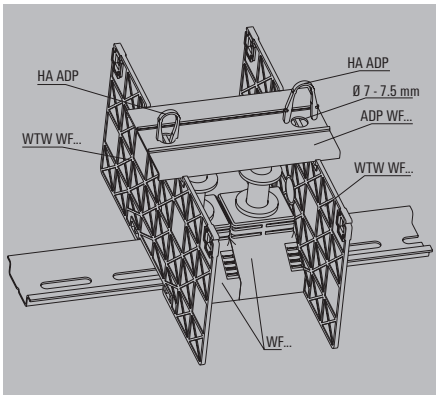
Stud connection series WF NFF



Auxiliary/control line connection WZAF



Application example



Structure to use cover profiles (ADP WF) on the partition plates (WTW WF) with the relevant holders (HA ADP).

Drilled holes for cover profiles 7–7.5 mm

	WFF 35	WFF 35 NFF
	35 mm²	35 mm²
	Screw thread M6	Screw thread M6

Width/Height/Depth mm	27 x 107 x 51	27 x 107 x 51
max. current / max. cond. cross-section A/mm²	150 / 50	125 / 50
Max. clamping range mm²	2.5...50	2.5...50

Technical data

Rated data with Wemid partition wall		
Ex eb II C Gb / II 2 G D		
IEC 60947-7-1		
Rated voltage V	1000	500
Rated current A	125	125
for wire cross-section mm²	35	35
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV /
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	/ V-0
Approvals	KEMA 98ATEX1684 U	

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
125	115	130	125
35	AWG 14...2	AWG 14...2	35 mm²

IEC	UL	CSA	EN 60079-7
500			
125			
35			

Clamped cable lugs		
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	2.5...50 mm² / 2.5 to 35 mm²	2.5...50 mm² / 2.5 to 35 mm²
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	6...25 mm² / 6...25 mm²	6...25 mm² / 6...25 mm²
Tightening torque min./max.	3...6 Nm	5.8...7 Nm

Note	
	1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Ordering data

Version	Type	Qty.	Order No.
dark beige	WFF 35	10	1028300000
dark beige	WFF 35/AH	5	1029300000
Blue	WFF 35 BL	10	1028380000
Note	1000 VDC rated voltage tested.		

Version	Type	Qty.	Order No.
	WFF 35 NFF	5	1049220000

Accessories

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WFF35	125 A	5	1064900000
3-pole	WQL 3 WFF35	125 A	5	1065400000
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 35	32 A	10	1070500000
Spacer				
dark beige	WTW WFF35		10	1067100000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Hood				
Hood, dark beige Wemid	WAH 35		20	1064460000
Marking tags				
Warning triangle for power supply terminals	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000

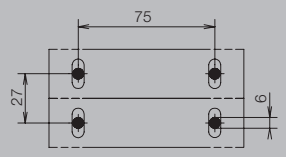
For detailed information on other accessories and application in the online catalogue	WAH 35 in blue, Order no. 1064480000

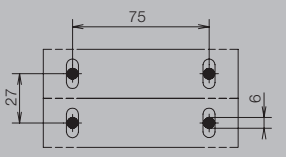
Cross-connector	Type		Qty.	Order No.
	WQL 2 WFF35	125 A	5	1064900000
	WQL 3 WFF35	125 A	5	1065400000
	WZAF 35	32 A	10	1070500000
	WTW WFF35		10	1067100000
	WEW 35/1		50	1059000000
	WAH 35		20	1064460000
	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000

WAH 35 in blue, Order no. 1064480000

Technical drawing

Drilling template for direct mounting

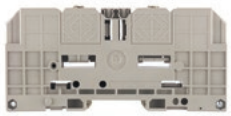




Fixing screw for direct mounting	Order No.
M6 x 16	1063700000

WFF 70 — 70 mm²

Screw thread M8



31.8 x 132 x 61
232 / 95
2.5...95

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
192	175	170	
70	AWG 14...0	AWG 14...0	
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U

2.5...95 mm² / 2.5...70 mm²	
16...70 mm² / 16...70 mm²	
6...12 Nm	

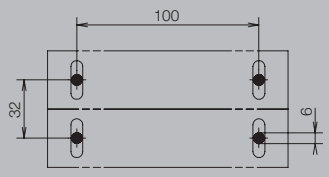
When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

1000 V DC rated voltage tested. 1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

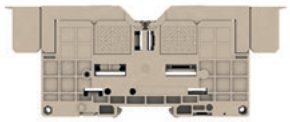
Type		Qty.	Order No.
WQL 2 WFF70	192 A	5	1065000000
WQL 3 WFF70	192 A	5	1065500000
WZAF 70	32 A	10	1066200000
WTW WFF70		10	1067200000
WEW 35/1		50	1059000000
WAH 70 BE		20	1064560000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 70 in blue, Order no. 1064580000



WFF 70 NFF — 70 mm²

Screw thread M8



32 x 132 x 61
192 / 95
2.5...95

IEC 60947-7-1

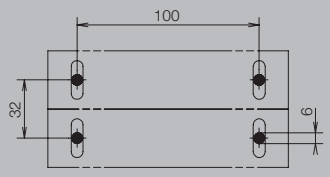
IEC	UL	CSA	EN 60079-7
1000			
192			
70			
	8 kV /		
	/ V-0		

2.5...95 mm² / 2.5...70 mm²	
16...70 mm² / 16...70 mm²	
15...18 Nm	

Type	Qty.	Order No.
WFF 70 NFF	5	1049230000

Type		Qty.	Order No.
WQL 2 WFF70	192 A	5	1065000000
WQL 3 WFF70	192 A	5	1065500000
WZAF 70	32 A	10	1066200000
WTW WFF70		10	1067200000
WEW 35/1		50	1059000000
WAH 70 BE		20	1064560000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 70 in blue, Order no. 1064580000



WFF 120 — 120 mm²

Screw thread M10

42 x 132 x 72
309 / 150
6...150

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
269	310	310	
120	AWG 10...250	AWG 10...250	
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U

6...150 mm² / 6 to 120 mm²	
16...150 mm² / 16...120 mm²	
10...20 Nm	

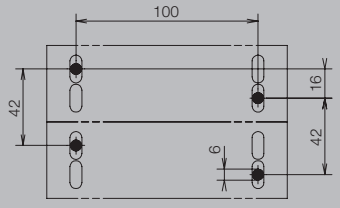
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

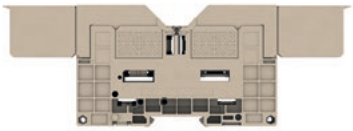
Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

1000 VDC rated voltage tested.

Type		Qty.	Order No.
WQL 2 WFF120	269 A	5	1065100000
WQL 3 WFF120	269 A	5	1065600000
WZAF 120	32 A	10	1066300000
WTW WFF120		10	1067300000
WEW 35/1		50	1059000000
WAH 120		20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 120 in blue, order No. 1064680000



	WFF 120 NFF	WFF 185
	120 mm²	185 mm²
	Screw thread M10	Screw thread M12
		
Width/Height/Depth mm	42 x 132 x 72.5	55 x 163 x 77.5
max. current / max. cond. cross-section A/mm²	269 / 150	415 / 240
Max. clamping range mm²	6...150	10...240

Technical data

	WFF 120 NFF	WFF 185
Rated data with Wemid partition wall		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	500	1000
for wire cross-section mm²	269	353
Rated impulse withstand voltage / Pollution severity	120	185
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV /	8 kV / 3
Approvals	/ V-0	/ V-0
		Ex eb II C Gb II 2 G D
Clamped cable lugs		
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	6...150 mm² / 6 to 120 mm²	10...240 mm² / 10...185 mm²
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	16...150 mm² / 16...120 mm²	25...240 mm² / 25...185 mm²
Tightening torque min./max.	30...36 Nm	14...31 Nm
Note		1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

IEC	UL	CSA	EN 60079-7
WFF 120 NFF			
500			
269			
120			
		8 kV /	
		/ V-0	

IEC	UL	CSA	EN 60079-7
WFF 185			
1000	1000	600	
353	380	360	
185	AWG 8...500	AWG 8...500	
		8 kV / 3	
		/ V-0	
			KEMA 98ATEX1684 U

Ordering data

Version	Type	Qty.	Order No.
dark beige	WFF 120 NFF	4	1049240000
dark beige			
Blue			
Note			

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000
1000 VDC rated voltage tested.		

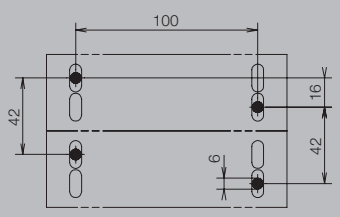
Accessories

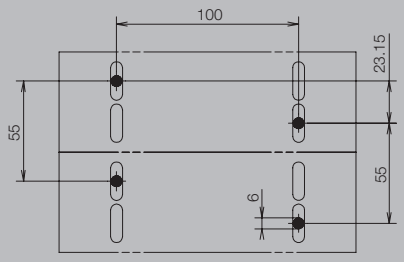
Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WFF120	269 A	5	1065100000
3-pole	WQL 3 WFF120	269 A	5	1065600000
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 120	32 A	10	1066300000
Spacer				
dark beige	WTW WFF120		10	1067300000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Hood				
Hood, dark beige Wemid	WAH 120		20	1064660000
Marking tags				
Warning triangle for power supply terminals	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000
For detailed information on other accessories and application in the online catalogue	WAH 120 in blue, order No. 1064680000			

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WFF185	353 A	5	1065200000
3-pole	WQL 3 WFF185	353 A	5	1065700000
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 185	32 A	10	1066400000
Spacer				
dark beige	WTW WFF185/300		10	1067400000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Hood				
Hood, dark beige Wemid	WAH 185/300 BE		10	1064760000
Marking tags				
Warning triangle for power supply terminals	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000
	WAH 185/300 in blue, Order no. 1064780000			

Technical drawing

Drilling template for direct mounting





Fixing screw for direct mounting	Order No.
M6 x 16	1063700000

WFF 185 NFF — 185 mm²

Screw thread M12

55 x 163 x 77.2
353 / 240
10...240

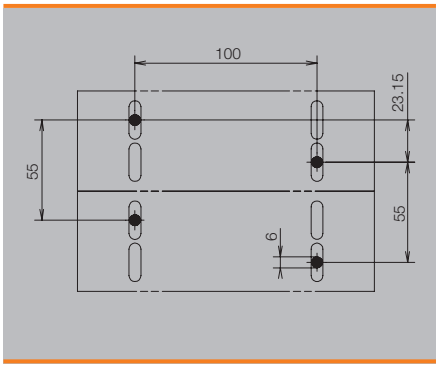
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
353			
185			
	8 kV /		
	/ V-0		
10...240 mm² / 10...185 mm²			
25...240 mm² / 25...185 mm²			
50...60 Nm			

Type	Qty.	Order No.
WFF 185 NFF	2	1049250000

Type		Qty.	Order No.
WQL 2 WFF185	353 A	5	1065200000
WQL 3 WFF185	353 A	5	1065700000
WZAF 185	32 A	10	1066400000
WTW WFF185/300		10	1067400000
WEW 35/1		50	1059000000
WAH 185/300 BE		10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 185/300 in blue, Order no. 1064780000



WFF 300 — 300 mm²

Screw thread M16

55 x 163 x 85.5
520 / 300
25...300

Ex eb II C Gb

IEC 60947-7-1

II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
520	500	510	
300	AWG 6...600	AWG 6...600	
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
25...240 mm² / 25 to 240 mm²			
50...300 mm² / 50...300 mm²			
25...60 Nm			

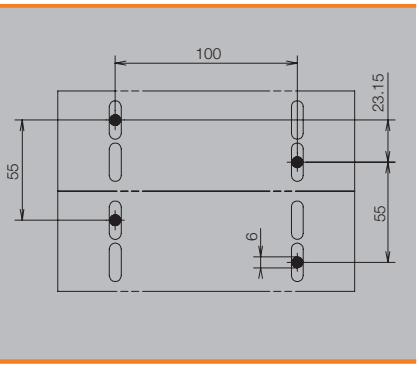
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

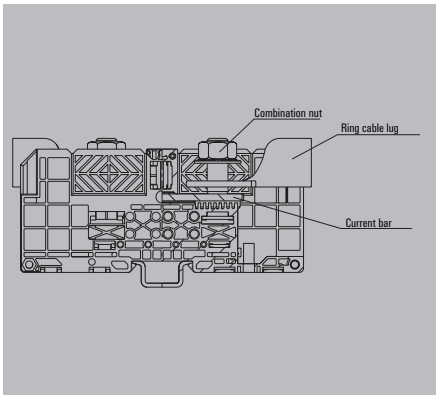
1000 VDC rated voltage tested.

Type		Qty.	Order No.
WQL 2 WFF300	520 A	5	1065300000
WQL 3 WFF300	520 A	5	1065800000
WZAF 300	32 A	10	1066500000
WTW WFF185/300		10	1067400000
WEW 35/1		50	1059000000
WAH 185/300 BE		10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

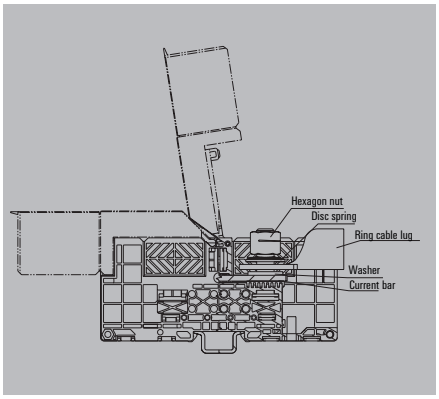
WAH 185/300 in blue, Order no. 1064780000



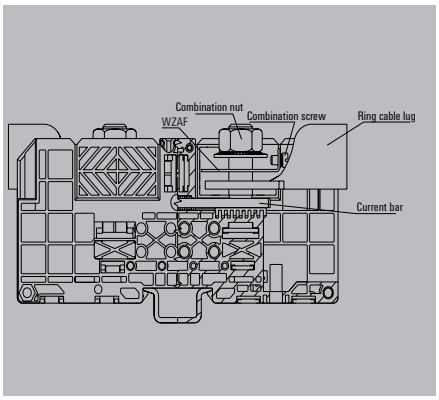
Stud connection series WFF



Stud connection series WFF NFF

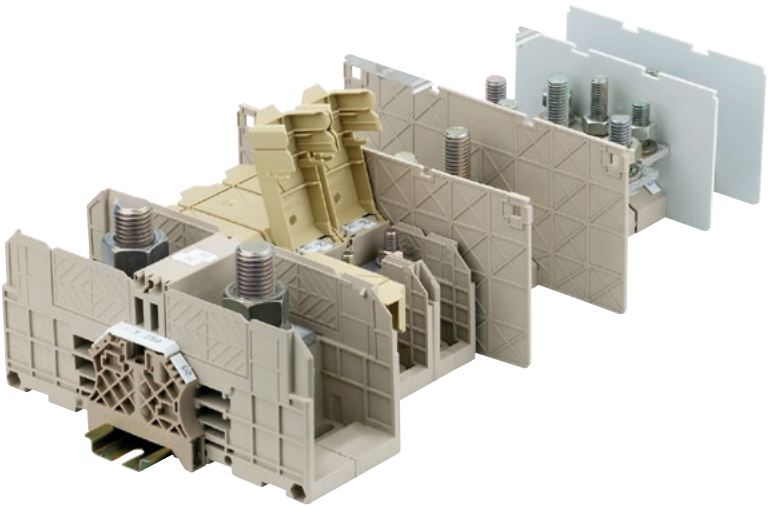


Auxiliary/control line connection WZAF



Stud terminals – Accessories

Series WF and WFF



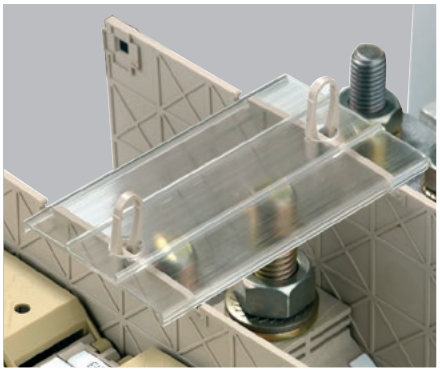
Electrical distribution

Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection

The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

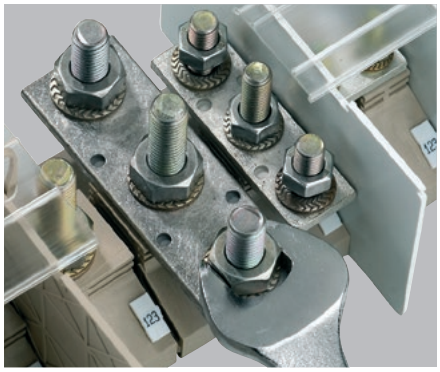
Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

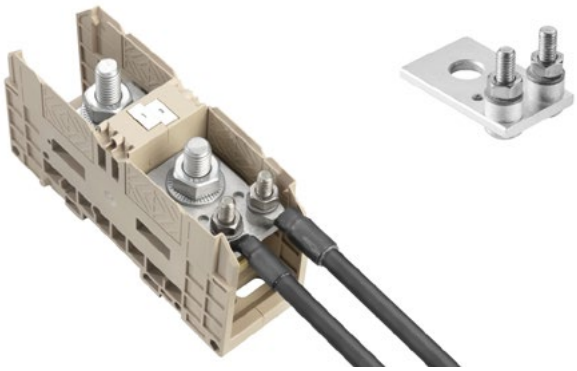
Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Potential distribution from stud terminal blocks M10 to 2 x M6

The potential distribution between adjacent stud terminal blocks can be implemented simply using 2- and 3-pole cross-connections, please consult products in the stud terminal chapter.
Reduced cross-sections are required for special applications. These so-called cross-connection lugs are offered accordingly for varying thread sizes from M6 to M10 with a wide range of combinations.



Ordering data

Type	Qty.	Order No.
SMSE WF10/2XM6	10	1868880000

Note	
	Hole diameter: 10 mm for M10 studs Stud terminals: WF 10... and WFF 120. The rated current is dependent on the test set-up.

WQL special cross-connection lugs for WF

WQL 2 WF 6–10

WQL 3 WF 6–10/2

WQL 2 WF 6/8

Ordering data

Type	Depth	current	Clamping screw	Terminal screw, additional connection	Qty.	Order No.
WQL 2 WF6-10	4 mm	125 A	M 6	M 10	5	1806620000
WQL 3 WF6-10/2	4 mm	125 A	M 6	M 10	5	1806640000
WQL 2 WF6-8	4 mm	125 A	M 6	M 8	5	1808980000
WQL 4 WF8-6/3	4 mm	24 A	M 8	M 6	5	1904960000
Note						

WF - cross-connections for WF and WFF

Type	Poles	current	Qty.	Order No.
WF 5				
WQL 2 WF5	2	101 A	5	**1812710000**
WQL 3 WF5	3	101 A	5	**1812740000**
WF 6 & WF 6/2BZ				
WQL 2 WF6	2	125 A	5	**1780970000**
WF 8 & WF 8/2BZ				
WQL 2 WF8	2	150 A	5	**1780990000**
WQL 3 WF8	3	150 A	5	**1781000000**
WF 10 & WF 10/2BZ				
WQL 2 WF10	2	265 A	5	**1781010000**
WQL 3 WF10	3	265 A	5	**1781020000**
WF 12				
WQL 2 WF12	2	265 A	5	**1781030000**
WQL 3 WF12	3	265 A	5	**1781040000**
WFF 35				
WQL 3 WFF35	3	150 A	5	**1065400000**
WFF 70				
WQL 3 WFF70	3	232 A	5	**1065500000**
WFF 120				
WQL 3 WFF120	3	309 A	5	**1065600000**
WFF 185				
WQL 3 WFF185	3	415 A	5	**1065700000**
WFF 300				
WQL 3 WFF300	3	520 A	5	**1065800000**
WF 6 & WF 6/2BZ				
WQL 3 WF6	3	125 A	5	**1780980000**
WF 10 & WF 10/2BZ				
WQL 4 WF10	4	265 A	5	**1027840000**
WFF 35				
WQL 2 WFF35	2	150 A	5	**1064900000**
WFF 70				
WQL 2 WFF70	2	232 A	5	**1065000000**
WFF 120				
WQL 2 WFF120	2	309 A	5	**1065100000**
WFF 185				
WQL 2 WFF185	2	415 A	5	**1065200000**
WFF 300				
WQL 2 WFF300	2	520 A	5	**1065300000**

WF-Series partition plates

Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige	2.5 mm	20	**1781240000**
WTW WF6	dark beige	3 mm	20	**1781220000**
WTW WF8	dark beige	3 mm	20	**1780900000**
WTW WF10/WF12	dark beige	3 mm	20	**1780890000**

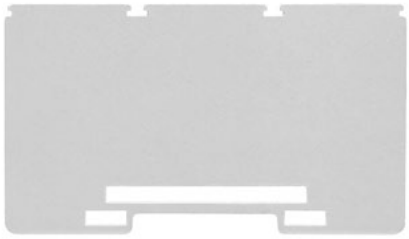
WFF-Series partition plates

Type	Colour	Width	Qty.	Order No.
WTW WFF35	grey	2 mm	10	**1067100000**
WTW WFF70	grey	2 mm	10	**1067200000**
WTW WFF120	grey	2 mm	10	**1067300000**
WTW WFF185/300	grey	2 mm	10	**1067400000**

WFF series cover hoods

Type	Colour	Width	Qty.	Order No.
WAH 35	beige	26 mm	20	1064460000
WAH 70 BE	beige	31 mm	20	1064560000
WAH 120	beige	41 mm	20	1064660000
WAH 185/300 BE	beige	54 mm	10	1064760000

WF-Series 2300 V partition plates



Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	grey	2 mm	20	1781230000
WTW WF8 2300	grey	2 mm	20	1780910000
WTW WF10/WF12 2300	grey	2 mm	20	1780920000

Warning triangle for power supply terminal blocks

Type	Colour	Width	Qty.	Order No.
SYMBOL-P. 25X25X25 B/DR	yellow	25 mm	120	1741090000
SYMBOL-P. 50X50X50 B/DR	yellow	50 mm	1	1741100000
MARKO-C. 25X25X25 B/DR.	yellow	25 mm	10	1700530001
MARKO-C. 50X50X50 B/DR.	yellow	50 mm	10	1700540001

Application range

Application range

Application fields in the panel B.2

Power feed-in B.4

PUSH IN connection B.6

Screw connection B.26

Power distribution B.52

Hybrid connection B.54

Screw connection B.56

PUSH IN connection B.96

Tension clamp connection B.97

Control voltage distribution B.100

PUSH IN connection B.102

Signal wiring B.122

PUSH IN connection B.124

Tension clamp connection B.128

Screw connection B.130

Signal marshalling B.136

Screw connection B.143

PUSH IN connection B.160

Building installation wiring B.174

PUSH IN connection B.176

Screw connection B.198

Instrument transformer wiring B.208

TTB Range B.210

Screw connection B.234

Threaded stud connection B.250

Shielding and earthing B.252

Shield clamping saddle B.256

Potential equalisation terminal block B.270

Functional earth B.273

Earth conductor disconnect terminals B.292

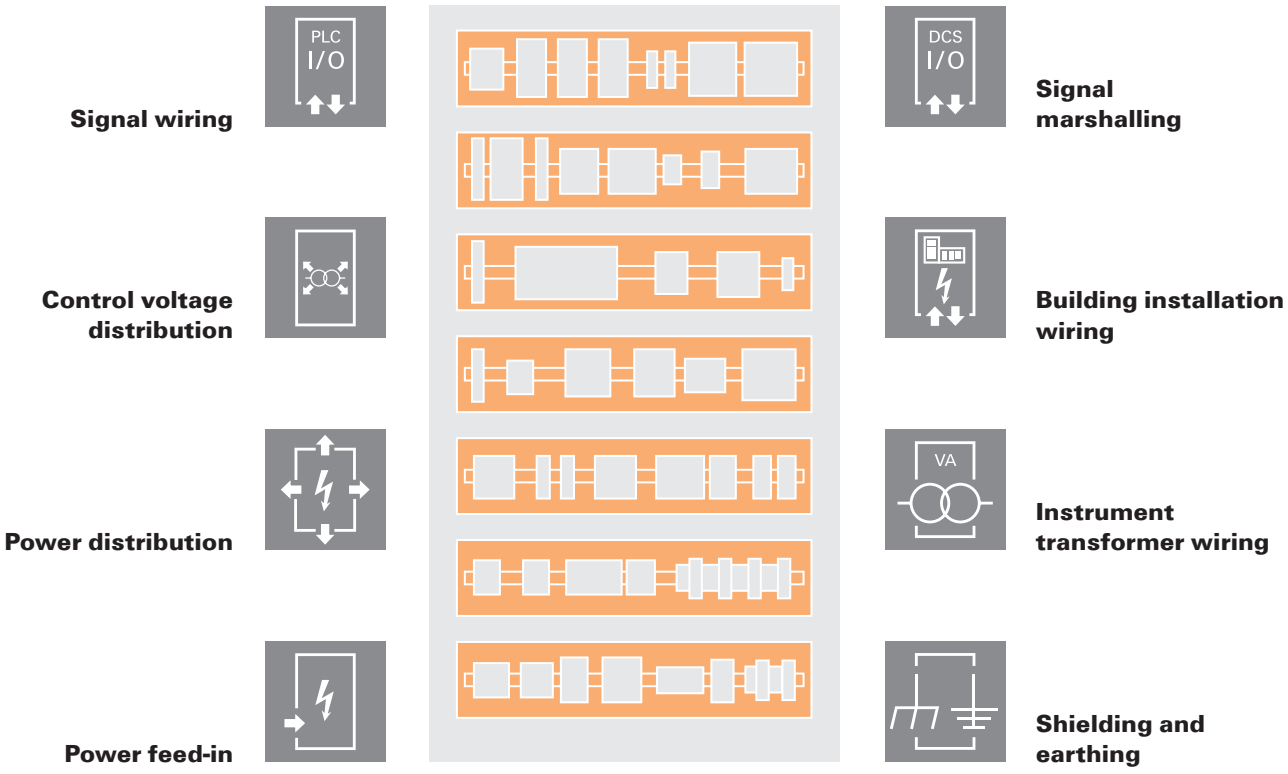
Panel building requires innovative ideas

Klippon® Connect delivers pioneering connectivity solutions

While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

We have identified and developed special solutions for these application fields. By purposefully structuring and adapting the product functions to the respective requirements, our needs-based application products decisively help to boost your productivity, efficiency and safety at all stages of the panel building process.

Our promise
Our tailored application range guarantees substantial efficiency benefits at every individual stage of the process and leads to unbeatable productivity gains in your panel building operations.



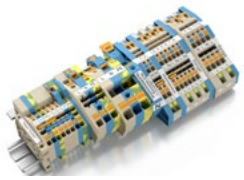
Power feed-in
Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

Power distribution
You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

Control voltage distribution
Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.

Signal wiring
Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.

Signal marshalling
Our innovative PRV terminal blocks for Signal marshalling featuring a PUSH IN connection and our multifunctional Signal marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

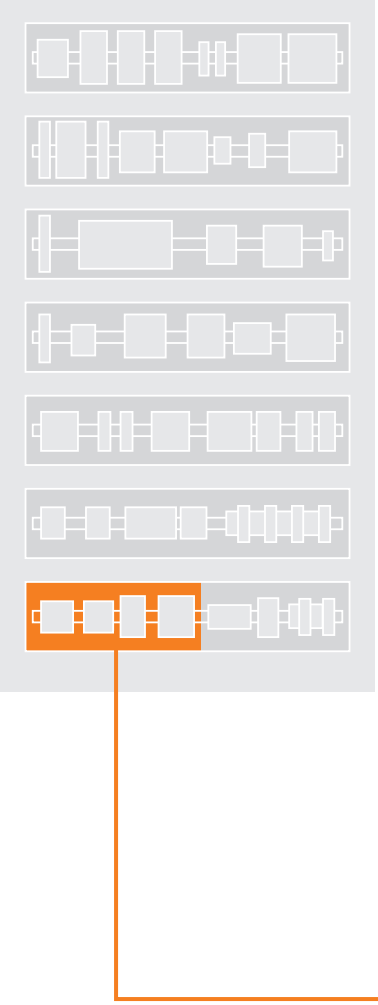


Building installation wiring
For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

Instrument transformer wiring
Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

Shielding and earthing
Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields.
A comprehensive range of accessories rounds off our range.

Reliable and efficient power supply
Really convenient with Klippon® Connect



More and more components need to be housed in switchgear and panels within a confined space. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient and space-saving.

Our promise
The feed-in of power to switchgear and panels is much easier with Klippon® Connect: our connection solutions ensure reduced wiring work and efficient processes. The compact design means you save space and money, whilst increasing productivity on a sustainable basis.

Our range

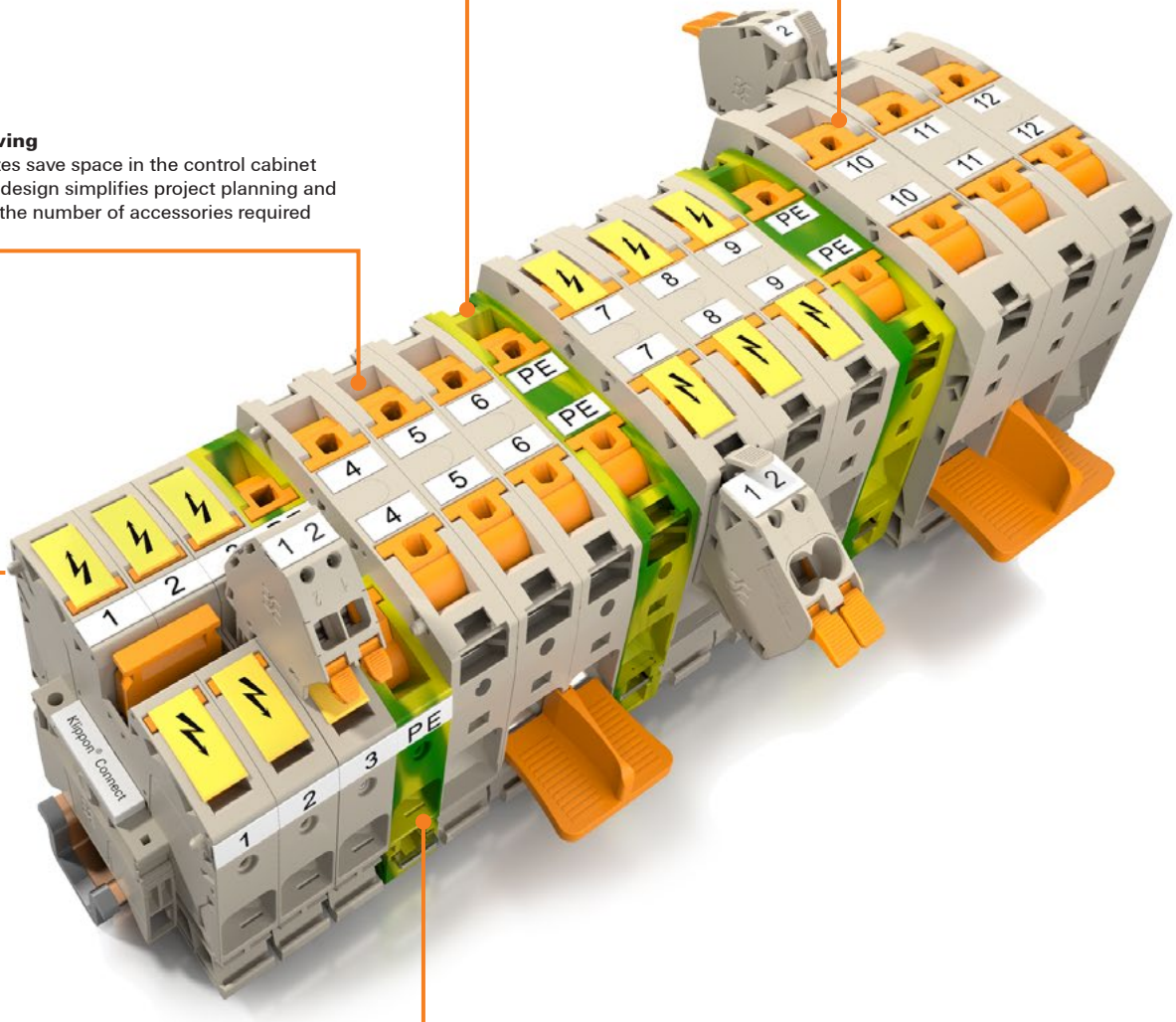
Wide range – safe connections:
In confined spaces, our compact terminal blocks with proven clamping yoke technology increase convenience and enable perfect connections. The strong force of the clamping yoke spring ensures vibration-resistant contacting and compensates for the relaxation in the connected conductor.

Cost-effective and robust:
Under harsh environmental conditions with high levels of vibration and shock, such as in traffic engineering, our terminal blocks using stud technology offer excellent safety. With robust workmanship and flexible accessories, our stud terminals meet the requirements for safe, reliable power transfer.

Safety
- Innovative and intuitive PUSH IN Power connection ensures a safe, gas-tight and vibration-proof connection of the conductor
- Marking of external voltage with additional markers

Flexibility
- Pre-assembled feed-in blocks for each network system
- Uniform accessories for multiple cross-sections

Space saving
- Small sizes save space in the control cabinet
- Uniform design simplifies project planning and reduces the number of accessories required



Time saving
- Reduced wiring effort, as the terminal blocks are always delivered with open connection points
- Innovative and intuitive PUSH IN Power connection

Reliable and efficient power supply
Klippon® Connect A2C 35 high-current terminal blocks

The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new A2C 35 high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

Find out more:

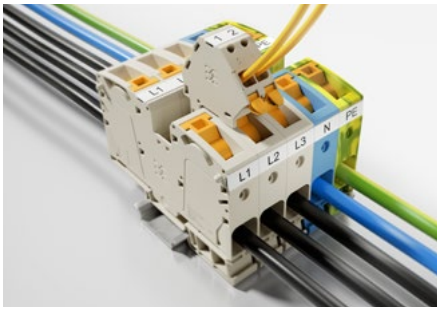
Discover all the details in the video. The new high-current terminal blocks A2C 35 with PUSH IN-Power connection:
www.weidmueller.com/pushin-power

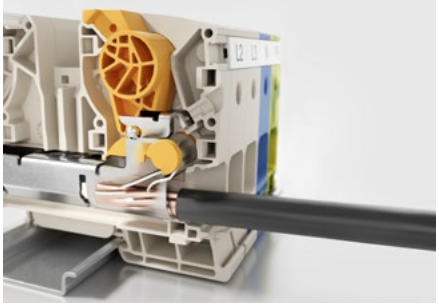
More on the benefits Klippon® Connect provides in planning, installation and operation:
www.klippon-connect.com

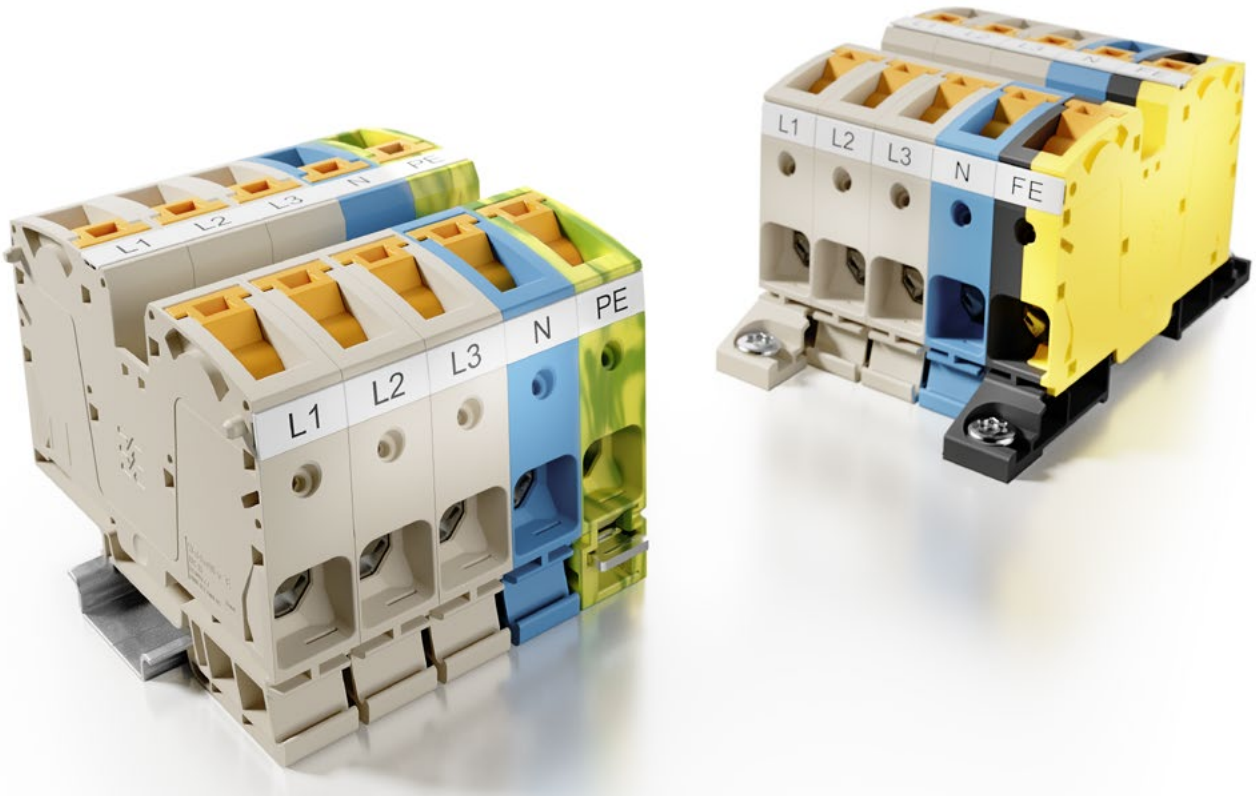
Pre-assembled blocks
Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

Additional connection for emergency power supply
The additional connection enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable toolless wiring of flexible conductors.

Innovative PUSH IN-Power connection
With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm^2 to 185 mm^2 ensures maximum contact forces.



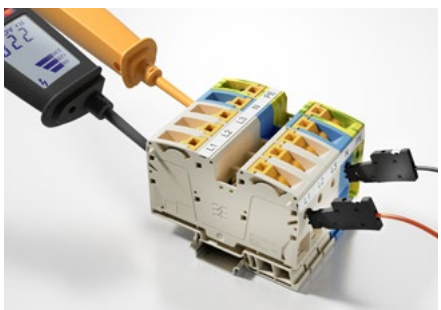




Efficient potential distribution
Step-down bridges allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the panel while avoiding additional wiring.

Standardised testing options
A standard 2.0 mm diameter test tap allows easy and fast testing. Standardised accessories guarantee use in the cross-section ranges from 1.5 mm² to 185 mm² and ensure a streamline portfolio of accessories.

Identification of external voltage
Large-area marker tags direct attention to an external voltage applied. The attachment of the flash markers in the connection ranges from 35 mm² to 185 mm² additionally prevent wiring in live condition. This ensures greater safety for man and machine.



Terminal blocks for rail mounting

	A2C 35	A2C 35 FE
	35 mm²	35 mm²

Width/Height/Depth	16 x 101.5 x 71.5	16 x 101.5 x 71.5
max. current / max. cond. cross-section	**125 / 35**	**125 / 35**
Max. clamping range	**2.5...35**	**2.5...35**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V/V	1000 / 1500	1000	1000	880
Rated current A	125	113	101	105
for wire cross-section mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0	
Approvals				TUEV16ATEX7909U
Clamped conductors				
Solid / Stranded mm²	2.5...16 / 10...35			
Flexible / Flexible with ferrule mm²	10...35 / 2.5...35			
Stripping length / Blade size mm/-	25 / 1.0 x 5.5 mm			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V/V	1000 / 1500	1000		880
Rated current A	125			105
for wire cross-section mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0	
Approvals				TUEV16ATEX7909U
Clamped conductors				
Solid / Stranded mm²	2.5...16 / 10...35			
Flexible / Flexible with ferrule mm²	10...35 / 2.5...35			
Stripping length / Blade size mm/-	25 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 35	10	**2551510000**
Blue	A2C 35 BL	10	**2552090000**
Green/yellow			
yellow/black			

Type	Qty.	Order No.
A2C 35 FE	10	**2551530000**

Note

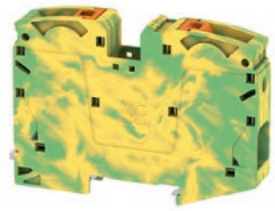
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**
Additional tap				
dark beige	AAC 35 2X6	41 A	5	**2583090000**
blue	AAC 35 2X6 BL	41 A	5	**2583170000**
black/yellow	AAC 35 2X6 BK-YL	41 A	5	**2583190000**
green/yellow	AAC 35 2X6 GN-YL	41 A	5	**2583180000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	**2634950000**
ZQV 35N-10	57 A	10	**2562670000**
ZQV 35N-16	76 A	10	**2562660000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 35 PE — 35 mm²



16 x 101 x 71.5
/ 35
2.5...35

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		
35	AWG 12...2	AWG 12...2	35 mm²
/ 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type		Qty.	Order No.
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 DM — 35 mm²

16 x 135 x 71.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 FE DM — 35 mm²

16 x 135 x 71.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

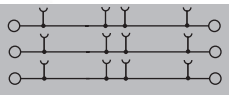
Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 35 3FT	35 mm²	A2C 35 3FT-FE	35 mm²

Width/Height/Depth	48 x 101.5 x 71.5	64 x 101.5 x 71.5
max. current / max. cond. cross-section	125 / 35	125 / 35
Max. clamping range	2.5...35	2.5...35



Technical data

	A2C 35 3FT	A2C 35 3FT-FE
Rated data		
Rated voltage	V/V	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Stripping length / Blade size	mm/-	
Note		

A2C 35 3FT			
IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

A2C 35 3FT-FE			
IEC 60947-7-1, IEC 60947-7-2			
IEC	**UL**	**CSA**	**EN 60079-7**
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

Ordering data

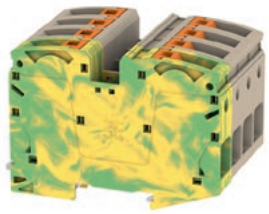
Version	A2C 35 3FT			A2C 35 3FT-FE		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	A2C 35 3FT	1	**2552100000**			
dark beige, blue	A2C 35 3FT-N	1	**2552130000**			
dark beige, black/yellow				A2C 35 3FT-FE	1	**2552110000**
dark beige, blue, black/yellow				A2C 35 3FT-N-FE	1	**2552140000**
dark beige, green/yellow						
dark beige, blue, green/yellow						
Note						

Accessories

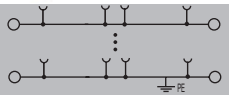
	A2C 35 3FT				A2C 35 3FT-FE			
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 35N/2	125 A	10	**2634950000**	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**	ZQV 35N-16	76 A	10	**2562660000**
Additional tap								
dark beige	AAC 35 2X6	41 A	5	**2583090000**	AAC 35 2X6	41 A	5	**2583090000**
blue	AAC 35 2X6 BL	41 A	5	**2583170000**	AAC 35 2X6 BL	41 A	5	**2583170000**
black/yellow	AAC 35 2X6 BK-YL	41 A	5	**2583190000**	AAC 35 2X6 BK-YL	41 A	5	**2583190000**
green/yellow	AAC 35 2X6 GN-YL	41 A	5	**2583180000**	AAC 35 2X6 GN-YL	41 A	5	**2583180000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 35 3FT-PE — 35 mm²



80 x 101.5 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

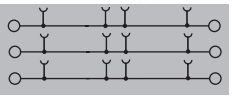
Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT-PE	1	2552120000
A2C 35 3FT-N-PE	1	2551540000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 3FT DM — 35 mm²

48 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

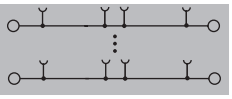
Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT DM	1	2552170000
A2C 35 3FT-N DM	1	2552190000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 3FT-FE DM — 35 mm²

64 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

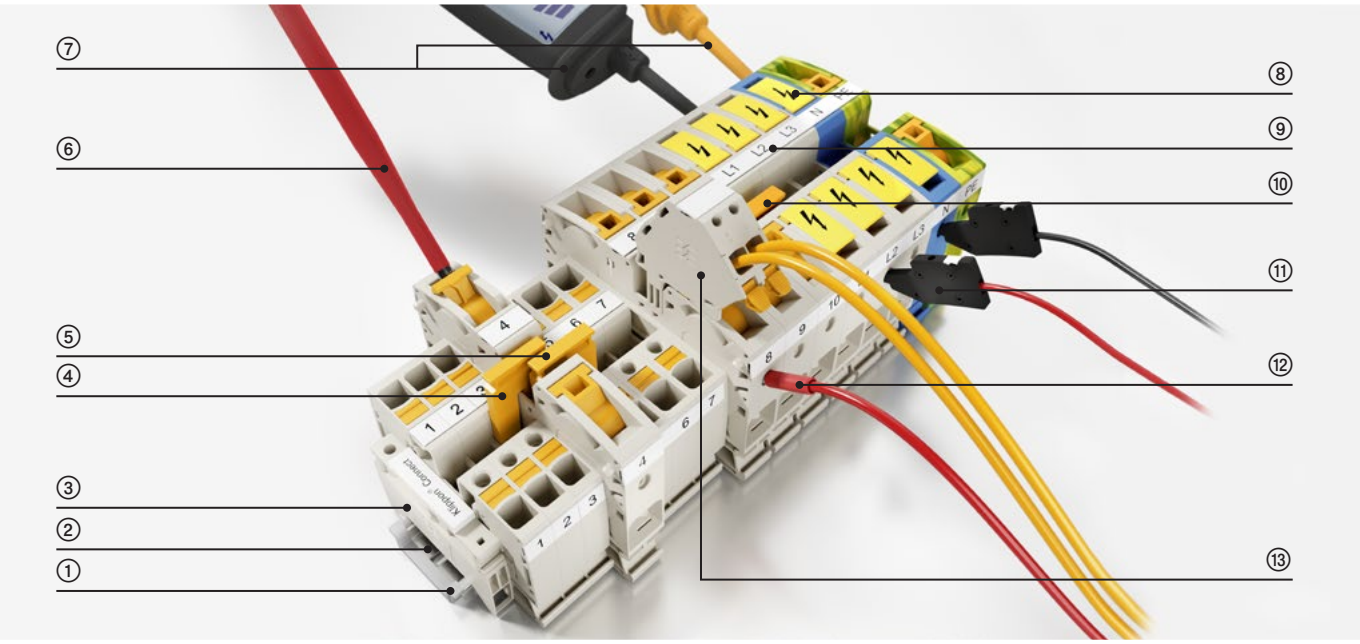
Type	Qty.	Order No.
A2C 35 3FT-FE DM	1	2552180000
A2C 35 3FT-N-FE DM	1	2552200000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Mounting in compliance with norms
Thanks to precisely matched accessories

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Number	Description	Type	Rated voltage	Rated current	Dimensions	Colour	Qty.	Order No.
1	End plate terminal rail	TS END CAP 35X7.5			35 x 7.5 x 4 mm	grey	100	**1283470000**
2	Terminal rail	TS 35X7.5/LL 2M/ST/ZN			35 x 7.5 x 2000 mm	silver	2	**0514500000**
3	End bracket	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	**1991920000**
4	Step-down bridges	ZQV 35N-10	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	**2562670000**
5	Step-down bridges	ZQV 35N-16	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	**2562660000**
6	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	**2749380000**
7	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	**9918870000**
8	Warning cover	AAM 35-185 YE FLASH			55 x 55 x 55 mm	yellow	40	**2635600000**
9	Terminal marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	**2619910000**
10	Cross-connector	ZQV 35N/2	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	**2634950000**
11	Test adapter	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	black	50	**1991890000**
12	Test probes	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	red	20	**0310000000**
13	Additional voltage tap	AAC 35 2X6	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	dark beige	10	**2583090000**
13	Additional voltage tap	AAC 35 2X6 BL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	blue	10	**2583170000**
13	Additional voltage tap	AAC 35 2X6 BK-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	black/yellow	10	**2583190000**
13	Additional voltage tap	AAC 35 2X6 GN-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	green/yellow	10	**2583180000**

Reliable and efficient power subbly

Klippon® Connect high current terminal blocks for optimal energy supply

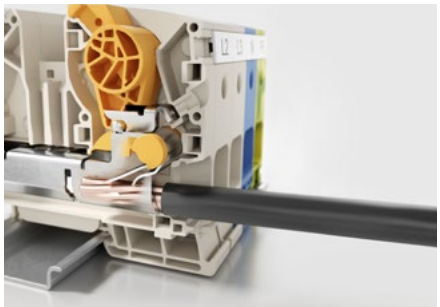
The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

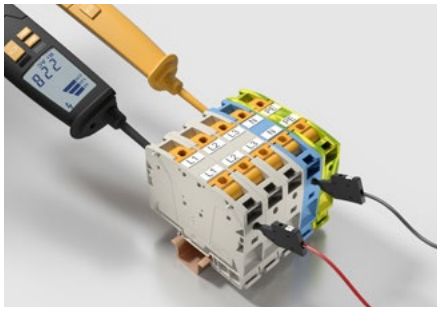
Our new high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

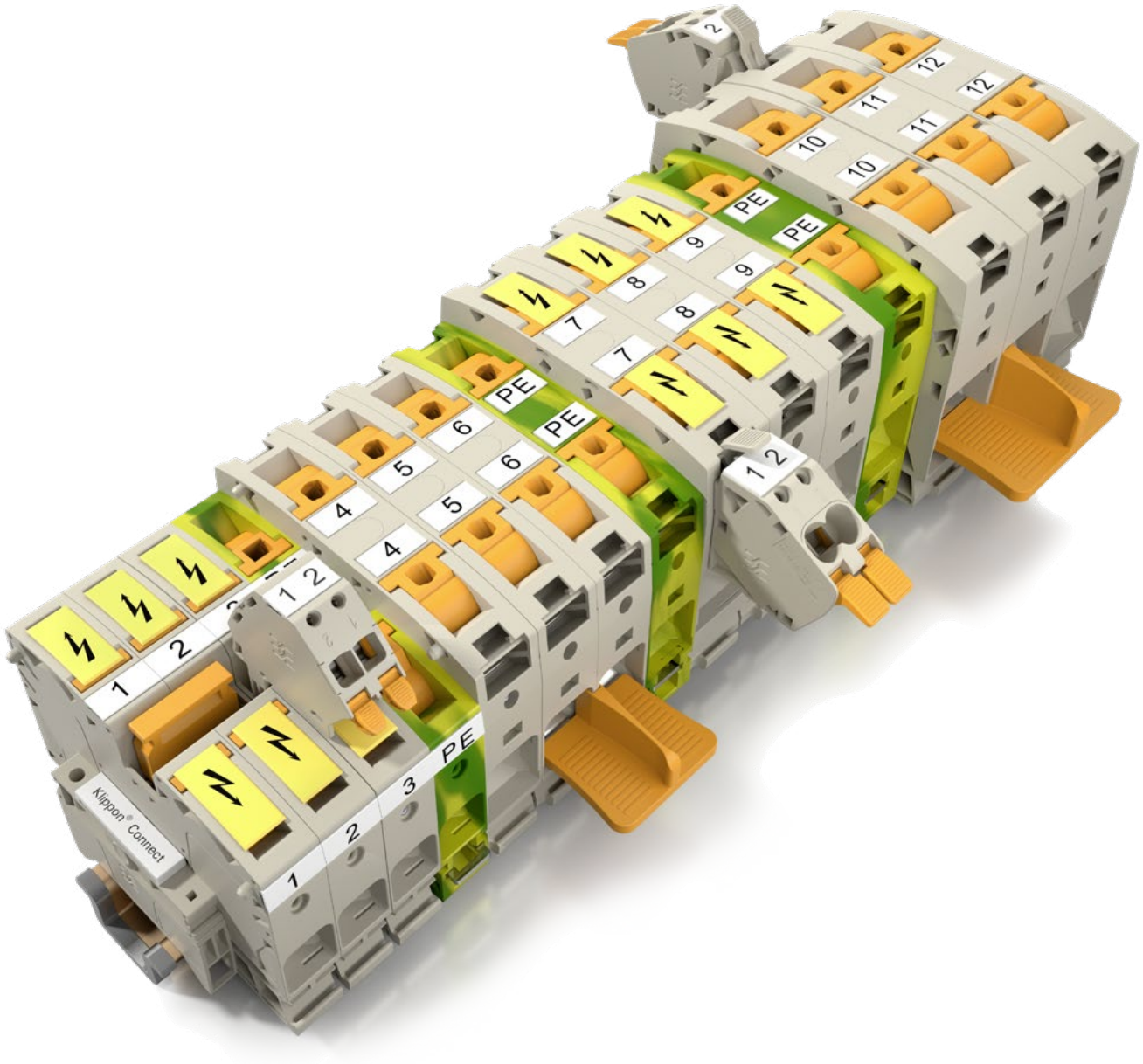
Innovative PUSH IN-Power connection
With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm^2 to 185 mm^2 ensures maximum contact forces.

Pre-aseembled blocks
Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

Standardised testing options
A standard 2.0 mm diameter test tap allows easy and fast testing. Standardized accessories guarantee use in the cross-section ranges from 1.5 mm^2 to 185 mm^2 and ensure a streamline portfolio of accessories.



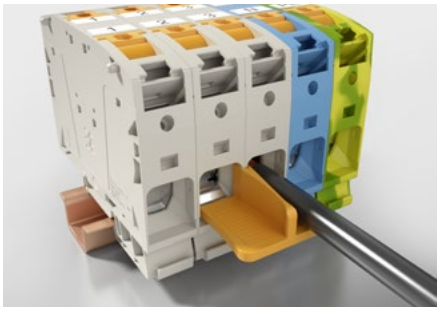


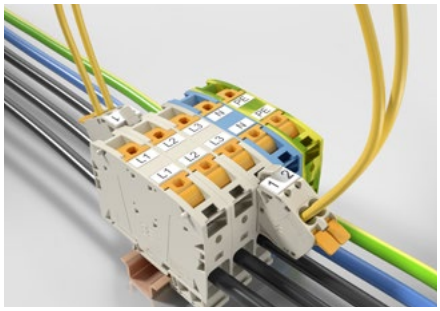


Identification of external voltage
Large-area marker tags direct attention to an external voltage applied. Fixation of the flash markers in the connection areas of 35 mm² to 185 mm² also prevents circuitry in the live state. This ensures greater safety for man and machine.

Efficient potential distribution
The cross connections could be installed tool less by latching the wire inside the connection point. The electrical contact will be given with or without a cable inside the connection point. Thanks to their special design, they could be easily identified with or without any conductor connection.

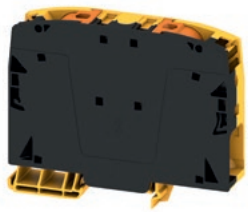
Additional connection for emergency power supply
The additional connection for the cross section from 50 mm² up to 185 mm² enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable tool less wiring of flexible conductors.





Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 50/70	A2C 50/70 FE
	50 mm²	50 mm²
		
Width/Height/Depth mm	20 x 101.5 x 80.5	20 x 101.5 x 80.5
max. current / max. cond. cross-section A/mm²	**150 / 70**	**150 / 70**
Max. clamping range mm²	**10...70**	**10...70**

Technical data

	A2C 50/70	A2C 50/70 FE
Rated data		
Rated voltage V/V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	1000 / 1500	1000 / 1500
for wire cross-section mm²	150	150
Rated impulse withstand voltage / Pollution severity	50	50
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	/ V-0	/ V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	10...16 / 10...70	10...16 / 10...70
Flexible / Flexible with ferrule mm²	10...70 / 10...50	10...70 / 10...50
Stripping length / Blade size mm/-	30 / 1.0 x 5.5 mm	30 / 1.0 x 5.5 mm

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm²

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm²

Note

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 50/70	5	**2663250000**
Blue	A2C 50/70 BL	5	**2663260000**
Green/yellow			
yellow/black			
Note			

Type	Qty.	Order No.
A2C 50/70 FE	5	**2663270000**

Accessories

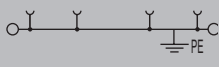
	Type		Qty.	Order No.
Cross connections insertable				
2-pole	ZQV 50/70N/2	150 A	10	**2663400000**
Additional tap				
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**

	Type		Qty.	Order No.
	ZQV 50/70N/2	150 A	10	**2663400000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 V0		20	**2661280000**
	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	PS 2.0 MC		20	**0310000000**
	SDS 1.0X5.5X150		1	**2749380000**
	AAM 35-185 YE FLASH		40	**2635600000**
	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 50/70 PE — 50 mm²

20 x 101.5 x 80.5
/ 70
10...70



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
/ 1500	1000	1000	
50	AWG 8...0	AWG 8...NaN	70 mm²
	/ 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.

Type		Qty.	Order No.
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 50/70-DM — 50 mm²

20 x 134 x 80.5
150 / 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

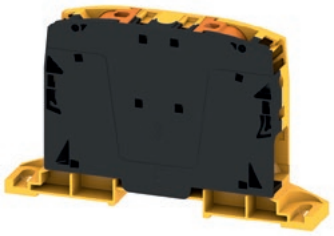
Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

Type		Qty.	Order No.
ZQV 50/70N/2	150 A	10	2663400000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 50/70 FE-DM — 50 mm²



20 x 134 x 80.5
150 / 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	2663350000

Type		Qty.	Order No.
ZQV 50/70N/2	150 A	10	2663400000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 95/120	A2C 95/120 FE
	95 mm²	95 mm²
Width/Height/Depth mm	25 x 101.5 x 90	25 x 101.5 x 90
max. current / max. cond. cross-section A/mm²	**232 / 120**	**232 / 120**
Max. clamping range mm²	**25...120**	**25...120**

Technical data

	A2C 95/120	A2C 95/120 FE
Rated data		
Rated voltage V/V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 1000 / 1500	IEC: 1000 / 1500
for wire cross-section mm²	UL: 600	UL:
Rated impulse withstand voltage / Pollution severity	CSA: 600	CSA:
Gauge to IEC 60947-1 / UL 94 flammability rating	EN 60079-7: 1100	EN 60079-7: 1100
Approvals	232 / 255 / 255 / 211	232 / 211
	95 / AWG 4...250 / AWG 4...250 / 120 mm²	95 / AWG 4...0 / AWG 4...0 / 120 mm²
	8 kV / 3 / V-0	8 kV / 3 / V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors		
Solid / Stranded mm²	25...120 / 25...120	25...120 / 25...120
Flexible / Flexible with ferrule mm²	25...120 / 25...95	25...120 / 25...95
Stripping length / Blade size mm/-	40 / 1.0 x 5.5 mm	40 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 95/120	5	**2694060000**			
Blue	A2C 95/120 BL	5	**2694070000**			
Green/yellow						
yellow/black				A2C 95/120 FE	5	**2694080000**
Note						

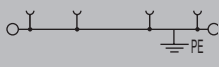
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Cross connections insertable								
2-pole	ZQV 95/120N/2	192 A	10	**2694250000**	ZQV 95/120N/2	192 A	10	**2694250000**
3-pole	ZQV 95/120N/3	192 A	10	**2694260000**	ZQV 95/120N/3	192 A	10	**2694260000**
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**				
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**				
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**				
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**				
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 95/120 PE — 95 mm²

25 x 101.5 x 90
/ 120
25...120



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500			
95	AWG 4...0	AWG 4...0	120 mm²
	/ 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

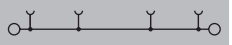
Type	Qty.	Order No.
A2C 95/120 PE	5	**2694090000**

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.

Type		Qty.	Order No.
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 95/120-DM — 95 mm²

25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

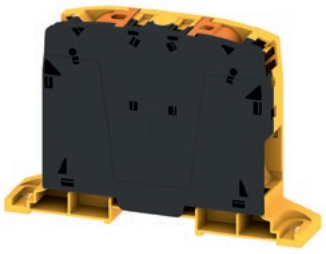
Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

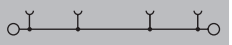
Type	Qty.	Order No.
A2C 95/120-DM	5	**2694150000**
A2C 95/120 BL-DM	5	**2694160000**

Type		Qty.	Order No.
ZQV 95/120N/2	192 A	10	**2694250000**
ZQV 95/120N/3	192 A	10	**2694260000**
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 95/120 FE-DM — 95 mm²



25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

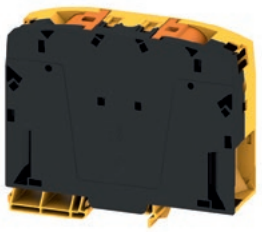
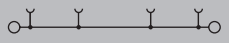
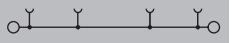
Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	**2694170000**

Type		Qty.	Order No.
ZQV 95/120N/2	192 A	10	**2694250000**
ZQV 95/120N/3	192 A	10	**2694260000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

Terminal blocks for rail mounting

	A2C 150/185	A2C 150/185 FE
	150 mm²	150 mm²
		
Width/Height/Depth mm	31 x 118 x 98	31 x 118 x 98
max. current / max. cond. cross-section A/mm²	**309 / 185** 	**309 / 185** 
Max. clamping range mm²	**50...185**	**50...185**

Technical data

	A2C 150/185	A2C 150/185 FE
Rated data		
Rated voltage V/V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 1000 / 1500 · UL: 600 · CSA: · EN 60079-7: 1100	IEC: 1000 / 1500 · UL: 600 · CSA: · EN 60079-7:
for wire cross-section mm²	IEC: 309 · UL: 310 · CSA: · EN 60079-7: 272	IEC: 309 · UL: 310 · CSA: · EN 60079-7:
Rated impulse withstand voltage / Pollution severity	IEC: 150 · UL: AWG 2...350 · CSA: · EN 60079-7: 185 mm²	IEC: 150 · UL: AWG 2...350 · CSA: · EN 60079-7:
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	B13 / V-0	B13 / V-0
	TUEV16ATEX7909U	
Clamped conductors		
Solid / Stranded mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule mm²	50...150 / 50...185	50...150 / 50...185
Stripping length / Blade size mm/-	50...185 / 50...150	50...185 / 50...150
	40 / 1.0 x 5.5 mm	40 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 150/185	5	**2728700000**			
Blue	A2C 150/185 BL	5	**2728710000**			
yellow/black				A2C 150/185 FE	5	**2728720000**
Note						

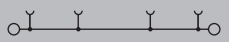
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Cross connections insertable								
2-pole	ZQV 150/185N/2	232 A	5	**2728840000**	ZQV 150/185N/2	232 A	5	**2728840000**
3-pole	ZQV 150/185N/3	232 A	5	**2728850000**	ZQV 150/185N/3	232 A	5	**2728850000**
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**				
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**				
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**				
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**				
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 150/185-DM — 150 mm²

31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm²
	8 kV / 3		
	B13 / V-0		
			TUEV16ATEX7909U

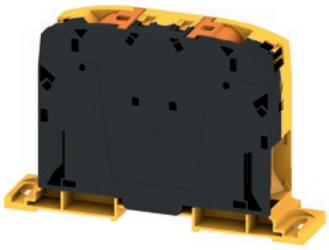
Rated connection
50...150 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

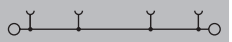
Type	Qty.	Order No.
A2C 150/185-DM	5	2728770000
A2C 150/185 BL-DM	5	2728780000

Type		Qty.	Order No.
ZQV 150/185N/2	232 A	5	2728840000
ZQV 150/185N/3	232 A	5	2728850000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 150/185 FE-DM — 150 mm²



31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm²
	8 kV / 3		
	B13 / V-0		
			TUEV16ATEX7909U

Rated connection
50...150 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 150/185 FE-DM	5	2728790000

Type		Qty.	Order No.
ZQV 150/185N/2	232 A	5	2728840000
ZQV 150/185N/3	232 A	5	2728850000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
WEW 35/1		50	1059000000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C ... 3FT	50 mm²	A2C ... 3FT-FE	50 mm²
Width/Height/Depth mm	60 x 101.5 x 80.5		80 x 101.5 x 80.5	
max. current / max. cond. cross-section A/mm²	**150 / 70**		**150 / 70**	
Max. clamping range mm²	**10...70**		**10...70**	

Technical data

	A2C ... 3FT				A2C ... 3FT-FE			
Rated data								
Rated voltage V/V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000 / 1500	1000	1000		1000 / 1500	1000	1000	
	150	175	175		150	175	175	
	50	AWG 8...0	AWG 8...NaN		50	AWG 8...0	AWG 8...NaN	
Rated impulse withstand voltage / Pollution severity	8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0				/ V-0			
Approvals								
Clamped conductors								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	10...16 / 10...70				10...16 / 10...70			
Stripping length / Blade size mm/-	10...70 / 10...50				10...70 / 10...50			
	30 / 1.0 x 5.5 mm				30 / 1.0 x 5.5 mm			
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.				If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

Ordering data

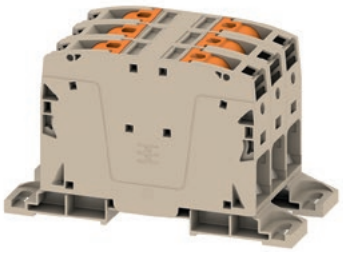
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Clamping range 50 mm² / 70 mm²						
dark beige	A2C 50/70 3FT	1	**2663320000**			
dark beige, blue	A2C 50/70 3FT-N	1	**2663300000**			
dark beige, black/yellow				A2C 50/70 3FT-FE	1	**2663310000**
dark beige, blue, black/yellow				A2C 50/70 3FT-N-FE	1	**2663290000**
Clamping range 95 mm² / 120 mm²						
dark beige	A2C 95/120 3FT	1	**2694140000**			
dark beige, blue	A2C 95/120 3FT-N	1	**2694120000**			
dark beige, black/yellow				A2C 95/120 3FT-FE	1	**2694130000**
dark beige, blue, black/yellow				A2C 95/120 3FT-N-FE	1	**2694100000**
Note	You will find the technical data on the individual products.			You will find the technical data on the individual products.		

Accessories

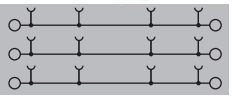
Additional tap	Type		Qty.	Order No.	Type		Qty.	Order No.
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C ... 3FT DM — 50 mm²



60 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
	8 kV / 3		
	/ V-0		

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

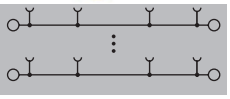
Type	Qty.	Order No.
A2C 50/70 3FT-DM	1	**2663390000**
A2C 50/70 3FT-N-DM	1	**2663370000**
A2C 95/120 3FT-DM	1	**2694230000**
A2C 95/120 3FT-N-DM	1	**2694200000**

You will find the technical data on the individual products.

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C ... 3FT-FE DM — 50 mm²

80 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
	8 kV / 3		
	/ V-0		

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT-FE-DM	1	**2663380000**
A2C 50/70 3FT-N-FE-DM	1	**2663360000**
A2C 95/120 3FT-FE-DM	1	**2694220000**
A2C 95/120 3FT-N-FE-DM	1	**2694180000**

You will find the technical data on the individual products.

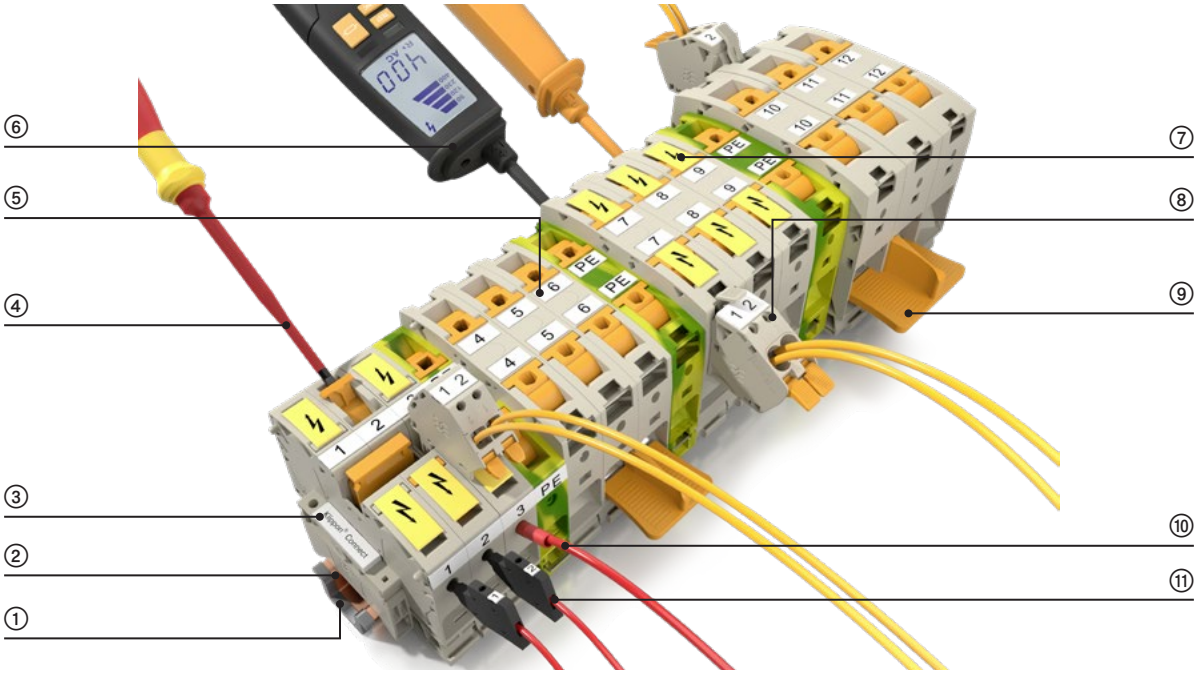
Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

Mounting in compliance with norms

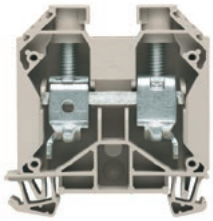
Thanks to precisley matched accessories for the A2C 50/70 to A2C 150/185

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Number	Description	Type	Rated voltage	Rated Current	Dimensions	Colour	Qty.	Order No.
1	End cap mounting rail	TS END CAP 35X15			37.5 x 16.5 x 7 mm	grey	100	**1283480000**
2	Mounting rail	TS 35X15/2.3M/CU/BK			35 x 15 x 2000 mm		2	**0270100000**
3	End brackets	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	**1991920000**
4	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	**2749380000**
5	Terminal block marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	**2619910000**
6	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	**9918870000**
7	Flash cover	AAM 35-185 YE FLASH			12 x 23.5 x 6.8 mm	yellow	40	**2635600000**
8	Additional voltage tap	AAC 50-185 2X10	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	dark beige	5	**2663420000**
8	Additional voltage tap	AAC 50-185 2X10 BL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	blue	5	**2663430000**
8	Additional voltage tap	AAC 50-185 2X10 BK-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	black/yellow	5	**2663450000**
8	Additional voltage tap	AAC 50-185 2X10 GN-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	green/yellow	5	**2663440000**
9	Cross connection	ZQV 150/185N/2	1000 V AC / 1500 V DC	232 A	88.32 x 82.26 x 25.6 mm	orange	5	**2728840000**
9	Cross connection	ZQV 150/185N/3	1000 V AC / 1500 V DC	232 A	57.32 x 82.26 x 25.6 mm	orange	5	**2728850000**
9	Cross connection	ZQV 95/120N/2	1000 V AC / 1500 V DC	232 A	48.07 x 76.91 x 22.5 mm	orange	10	**2694250000**
9	Cross connection	ZQV 95/120N/3	1000 V AC / 1500 V DC	232 A	73.07 x 76.91 x 22.5 mm	orange	10	**2694260000**
9	Cross connection	ZQV 50/70N/2	1000 V AC / 1500 V DC	150 A	38.13 x 68.18 x 17.1 mm	orange	10	**2663400000**
10	Test probe	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	4.3 x 4.3 x 27 mm	red	20	**0310000000**
11	Test probe	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	3.5 x 15.5 x 52 mm	black	50	**1991890000**

	WDU 35	35 mm²	WDU 35N	35 mm²
				
Width/Height/Depth mm	16 x 60 x 62.5		16 x 66 x 50.5	
max. current / max. cond. cross-section A/mm²	**150 / 50**		**150 / 50**	
Max. clamping range mm²	**2.5...50**		**2.5...50**	

Technical data

	WDU 35				WDU 35N			
Rated data								
Rated voltage V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000	1000	600	690	500	1000	300	352
Rated impulse withstand voltage / Pollution severity	125	150	150	115	125	150	120	110
Gauge to IEC 60947-1 / UL 94 flammability rating	35	AWG 12...0	AWG 12...NaN	35 mm²	35	AWG 12...0	AWG 12...2	35 mm²
Approvals	8 kV / 3				6 kV / 3			
	B9 / V-0				B8, B9 / V-0			
	DEMKO14ATEX1338U				DEMKO14ATEX1338U			
Clamped conductors	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	2.5...16 / 2.5...50				2.5...16 / 2.5...50			
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35				2.5...35 / 2.5...35			
Tightening torque / Clamping screw Nm	4...5 / (M 6)				4...5 / (M 6)			
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm				18 / 6.5 x 1.2 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -	/ 16...16							
Flexible / Flexible with ferrule mm²	2.5...16 / 2.5...16				2.5...6 / 2.5...6			
Note								

Ordering data

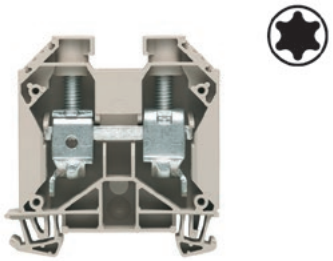
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige						
Blue						
without peg / dark beige	WDU 35	40	**1020500000**	WDU 35N	20	**1040400000**
Note						

Accessories

	WDU 35				WDU 35N			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 35/2	138 A	50	**1053060000**	WQV 35N/2	125 A	20	**1079200000**
10-pole	WQV 35/10	112 A	10	**1053160000**				
4-pole					WQV 35N/4	125 A	20	**1079400000**
3-pole								
End plate / Partition plate								
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WTW EN		20	**1058800000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**				
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**				
dark beige					WEW 35/2		50	**1061200000**
Cover								
black/yellow	WAD 12 MC B GE/SW		32	**2445090000**				
white	WAD 12 MC NE WS		32	**2445070000**				
With lightning flash symbol					WAD 16N GE BED		50	**1083600000**
Blank, white								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Additional connection								
10 mm²								
4mm²								
Screwdriver								
Standard								

For detailed information on other accessories and application in the online catalogue

WDU 35 IR — 35 mm²



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

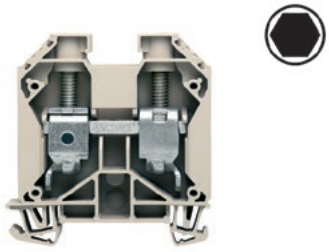
IEC	UL	CSA	EN 60079-7
1000	1000		690
125	150		115
35	AWG 12...0		35 mm²
8 kV / 3			
B8, B9 / V-0			
DEMKO14ATEX1338U			

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / TX 20	

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type		Qty.	Order No.
WQV 35/2	138 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 MC B GE/SW		32	2445090000
WAD 12 MC NE WS		32	2445070000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

WDU 35 IK — 35 mm²



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm²
8 kV / 3			
B8, B9 / V-0			
DEMKO14ATEX1338U			

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 / (M 6)	
18 / S4 (DIN 6911)	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	1020600000

Type		Qty.	Order No.
WQV 35/2	138 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 MC B GE/SW		32	2445090000
WAD 12 MC NE WS		32	2445070000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

WDU 50N — 50 mm²

18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

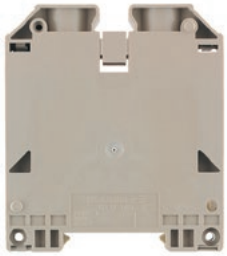
IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm²
8 kV / 3			
B10 / V-0			
DEMKO14ATEX1338U			

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	
/ 6...16	
6...16 / 6...16	

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000

Type		Qty.	Order No.
WQV 50N/2	150 A	5	1834060000
WQV 50N/4	150 A	5	1834080000
WQV 50N/3	150 A	5	1834070000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
WZAD 50N	41 A	5	1872720000
SKS 2,0-8,0 MR		1	9008870000

Power feed-in
Screw connection

	WDU 50N IR	50 mm²	WDU 70N	70 mm²
				
Width/Height/Depth mm	18.5 x 70 x 69.6		20.5 x 75 x 85	
max. current / max. cond. cross-section A/mm²	**192 / 70**		**232 / 95**	
Max. clamping range mm²	**10…70**		**16…95**	

Technical data

IEC 60947-7-1				Ex eb II C Gb	Ex II 2 G D	
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**		
Rated voltage V	1000			690	1000	600	600	690
Rated current A	150			126	192	150	150	184
for wire cross-section mm²	50			50 mm²	70	AWG 6…0	AWG 6…0	70 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B10 / V-0				B11 / V-0	
Approvals				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	10…16 / 10…70				16…16 / 16…95			
Flexible / Flexible with ferrule mm²	10…50 / 10…50				16…70 / 16…50			
Tightening torque / Clamping screw Nm	3…6 / (M 6)				8…12 / (M 8)			
Stripping length / Blade size mm/-	24 / TX 20				22 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -	/ 6…16				/ 10…25			
Flexible / Flexible with ferrule mm²	6…16 / 6…16				10…25 / 6…25			
Note								

Ordering data

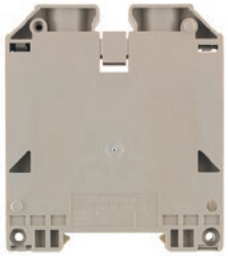
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDU 50N IR	10	**1186630000**	WDU 70N/35	10	**9512190000**
Blue				WDU 70N/35 BL	10	**9512420000**
without peg / dark beige						
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 50N/2	150 A	5	**1834060000**	WQV 70N/2	192 A	5	**9512240000**
10-pole								
4-pole	WQV 50N/4	150 A	5	**1834080000**	WQV 70N/4	192 A	5	**9531290000**
3-pole	WQV 50N/3	150 A	5	**1834070000**	WQV 70N/3	192 A	5	**9512250000**
End plate / Partition plate								
dark beige								
Blue								
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
dark beige								
Cover								
black/yellow								
white								
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**	WAD 20 GE WSD		10	**9512260000**
Blank, white								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Additional connection								
10 mm²	WZAD 50N	41 A	5	**1872720000**	WZAD 70N	41 A	5	**1964830000**
4mm²								
Screwdriver								
Standard	TH-S 9-40		1	**9008880000**	SKS 2,0-8,0 MR		1	**9008870000**

For detailed information on other accessories and application in the online catalogue

WDU 70N IR — 70 mm²



20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		
	8 kV / 3		
	B11 / V-0		

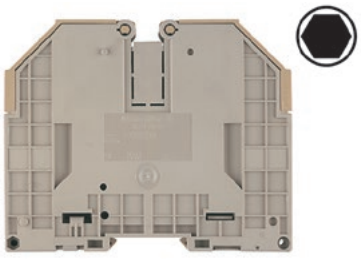
Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	**1393420000**

Type		Qty.	Order No.
WQV 70N/2	192 A	5	**9512240000**
WQV 70N/4	192 A	5	**9531290000**
WQV 70N/3	192 A	5	**9512250000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
WZAD 70N	41 A	5	**1964830000**
TH-S 9-40		1	**9008880000**

WDU 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 107
232 / 120
13.3...120

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
232	175	205	218
95	AWG 6...0	AWG 6...0	95 mm²
	8 kV / 3		
	B12 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...50	
6...12 / (M 8)	
30 / S6 (DIN 6911)	
/ 16...35	
16...35 / 16...35	

Type	Qty.	Order No.
WDU 70/95	10	**1024600000**
WDU 70/95 BL	10	**1024680000**

Type		Qty.	Order No.
WQV 70/95/2	232 A	5	**1063500000**
WQV 70/95/3	232 A	5	**1063600000**
WEW 35/1		50	**1059000000**
WAD 27 B GE/SW		10	**1062860000**
WAD 27 NE WS		10	**1062960000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WZAD 70/95	32 A	10	**1066000000**
SKS 2,0-8,0 MR		1	**9008870000**

WDU 95N/120N — 120 mm²

27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

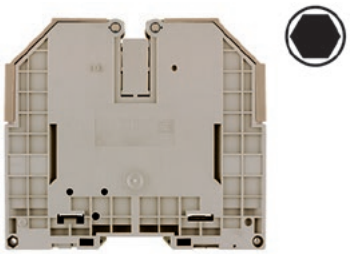
IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm²
	8 kV / 3		
	B13 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 / (M 10)	
27 / S6 (DIN 6911)	
35...10 / 10...35	
16...35 / 10...35	

Type	Qty.	Order No.
WDU 95N/120N	5	**1820550000**
WDU 95N/120N BL	5	**1820560000**

Type		Qty.	Order No.
WQV 95N/120N/2	269 A	5	**1826890000**
WQV 95N/120N/4	269 A	5	**1826910000**
WQV 95N/120N/3	269 A	5	**1826900000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WZAD 95N/120N	41 A	5	**1859580000**
SKS 2,0-8,0 MR		1	**9008870000**

	WDU 120/150	WDU 240
	120 mm²	240 mm²
	Conductor can be inserted from above / leaf spring	
		
Width/Height/Depth mm	32 x 132 x 117	36 x 100 x 123.7
max. current / max. cond. cross-section A/mm²	309 / 150	415 / 240
Max. clamping range mm²	33.63...150	70...240

Technical data

	WDU 120/150	WDU 240
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb, Ex e II, II 2 G D	Ex e II, II 2 G D
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	225	285	265
120	AWG 2...250	AWG 2...250	150 mm²
1000	600	600	1100
415	380	400	350
240		AWG 0...500	240 mm²

	WDU 120/150	WDU 240
	8 kV / 3	8 kV / 3
	B13 / V-0	B15 / V-0
	DEMKO14ATEX1338U	KEMA01ATEX2186U
Clamped conductors		
Solid / Stranded mm²	35...150 / 35...150	70...185 / 70...240
Flexible / Flexible with ferrule mm²	35...150 / 35...150	70...240 / 70...185
Tightening torque / Clamping screw Nm	10...20 / (M 10)	25...30 / (M 10)
Stripping length / Blade size mm/-	35 / S6 (DIN 6911)	40 / S8 (DIN 6911)
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -	/ 35...70	/ 35...95
Flexible / Flexible with ferrule mm²	35...70 / 35...70	50...95 / 35...50
Note		

Rated connection	Further connection	Rated connection	Further connection

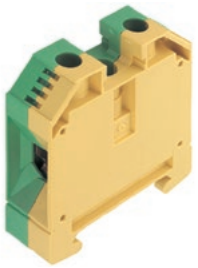
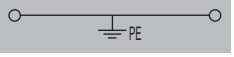
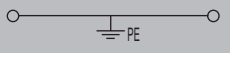
Ordering data

Version	WDU 120/150 Type	Qty.	Order No.	WDU 240 Type	Qty.	Order No.
dark beige	WDU 120/150	10	1024500000	WDU 240	2	1802780000
Blue	WDU 120/150 BL	10	1024580000	WDU 240 BL	2	1822210000
without peg / dark beige						
Note						

Accessories

	WDU 120/150 Type		Qty.	Order No.	WDU 240 Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 120/2	269 A	5	1063300000	WQB 240/2	320 A	5	1802790000
10-pole								
4-pole								
3-pole	WQV 120/3	292 A	5	1063400000	WQB 240/3	320 A	5	1802800000
End plate / Partition plate								
dark beige								
Blue								
End bracket								
dark beige, screwable	WEW 35/1		50	1059000000	WEW 35/1		50	1059000000
dark beige								
Cover								
black/yellow								
white								
With lightning flash symbol	WAD 27 B GE/SW		10	1062860000				
Blank, white	WAD 27 NE WS		10	1062960000				
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000
Additional connection								
10 mm²					WZAD 240	57 A	5	1802810000
4mm²	WZAD120		10	1066100000				
Screwdriver								
Standard	SKS 2,0-8,0 MR		1	9008870000	SKS 2,0-8,0 MR		1	9008870000

For detailed information on other accessories and application in the online catalogue

	WPE 35	35 mm²	WPE 35N	35 mm²
				
Width/Height/Depth mm	16 x 56 x 62.5		16 x 66 x 50.5	
max. current / max. cond. cross-section -/mm²	/ 35		/ 50	
Max. clamping range mm²	2.5...35		2.5...50	
	IEC 60947-7-2	Ex eb II C Gb II 2 G D	IEC 60947-7-2	Ex eb II C Gb II 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current	4200 A (35 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B8 / V-0			
Approvals				
Clamped conductors				
Solid / Stranded mm²	2.5...50 / 2.5...50			
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35			
Tightening torque / Clamping screw Nm	4...5 / (M 6)			
Tightening torque for fixing screw	1.2...2.4 Nm			
Stripping length / Blade size mm	18 / 6.5 x 1.2 mm			

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	35	AWG 12...2		35 mm²
Rated voltage to adjoining terminal V	400			
Rated impulse withstand voltage to adjacent terminal kV	6			
Rated short-time current	4200 A (35 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B8 / V-0			
Approvals				
Clamped conductors				
Solid / Stranded mm²	2.5...16 / 2.5...50			
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35			
Tightening torque / Clamping screw Nm	4...5 / (M 6)			
Tightening torque for fixing screw	1.2...2.4 Nm			
Stripping length / Blade size mm	18 / 6.5 x 1.2 mm			

Note		

Ordering data

Version	Type	Qty.	Order No.
Green/yellow			
green/yellow	WPE 35	25	1010500000
Note			

Type	Qty.	Order No.
WPE 35N	20	1717740000

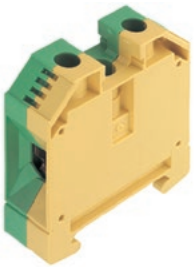
Accessories

PEN bridge	Type		Qty.	Order No.
	WQB-PEN 35	135 A	10	1060100000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Screwdriver				
Standard	SDS 1.2X6.5X150		1	2749390000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000

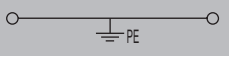
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WPE 35/IKSC — 35 mm²



16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

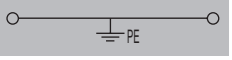
Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
5/ (M 6)
1.2...2.4 Nm
18 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35 135 A	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WPE 50N — 50 mm²

18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm²
1000			
8			
6000 A (50 mm²)			
3			
B10 / V-0			

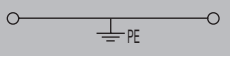
Rated connection
10...16 / 10...70
10...50
4...6 / (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N 150 A	5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

WPE 70N/35 — 70 mm²

20.5 x 75 x 85
/ 95
16...95



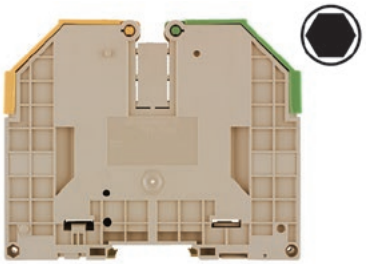
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
70	AWG 6...0	AWG 6...0	70 mm²
1000			
8			
8400 A (70 mm²)			
3			
B11 / V-0			

Rated connection
16...16 / 16...95
16...70 / 16...50
8...12 / (M 8)
2.0...4.0 Nm
22 / S6 (DIN 6911)

Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Type	Qty.	Order No.
WQV 70N-PEN 192 A	5	9525840000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

	WPE 95N/120N	WPE 70/95
	95 mm²	95 mm²
		Conductor can be inserted from above / leaf spring
		
Width/Height/Depth mm	27 x 91 x 90	27 x 132 x 107
max. current / max. cond. cross-section -/mm²	/ 150	/ 120
Max. clamping range mm²	16...150	13.3...120
	PE	PE

Technical data

	WPE 95N/120N	WPE 70/95
	IEC 60947-7-2	IEC 60947-7-2
	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Rated data	**IEC / UL / CSA / EN 60079-7**	**IEC / UL / CSA / EN 60079-7**
for wire cross-section mm²	95 / AWG 4...0 / AWG 4...0 / 120 mm²	95 / AWG 6...0 / AWG 6...0 / 95 mm²
Rated voltage to adjoining terminal V	1000	1000
Rated impulse withstand voltage to adjacent terminal kV	8	8
Rated short-time current	11400 A (95 mm²)	11400 A (95 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	B13 / V-0	B12 / V-0
Approvals		
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	16...16 / 16...150	16...16 / 16...120
Flexible / Flexible with ferrule mm²	16...120	16...95 / 35...50
Tightening torque / Clamping screw Nm	16...20 / (M 10)	6...12 / (M 8)
Tightening torque for fixing screw	3.0...4.0 Nm	3.0...6.0 Nm
Stripping length / Blade size mm	27 / S6 (DIN 6911)	30 / S6 (DIN 6911)
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow						
green/yellow	WPE 95N/120N	5	1846030000	WPE 70/95	10	1037300000
Note						

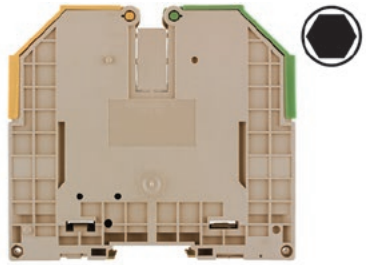
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
PEN bridge	WQV PEN 95N/120N	269 A	5	9201630000	WQV 70/95-PEN	232 A	5	1072300000
End bracket	WEW 35/1		50	1059000000	WEW 35/1		50	1059000000
dark beige, screwable								
dark beige								
Screwdriver	SKS 2,0-8,0 MR		1	9008870000	SKS 2,0-8,0 MR		1	9008870000
Standard								
Marking tags	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000

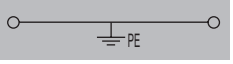
For detailed information on other accessories and application in the online catalogue

WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
/ 150
33.62...150



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm²
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

Rated connection
35...150 / 35...150
35...150 / 35...50
10...20 / (M 10)
3.0...6.0 Nm
35 / S6 (DIN 6911)

Type	Qty.	Order No.
WPE 120/150	10	1019700000

Type		Qty.	Order No.
WQV 120-PEN	292 A	5	1072400000
WEW 35/1		50	1059000000
SKS 2,0-8,0 MR		1	9008870000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Reliable and efficient power supply
Really convenient with Klippon® Connect

A growing number of industrial applications needs to fit a large amount of technology into a very dense space. Different connection types must thereby be interchangeable, because cost-saving aluminium often replaces copper.

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option.

Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.

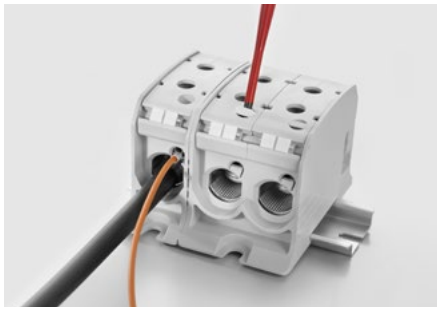
Compact and robust design
Klippon® Connect power feed-in terminal blocks WPD boast a wide range of features, including a compact and robust design.

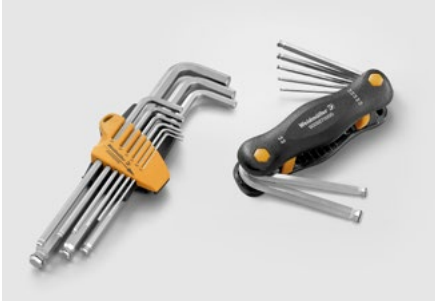
Al and Cu

Uninterrupted monitoring
Small power supply and monitoring connections can be installed without disconnecting any previously connected terminal blocks.

Easy and flexible mounting
The possibility of direct mounting and the compatibility with the 35-mm DIN rail in accordance with EN 60715 and EN 50022 allow fast processing and installation.

Socket wrench sets
Weidmüller offers fitting SK WSD-S Allen keys DIN ISO 2936 L (DIN 911) made from fully hardened high-alloy chromium-vanadium-steel with a high-quality refined surface for the blocks.





Professional connection of aluminum wires

Direct connection of aluminum wires in terminal blocks

Economic development and industrialization in most emerging countries are causing raw material prices on the world market to rise rapidly. The price ratio between copper and aluminum has risen to a factor of 1:4, which in turn makes aluminum an interesting wire material for many industries.

The ease of handling and the laying of aluminum conductors, which are up to 70 percent lighter, are causing customers to rethink their approach, especially when it comes to conductor cross-sections larger than 16 mm². When connecting such aluminum conductors in electrical connection technology, several general conditions must be met to ensure that the conductor is contacted safely and with long-term stability at the clamping point.

Further information on this topic:
Connection of aluminum conductors

Transition from aluminum to copper conductor

Weidmüller's WPD terminal blocks enable a simple, safe and cost-effective transition from aluminum conductors to copper conductors within the switchgear cabinet.

For example, a supply line for the switchgear can be made from aluminum conductors on one side of the WPD terminal block and further wiring on the opposite side of the terminal block with copper conductors. The pretreatment of the aluminum conductor and the required torques can be found in the respective product data sheets.

Professional processing and handling of aluminium conductors for direct connection

In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.

Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.

Note: The current carrying capacity and respective torques for the connection of aluminum wires in the terminal blocks must always be observed. These can be found on the respective data sheet or in the online catalog.

1 Scrape the conductor evenly on all sides.

2 Cover the conductor all around with neutral grease.

3 Direct connection in our WPD blocks with specified torque.

Power feed-in
Screw connection

W-Series
WPD 130 1X50/1X50

WPD 130	50 mm²

WPD 230	50 mm²

Width / Height / Depth	**mm**	**22 / 70 / 45**
max. current / max. conductor	**A/mm²**	**150 / 50**
max. clamping range	**mm²**	**2.5...50**

Width / Height / Depth	**mm**	**35.6 / 70 / 45**
max. current / max. conductor	**A/mm²**	**150 / 50**
max. clamping range	**mm²**	**2.5...50**

Technical data

Rated data		IEC 60947-7-1				IEC 60947-7-1			
		II 2 GD Ex eb IIC Gb				II 2 GD Ex eb IIC Gb			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000		880	1000	1000		880
Rated current	A	150	150		150	150	150		150
for wire cross-section	mm²	50	AWG 10...1/0		50	50	AWG 10...1/0		50
Short Circuit Current Rating (SCCR)			100 kA				100 kA		
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Overvoltage category / UL 94 flammability rating			III / V-0				III / V-0		
Approvals		CNEX18ATEX0016U				CNEX18ATEX0016U			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	2.5...50 / 2.5...50				2.5...50 / 2.5...50			
Flexible with ferrule	mm²	2.5...35				2.5...35			
Stripping length / Blade size	mm/-	16 / M10 (SW 5 mm)				16 / M10 (SW 5 mm)			
Tightening torque	Nm	see appendix at the end of the chapter				see appendix at the end of the chapter			
Note						Imax: 300 A with the connection of 4 x 50 mm²			

Ordering data

Version	Type	Qty.	Order No.
light grey	WPD 130 1X50/1X50 GY	9	2502530000
blue	WPD 130 1X50/1X50 BL	9	2502540000
green	WPD 130 1X50/1X50 GN	9	2502550000
brown	WPD 130 1X50/1X50 BN	9	2502560000
black	WPD 130 1X50/1X50 BK	9	2502570000
brown / black / light grey			
green / light grey / blue			
Note			

Type	Qty.	Order No.
WPD 230 2X50/2X50 GY	5	2502580000
WPD 230 2X50/2X50 BL	5	2502590000
WPD 230 2X50/2X50 GN	5	2502600000
WPD 230 2X50/2X50 BN	5	2502610000
WPD 230 2X50/2X50 BK	5	2502950000

Accessories

Protective cover	Type	Qty.	Order No.
light grey	WPDPC X30 GY	54	2503330000
End bracket			
grey	WEW 35/2 GR 7042	100	1859200000
black	AEB 35 SC/1 BK	50	2475310000
Screwdriver			
SET	SK WSD-S 1,5-10,0	1	9008850000
Identification systems			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 330 — 50 mm²

56.5 / 70 / 45
150 / 50
2.5...50

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
150	150		150
50	AWG 10...1/0		50
	100 kA		
	8 kV / 3		
	III / V-0		

CNEX18ATEX0016U

Rated connection
2.5...50 / 2.5...50
2.5...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 330 3X50/3X50 3XGY	3	2502620000
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	3	2502650000
WPD 330 1XGY/1XBL/1XGN	3	2502640000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 330CC — 50 mm²

51.2 / 70 / 45
150 / 50
2.5...50

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	150		
50	AWG 10...1/0		
	100 kA		
	8 kV / 3		
	III / V-0		

Rated connection
2.5...50 / 2.5...50
2.5...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter
Imax: 450 A with the connection of 6 x 50 mm²

Type	Qty.	Order No.
WPD 330CC 3X50/3X50 GY	3	2874510000
WPD 330CC 3X50/3X50 BL	3	2874520000
WPD 330CC 3X50/3X50 GN	3	2874530000
WPD 330CC 3X50/3X50 BN	3	2874540000
WPD 330CC 3X50/3X50 BK	3	2874550000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 530 — 50 mm²

93 / 70 / 45
150 / 50
2.5...50

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
	100 kA		
	8 kV / 3		
	III / V-0		

Rated connection
2.5...50 / 2.5...50
2.5...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 530 5X50/5X50 3XGY/1XBL/1XGN	24	2935040000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

Power feed-in
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

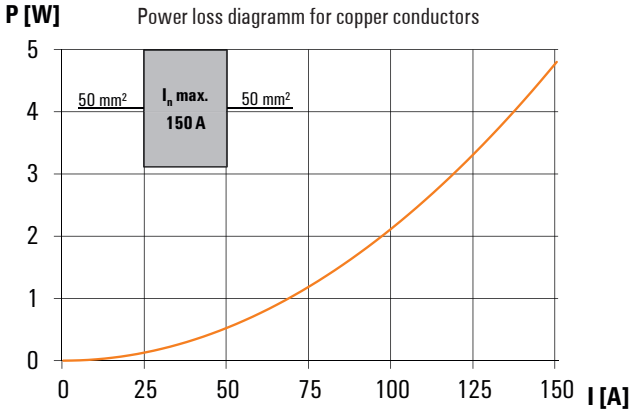
Input (x1) / Output (x1)	Copper		Aluminium	
50 mm²	10 Nm		14 Nm	14 Nm
35 mm²		10 Nm		
25 mm²	8 Nm	8 Nm	12 Nm	10 Nm
16 mm²			10 Nm	
10 mm²	6 Nm	6 Nm		
6 mm²				
4 mm²				
2.5 mm²				
max. current with 2 x 50 mm² (acc. to IEC)	300 A		270 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
AWG 1/0	123.9Lb In.		123.9Lb In.	123.9Lb In.
AWG 2		123.9Lb In.		
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current at 1 x 50 mm² (acc. to UL)	150 A		120 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

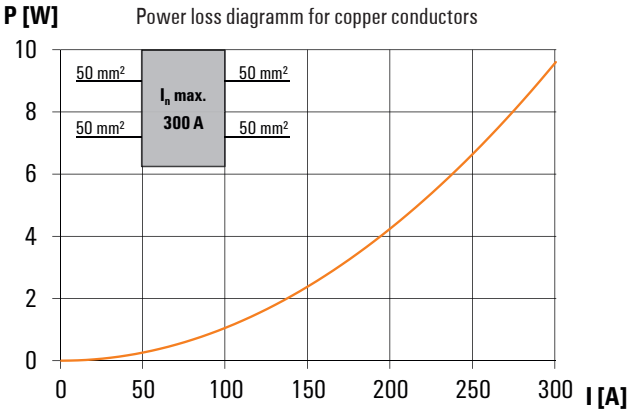
Stranded | Solid | Flexible with ferrule | Sector shaped

Diagrams

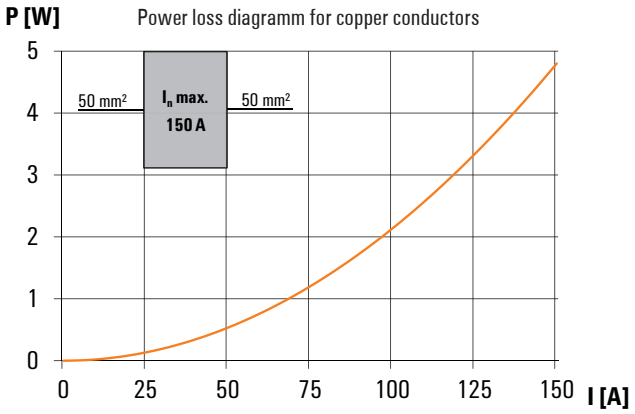
WPD 130



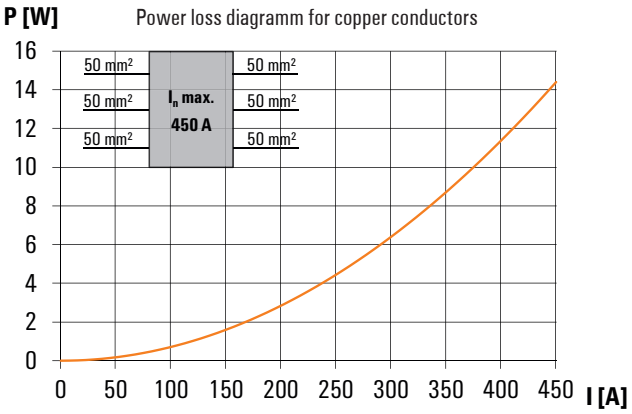
WPD 230



WPD 330



WPD 330CC



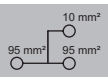
Power feed-in
Screw connection

W-Series
WPD 131 1X95/1X95

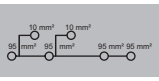
	WPD 131	95 mm²

	WPD 231	95 mm²

Width / Height / Depth	28 / 93 / 57	mm
max. current / max. conductor	232 / 95	A/mm²
max. clamping range	10...95	mm²



Width / Height / Depth	47 / 93 / 57	mm
max. current / max. conductor	232 / 95	A/mm²
max. clamping range	10...95	mm²



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm²	mm²
	Auxiliary connection 6 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm²	mm²
	Auxiliary connection 6 mm²	mm²
Flexible with ferrule	95 mm²	mm²
	Auxiliary connection 6 mm²	mm²
Stripping length / Blade size	95 mm²	mm/–
	Auxiliary connection 6 mm²	mm/–
Tightening torque		Nm
Note		

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	1000		880
232	200		232
95	AWG 8...3/0		95
6	AWG 16...8		6
	100 kA		
	8 kV / 3		
	III / V-0		
CNEX18ATEX0016U			
Rated connection			
10...95 / 10...95			
1.5...10 / 1.5...10			
10...70			
1.5...6			
26 / M14 (SW 6)			
10 / M4 (+/- PZ2)			
see appendix at the end of the chapter			

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	1000		880
232	200		232
95	AWG 8...3/0		95
6	AWG 16...8		6
	100 kA		
	8 kV / 3		
	III / V-0		
CNEX18ATEX0016U			
Rated connection			
10...95 / 10...95			
1.5...10 / 1.5...10			
10...70			
1.5...6			
26 / M14 (SW 6)			
10 / M4 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 464 A with the connection of 4 x 95 mm²			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 131 1X95/1X95 GY	2	2503090000
WPD 131 1X95/1X95 BL	2	2502660000
WPD 131 1X95/1X95 GN	2	2502670000
WPD 131 1X95/1X95 BN	2	2502680000
WPD 131 1X95/1X95 BK	2	2502690000

Type	Qty.	Order No.
WPD 231 2X95/2X95 GY	1	2502700000
WPD 231 2X95/2X95 BL	1	2502710000
WPD 231 2X95/2X95 GN	1	2502720000
WPD 231 2X95/2X95 BN	1	2502730000
WPD 231 2X95/2X95 BK	1	2502740000

Accessories

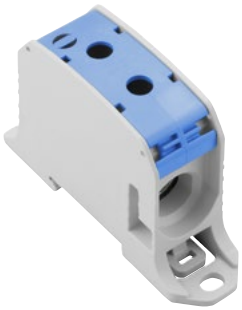
Protective cover		
	light grey	
End bracket		
	grey	
	black	
Screwdriver		
	SET	
Identification systems		

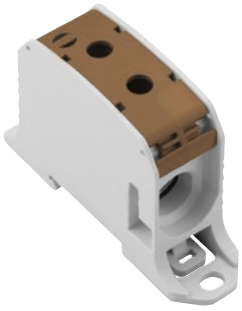
Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

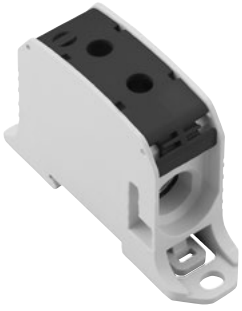
Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 331CC

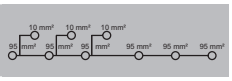
95 mm²







66 / 93 / 57	
232 / 95	
10...95	



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
232	200		
95	AWG 8...3/0		
6	AWG 16...8		
	100 kA		
	8 kV / 3		
	III / V-0		

Rated connection
10...95 / 10...95
1.5...10 / 1.5...10
10...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)
see appendix at the end of the chapter
Imax: 696 A with the connection of 6 x 95 mm²

Type	Qty.	Order No.
WPD 331CC 3X95/3X95 GY	1	**2874560000**
WPD 331CC 3X95/3X95 BL	1	**2874580000**
WPD 331CC 3X95/3X95 GN	1	**2874600000**
WPD 331CC 3X95/3X95 BN	1	**2874590000**
WPD 331CC 3X95/3X95 BK	1	**2874570000**

Type	Qty.	Order No.
WPDPC X31 GY	20	**2503370000**
WEW 35/2 GR 7042	100	**1859200000**
AEB 35 SC/1 BK	50	**2475310000**
SK WSD-S 1,5-10,0	1	**9008850000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MM WS	800	**2007150000**

Power feed-in
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
95 mm²	19 Nm		22,6 Nm	22,6 Nm
70 mm²		19 Nm		
50 mm²				
35 mm²				
25 mm²	14 Nm	14 Nm		
16 mm²				
10 mm²				
max. current with 2 x 95 mm² (acc. to IEC)	464 A		200 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
AWG 3/0	200Lb In.		200Lb In.	123.9Lb In.
AWG 2/0		200Lb In.		
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current at 1 x 95 mm² (acc. to UL)	200 A		155 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

	Copper	
10 mm²	1,2 Nm	
6 mm²		1,2 Nm
4 mm²		
2.5 mm²		
1.5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
AWG 8	20.3Lb In.	
AWG 10		20.3Lb In.
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

Stranded

Solid

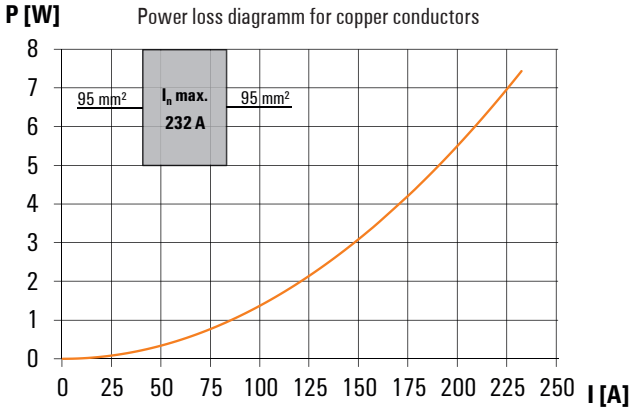
Flexible with ferrule

 Sector shaped

Diagrams

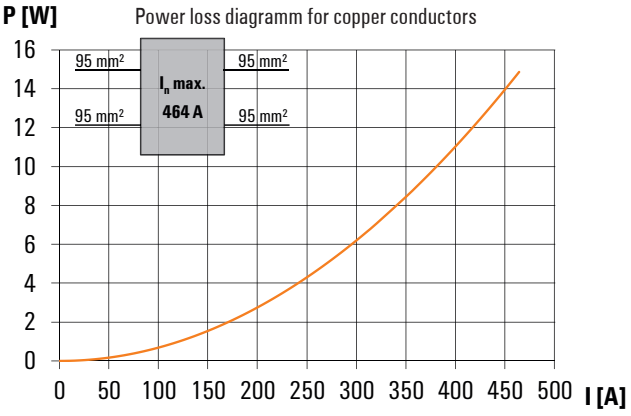
WPD 131

Power loss diagramm for copper conductors



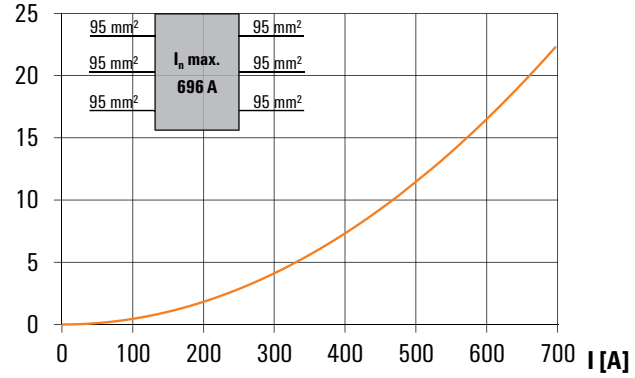
WPD 231

Power loss diagramm for copper conductors



WPD 331CC

Power loss diagramm for copper conductors



W-Series
WPD 132 1X185/1X185

	WPD 132	185 mm²	WPD 232	185 mm²
Width / Height / Depth	37,5 / 105 / 73.5		67,6 / 105 / 73.5	
max. current / max. conductor	353 / 185		353 / 185	
max. clamping range	25...185		25...185	

Technical data

Rated data			WPD 132	WPD 232
Rated voltage		V	1000	1000
Rated current		A	353	353
for wire cross-section	185 mm²	mm²	185 AWG 4...kcmil 350	185 AWG 4...kcmil 350
	Auxiliary connection 6 mm²	mm²	6 AWG 16...8	6 AWG 16...8
Short Circuit Current Rating (SCCR)			100 kA	100 kA
Rated impulse withstand voltage / Pollution severity			8 kV / 3	8 kV / 3
Overvoltage category / UL 94 flammability rating			III / V-0	III / V-0
Approvals			IEC 60947-7-1 · II 2 GD Ex eb IIC Gb · IEC · UL · CSA · EN 60079-7 · CNEX18ATEX0016U	IEC 60947-7-1 · II 2 GD Ex eb IIC Gb · IEC · UL · CSA · EN 60079-7 · CNEX18ATEX0016U
Clamped conductors (H05V/H07V)				
Solid / Stranded	185 mm²	mm²	95...185 / 95...185	95...185 / 95...185
	Auxiliary connection 6 mm²	mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Flexible with ferrule	185 mm²	mm²	25...150	25...150
	Auxiliary connection 6 mm²	mm²	1.5...6	1.5...6
Stripping length / Blade size	185 mm²	mm/–	29 / M18 (SW 10)	29 / M18 (SW 10)
	Auxiliary connection 6 mm²	mm/–	10 / M4 (+/- PZ2)	10 / M4 (+/- PZ2)
Tightening torque		Nm	see appendix at the end of the chapter	see appendix at the end of the chapter
Note				Imax: 706 A with the connection of 4 x 185 mm²

Ordering data

Version	WPD 132 Type	Qty.	Order No.	WPD 232 Type	Qty.	Order No.
light grey	WPD 132 1X185/1X185 GY	1	2502750000	WPD 232 2X185/2X185 GY	1	2502800000
blue	WPD 132 1X185/1X185 BL	1	2502760000	WPD 232 2X185/2X185 BL	1	2502810000
green	WPD 132 1X185/1X185 GN	1	2502770000	WPD 232 2X185/2X185 GN	1	2502820000
brown	WPD 132 1X185/1X185 BN	1	2502780000	WPD 232 2X185/2X185 BN	1	2502830000
black	WPD 132 1X185/1X185 BK	1	2502790000	WPD 232 2X185/2X185 BK	1	2502840000
Note						

Accessories

Protective cover	Type	Qty.	Order No.	Type	Qty.	Order No.
light grey	WPDPC X32 GY	12	2503380000	WPDPC X32 GY	12	2503380000
End bracket						
grey	WEW 35/2 GR 7042	100	1859200000	WEW 35/2 GR 7042	100	1859200000
black	AEB 35 SC/1 BK	50	2475310000	AEB 35 SC/1 BK	50	2475310000
Screwdriver						
SET	SK WSD-S 1,5-10,0	1	9008850000	SK WSD-S 1,5-10,0	1	9008850000
Identification systems						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MM WS	800	2007150000	WS 8/5 MM WS	800	2007150000

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper			Aluminium	
185 mm²	25 Nm			30,9 Nm	30,9 Nm
150 mm²		25 Nm			
120 mm²					
95 mm²					
70 mm²		20 Nm			
50 mm²					
35 mm²					
25 mm²					
Flat band 10x15,5x0,8 mm			30,9 Nm		
max. current with 2 x 185 mm² (acc. to IEC)	706 A			284 A	
Stripping lengths	29 mm				
Allen screw	M18 (SW 10 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
350 kcmil	250Lb In.		398Lb In.	398Lb In.
300 kcmil		250Lb In.		
250 kcmil				
AWG 3/0				
AWG 2/0				
AWG 1/0		200Lb In.		
AWG 2				
AWG 4				
max. current with 1 x 185 mm² (acc. to UL)	310 A		250 A	
Stripping lengths	29 mm			
Allen screw	M18 (SW 10 mm)			

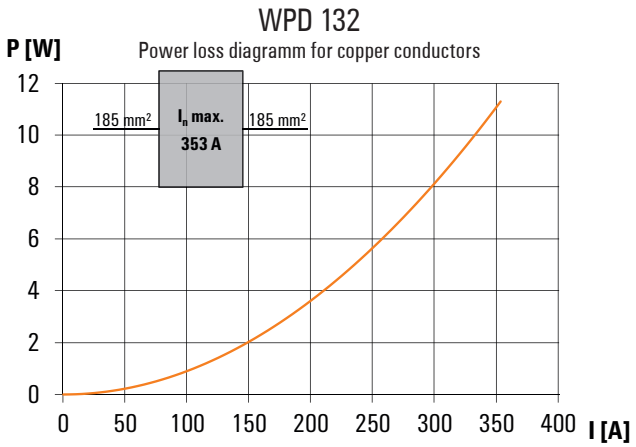
Auxiliary connection

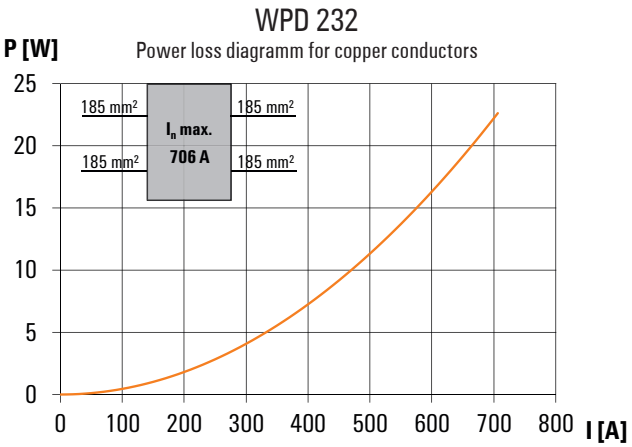
	Copper	
10 mm²	1,2 Nm	
6 mm²		1,2 Nm
4 mm²		
2.5 mm²		
1.5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
AWG 8	20.3Lb In.	
AWG 10		20.3Lb In.
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

Stranded | Solid | Flexible with ferrule | Sector shaped | Flat band

Diagrams





W-Series
WPD 133 1X300/1X300

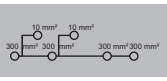
WPD 133	300 mm²

WPD 233	300 mm²

Width / Height / Depth		**mm**
max. current / max. conductor		**A/mm²**
max. clamping range		**mm²**

45 / 118 / 83.5	
520 / 300	
35...300	

82.6 / 118 / 83.5	
520 / 300	
35...300	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	300 mm²	mm²
	Auxiliary connection 6 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	300 mm²	mm²
	Auxiliary connection 6 mm²	mm²
Flexible with ferrule	300 mm²	mm²
	Auxiliary connection 6 mm²	mm²
Stripping length / Blade size	300 mm²	mm/–
	Auxiliary connection 6 mm²	mm/–
Tightening torque		Nm
Note		

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
1000	1000		1100
520	420		340
300	AWG 2...kcmil 600		300
6	AWG 16...8		6
	100 kA		
	8 kV / 3		
	III / V-0		
			CNEX18ATEX0016U
Rated connection			
150...300 / 150...300			
1.5...10 / 1.5...10			
35...240			
1.5...6			
34 / M24 (SW 12)			
10 / M4 (+/- PZ2)			
see appendix at the end of the chapter			

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
1000	1000		1100
520	420		340
300	AWG 2...kcmil 600		300
6	AWG 16...8		6
	100 kA		
	8 kV / 3		
	III / V-0		
			CNEX18ATEX0016U
Rated connection			
150...300 / 150...300			
1.5...10 / 1.5...10			
35...240			
1.5...6			
34 / M24 (SW 12)			
10 / M4 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 1040 A with the connection of 4 x 300 mm²			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	**Qty.**	**Order No.**
WPD 133 1X300/1X300 GY	1	**2502850000**
WPD 133 1X300/1X300 BL	1	**2502860000**
WPD 133 1X300/1X300 GN	1	**2502870000**
WPD 133 1X300/1X300 BN	1	**2502880000**
WPD 133 1X300/1X300 BK	1	**2502890000**

Type	**Qty.**	**Order No.**
WPD 233 2X300/2X300 GY	1	**2502900000**
WPD 233 2X300/2X300 BL	1	**2502910000**
WPD 233 2X300/2X300 GN	1	**2502920000**
WPD 233 2X300/2X300 BN	1	**2502930000**
WPD 233 2X300/2X300 BK	1	**2502940000**

Accessories

Protective cover		
	light grey	
End bracket		
	grey	
	black	
Screwdriver		
	SET	
Identification systems		

Type	**Qty.**	**Order No.**
WPDPC X33 GY	8	**2503390000**
WEW 35/2 GR 7042	100	**1859200000**
AEB 35 SC/1 BK	50	**2475310000**
SK WSD-S 1,5-10,0	1	**9008850000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MM WS	800	**2007150000**

Type	**Qty.**	**Order No.**
WPDPC X33 GY	8	**2503390000**
WEW 35/2 GR 7042	100	**1859200000**
AEB 35 SC/1 BK	50	**2475310000**
SK WSD-S 1,5-10,0	1	**9008850000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MM WS	800	**2007150000**

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper			Aluminium	
300 mm²	45 Nm			65 Nm	65 Nm
240 mm²		45 Nm			
185 mm²					
150 mm²					
120 mm²					
95 mm²		30 Nm			
70 mm²					
50 mm²					
35 mm²					
Flat band 10x20x1 mm			65 Nm		
Max. current with 2 x 300 mm² (acc. to IEC)	1040 A			340 A	
Stripping lengths	34 mm				
Allen screw	M24 (SW 12 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
600 kcmil	300Lb In.		575Lb In.	575Lb In.
500 kcmil		300Lb In.		
350 kcmil				
300 kcmil				
250 kcmil				
AWG 3/0		200Lb In.		
AWG 2/0				
AWG 1				
AWG 2				
Max. current at 1 x 300 mm² (acc. to UL)	420 A		340 A	
Stripping lengths	34 mm			
Allen screw	M24 (SW 12 mm)			

Auxiliary connection

	Copper	
10 mm²	1,2 Nm	1,2 Nm
6 mm²		
4 mm²		
2.5 mm²		
1.5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

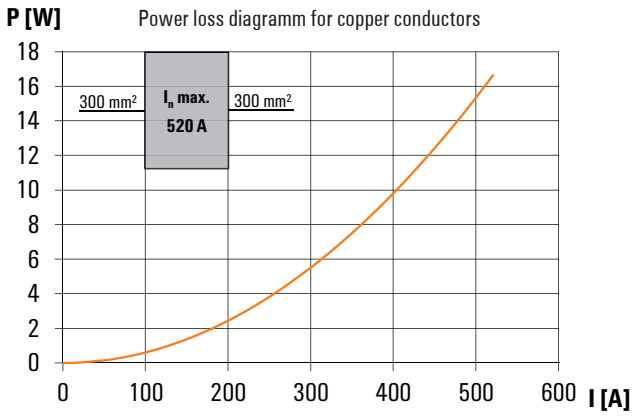
	Copper	
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

Stranded | Solid | Flexible with ferrule | Sector shaped | Flat band

Drawings

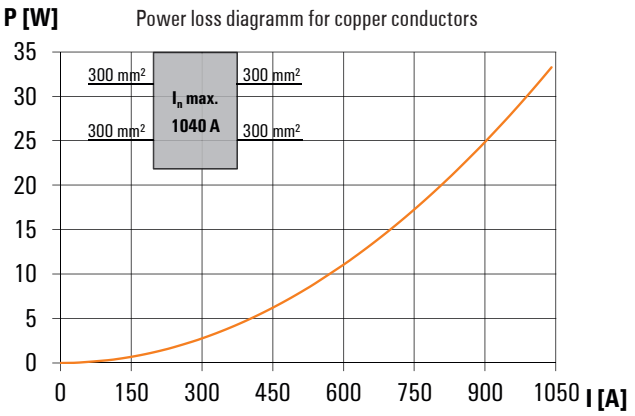
WPD 133

Power loss diagramm for copper conductors



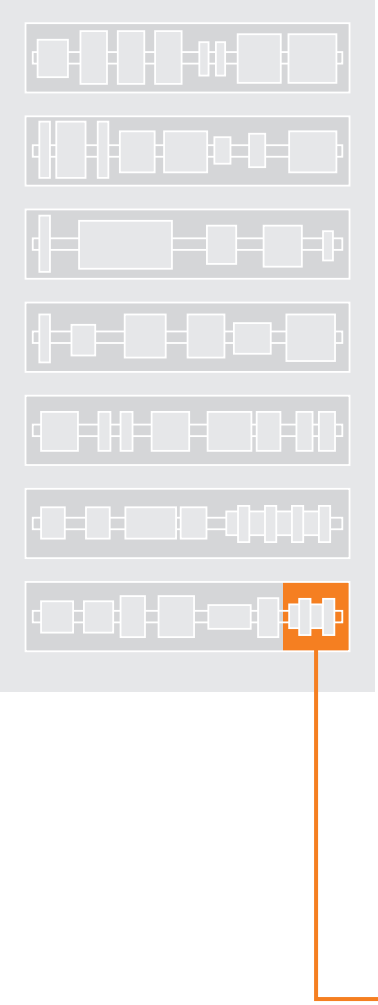
WPD 233

Power loss diagramm for copper conductors



The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility



Safe power supply to equipment such as motors is decisive for the availability of plants and machines. The use of increasingly large wire cross-sections and restricted space in the panel is increasing the demands on terminal blocks and distribution blocks and posing new challenges for panel planners. Our comprehensive product range for power distribution ensures excellent flexibility, even in the planning stages. The variety of possible combinations gives you just what you need for all power distribution requirements and enables compact panel design.

Our promise

Rapid installation and flexible combination options with Klippon® Connect, for simple, space-saving installation and increased productivity in the construction of switchgear and panel. This makes the design of your power distribution system noticeably more efficient.

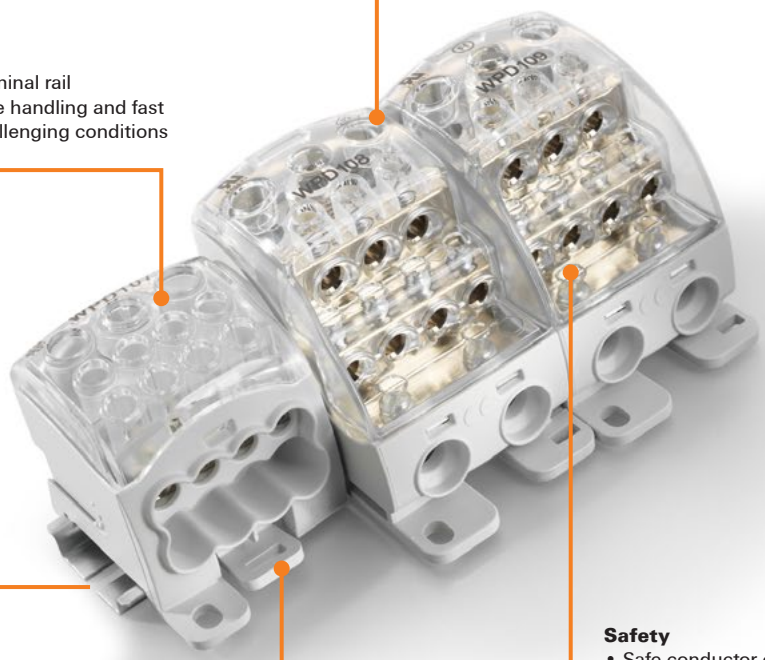
Our range

More space, more options – even for aluminium wires:
The slim design of our WPD X01–X03 main line branch terminals saves a great deal of space. With certification for aluminium conductors according to IEC 61238 “Class A” and a permissible voltage of 1,000 V DC, they meet all the requirements of complex applications.

All-rounder for a better overview:
Our WPD X00 & X04-X09 distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables rapid, efficient implementation of space-saving power distribution.

Space saving
- Space-saving format and variety of functions in a single design
- Flexible expansion thanks to series arrangement and cross connection

Time saving
- Compatible with TS 35 terminal rail
- Optimised design for simple handling and fast installation, even under challenging conditions



Safety
- Safe conductor connection supported by step design
- Finger safety guaranteed in accordance with EN 50274
- Short-circuit resistance to highest SCCR standard

Flexibility
- Range of possible combinations for each requirement
- Can be used around the world thanks to international approvals

AWPD 35 4X6/6X2.5 — 35 mm²

Width / Height / Depth	mm
max. current / max. conductor	A /mm²
max. clamping range	mm²

16.2 x 125 x 50		
Screw 35 mm²	PUSH IN 35 mm²	PUSH IN 6 mm²
105 / 35	24 / 2.5	41 / 6
1.5...35	0.14...2.5	0.5...6

Technical data

			IEC 60947-1		
			IEC	UL	CSA
Rated voltage	Screw 35 mm²	V	1000	600	
	PUSH IN 2.5 mm²	V	1000	600	
	PUSH IN 6 mm²	V	1000	600	
	PUSH IN 10 mm²	V			
Rated current	Screw 35 mm²	A	110	105	
	PUSH IN 2.5 mm²	A	24	40	
	PUSH IN 6 mm²	A	41	20	
	PUSH IN 10 mm²	A			
for wire cross-section	Screw 35 mm²	mm²	35	AWG 14...2	
	PUSH IN 2.5 mm²	mm²	2.5	AWG 20...8	
	PUSH IN 6 mm²	mm²	6	AWG 22...12	
	PUSH IN 10 mm²	mm²			

	Screw 35 mm²	PUSH IN 2.5 mm²	PUSH IN 6 mm²
Rated impulse withstand voltage / Pollution severity	8kV / 3	8kV / 3	8kV / 3
Gauge to IEC 60947-1	B9	A3	A5
UL 94 flammability rating	V-0	V-0	V-0
Approvals	CE cULus UKCA		
Clamped conductors (H05V/H07V)	**Screw 35 mm²**	**PUSH IN 2.5 mm²**	**PUSH IN 6 mm²**
Solid / Stranded mm²	1.5...35 / 1.5...35	0.5...4 / 0.14...2.5	0.5...10 / 0.5...6
flexible / flexible with ferrule mm²	1.5...35 / 1.5...35	0.5...2.5 / 0.5...2.5	0.5...6 / 0.5...6
Stripping length / Blade size mm / mm	17 / 1 x 5.5	10 / 0.6 x 3.5	12 / 1 x 5.5
Tightening torque Nm	2.5		

Ordering data

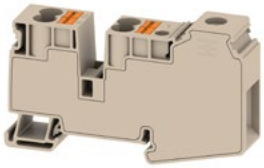
Version	Type	Qty.	Order No.
dark beige	AWPD 35 4X6/6X2.5	20	2728620000
blue	AWPD 35 4X6/6X2.5 BL	20	2860560000
yellow/black	AWPD 35 4X6/6X2.5 FE	20	2924980000

Accessories

Pluggable cross-connection	Type	Rated current	Qty.	Order No.
for 1.5 mm² 2-pole	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
for 2.5 mm² 2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
for 6 mm² 2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
for 6 mm² 2-pole	ZQV 6N/2	41 A	60	1985740000
10-pole	ZQV 6N/10	41 A	20	1985780000
End bracket				
dark beige	AEB 35 SCL/1 VO		50	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L		50	1991890000
1-pole	PS 2.0 MC		20	0310000000
Screwdriver				
for 2.5 mm² PUSH IN Standard	SDIS 0.6X3.5X100		1	2749810000
for 6 mm² PUSH IN Standard	SDIS 1.0X5.5X125		1	2749850000
for 10 mm² PUSH IN Standard	SDIS 1.0X5.5X125		1	2749850000
for 35 mm² Schraube Standard	SDIS 1.0X5.5X125		1	2749850000
Identification systems				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	DEK 8/5 MM WS		800	2007150000
	WS-A 8/16 MM WS		200	2619910000

For detailed information on other accessories and application in the online catalogue

AWPD 35 4X10 — 35 mm²



16.2 x 95 x 60	
Screw 35 mm²	PUSH IN 10 mm²
105 / 35	50 / 10
1.5...35	1...10

			IEC 60947-1		
			IEC	UL	CSA
Rated voltage	Screw 35 mm²	V	1000	600	
	PUSH IN 2.5 mm²	V			
	PUSH IN 6 mm²	V			
	PUSH IN 10 mm²	V	1000	600	
Rated current	Screw 35 mm²	A	110	105	
	PUSH IN 2.5 mm²	A			
	PUSH IN 6 mm²	A			
	PUSH IN 10 mm²	A	57	50	
for wire cross-section	Screw 35 mm²	mm²	35	AWG 14...2	
	PUSH IN 2.5 mm²	mm²			
	PUSH IN 6 mm²	mm²			
	PUSH IN 10 mm²	mm²	10	AWG 20...6	

	Screw 35 mm²	PUSH IN 10 mm²
Rated impulse withstand voltage / Pollution severity	8kV / 3	8kV / 3
Gauge to IEC 60947-1	B9	A6
UL 94 flammability rating	V-0	V-0
Approvals	CE cULus UKCA	
Clamped conductors (H05V/H07V)	**Screw 35 mm²**	**PUSH IN 10 mm²**
Solid / Stranded mm²	1.5...35 / 1.5...35	1...10 / 1...10
flexible / flexible with ferrule mm²	1.5...35 / 1.5...35	1...10 / 1...10
Stripping length / Blade size mm / mm	17 / 1 x 5.5	18 / 1 x 5.5
Tightening torque Nm	2.5	

Ordering data

Type	Qty.	Order No.
AWPD 35 4X10	20	2728630000
AWPD 35 4X10 BL	20	2860570000
AWPD 35 4X10 FE	20	2924990000

Accessories

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	20	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000

AWPD potential distribution terminal block

The potential distribution terminal block AWPD 35 can be fed by wires of crosssection 1.5 – 35 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller crosssection. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

Integrated into separation plate

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X10	ZQV 6N	35 mm²	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm²	82 A

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X10	ZQV 6N	35 mm²	41 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm²	41 A	82 A

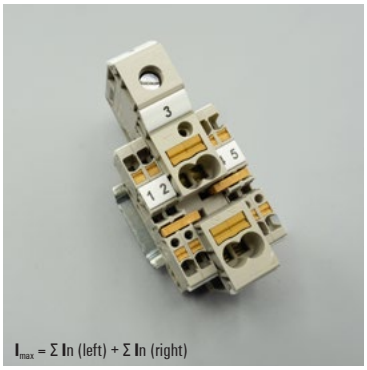
Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A2C 4	ZQV 4N	35 mm²	76 A	76 A
A3C 4	ZQV 4N	35 mm²	76 A	76 A
A4C 4	ZQV 4N	35 mm²	76 A	76 A
A2C 6	ZQV 6N	35 mm²	76 A	82 A
A3C 6	ZQV 6N	35 mm²	76 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A2C 4	ZQV 4N	35 mm²	76 A	76 A
A3C 4	ZQV 4N	35 mm²	76 A	76 A
A4C 4	ZQV 4N	35 mm²	76 A	76 A
A2C 6	ZQV 6N	35 mm²	76 A	82 A
A3C 6	ZQV 6N	35 mm²	76 A	82 A

I_{max} = Σ In (left)



I_{max} = Σ In (left) + Σ In (right)

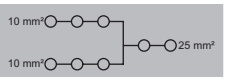
I_{max} = Σ In (right)

W-Series
WPD 100 2X25/6X10

WPD 100 | 25 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

30.2 / 49 / 55.4	
101 / 25	
1.5...25	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm²	mm²
	10 mm²	mm²
Flexible with ferrule	25 mm²	mm²
	10 mm²	mm²
Stripping length / Blade size	25 mm²	mm/–
	10 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
101			
25			
		8 kV / 3	
		III / V-0	
Rated connection			
2.5...25 / 2.5...25			
1.5...10 / 1.5...10			
1.5...16			
1.5...6			
17 / M6 (+/- PZ2)			
9 / M5 (+/- PZ2)			
see appendix at the end of the chapter			

Ordering data

Version	Type	Qty.	Order No.
light grey	WPD 100 2X25/6X10 GY	3	1561910000
blue	WPD 100 2X25/6X10 BI	3	1561920000
green	WPD 100 2X25/6X10 GN	3	1561930000
brown	WPD 100 2X25/6X10 BN	3	2814500000
black	WPD 100 2X25/6X10 BK	3	2814490000
Note			

Accessories

End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	100	1061200000
dark beige	AEB 35 SC/1	50	1991920000
Screwdriver			
	SDK PZ2 X 100	1	2749450000

Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

OInput (x2)	Copper		Aluminium
2x25 mm²			
25 mm²	3 Nm		4 Nm
16 mm²		3 Nm	
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	17 mm		
screw	M6 (+/- PZ2)		

Output (x6)	Copper		Aluminium
6x10 mm²			
10 mm²	2 Nm		3 Nm
6 mm²		2 Nm	
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	9 mm		
screw	M5 (+/- PZ2)		

Stranded

Solid

Flexible with ferrule

W-Series
WPD 110 1X70+1X35/6X16

WPD 110 — 70 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

38.5 / 63 / 69.5	
192 / 70	
1.5...70	

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm²	mm²
	35 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	70 mm²	mm²
	35 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	70 mm²	mm/–
	35 mm²	mm/–
	16 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
200			
70			
		8 kV / 3	
		III / V-0	
Rated connection			
10...70 / 4...35			
4...35 / 4...35			
1.5...16 / 1.5...16			
6...50			
2.5...25			
1.5...10			
27 / M10			
26 / M8			
13 / M6			
see appendix at the end of the chapter			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 110 1X70+1X35/6X16 GY	3	2603810000
WPD 110 1X70+1X35/6X16 BL	3	2603820000
WPD 110 1X70+1X35/6X16 GN	3	2603830000
WPD 110 1X70+1X35/6X16 BN	3	2814520000
WPD 110 1X70+1X35/6X16 BK	3	2814510000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input	Copper		Aluminium
1x 70 mm²			
70 mm²	10 Nm		12 Nm
50 mm²		10 Nm	
35 mm²			
25 mm²			
16 mm²			
10 mm²			
6 mm²			
Stripping lengths	27 mm		
Screw	M10 (+/- PZ2)		

Input	Copper		Aluminium
1x 35 mm²			
35 mm²	6 Nm		
25 mm²		6 Nm	
16 mm²			
10 mm²			
6 mm²			
4 mm²			
2,5 mm²			
Stripping lengths	26 mm		
Screw	M8 (+/- PZ2)		

Output	Copper		Aluminium
6x 16 mm²			
16 mm²	3 Nm		10 Nm
10 mm²		3 Nm	
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	13 mm		
Screw	M6 (+/- PZ2)		

Stranded

Solid

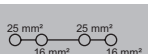
Flexible with ferrule

W-Series
WPD 101 2X25/2X16

WPD 101	25 mm²

WPD 301	25 mm²

Width / Height / Depth	**17.8 / 49.3 / 55.7**	**53 / 49.3 / 55.7**
max. current / max. conductor	**101 / 25**	**101 / 25**
max. clamping range	**1.5...25**	**1.5...25**



Technical data

Rated data			IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000	600		
Rated current		A	152	90		
for wire cross-section	25 mm²	mm²	25	AWG 16...4		
Rated impulse withstand voltage / Pollution severity				8 kV / 3		
Overvoltage category / UL 94 flammability rating				III / V-0		
Approvals						
Clamped conductors (H05V/H07V)			**Rated connection**			
Solid / Stranded	25 mm²	mm²	2.5...25 / 2.5...25			
	16 mm²	mm²	1.5...16 / 1.5...16			
Flexible with ferrule	25 mm²	mm²	1.5...16			
	16 mm²	mm²	1.5...10			
Stripping length / Blade size	25 mm²	mm/–	19 / M6 (+/- PZ2)			
	16 mm²	mm/–	19 / M6 (+/- PZ2)			
Tightening torque		Nm	see appendix at the end of the chapter			
Note			Imax: 164 A with the connection of 4 x 16 mm²			

Rated data			IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000			
Rated current		A	152			
for wire cross-section	25 mm²	mm²	25			
Rated impulse withstand voltage / Pollution severity					8 kV / 3	
Overvoltage category / UL 94 flammability rating					III / V-0	
Approvals						
Clamped conductors (H05V/H07V)			**Rated connection**			
Solid / Stranded	25 mm²	mm²	2.5...25 / 2.5...25			
	16 mm²	mm²	1.5...16 / 1.5...16			
Flexible with ferrule	25 mm²	mm²	1.5...16			
	16 mm²	mm²	1.5...10			
Stripping length / Blade size	25 mm²	mm/–	19 / M6 (+/- PZ2)			
	16 mm²	mm/–	19 / M6 (+/- PZ2)			
Tightening torque		Nm	see appendix at the end of the chapter			
Note			Imax: 164 A with the connection of 4 x 16 mm²			

Ordering data

Version	Type	Qty.	Order No.
light grey	WPD 101 2X25/2X16 GY	5	**1560730000**
blue	WPD 101 2X25/2X16 BL	5	**1560670000**
green	WPD 101 2X25/2X16 GN	5	**1560650000**
brown	WPD 101 2X25/2X16 BN	5	**1561120000**
black	WPD 101 2X25/2X16 BK	5	**1561100000**
3x light grey / blue			
green / 3x light grey / blue			
brown / black / light grey / blue / green			
3x light grey / blue / green			
Note			

Type	Qty.	Order No.
WPD 301 2X25/2X16 3XGY	2	**1561130000**

Accessories

End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	100	**1061200000**
dark beige	AEB 35 SC/1	50	**1991920000**
Screwdriver			
	SDK PZ2 X 100	1	**2749450000**

Type	Qty.	Order No.
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**

WPD 401 — 25 mm²

71.6 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
152			
25			
8 kV / 3			
III / V-0			
CE			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm²			

Type	Qty.	Order No.
WPD 401 2X25/2X16 4XGY	1	1561800000
WPD 401 2X25/2X16 3XGY/1XBL	1	1562130000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

WPD 501 — 25 mm²

88.8 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
152			
25			
8 kV / 3			
III / V-0			
CE			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm²			

Type	Qty.	Order No.
WPD 501 2X25/2X16 5XGY	1	1561750000
WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1	1562140000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

WPD 501 — 25 mm²

88.8 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
152			
25			
8 kV / 3			
III / V-0			
CE			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm²			

Type	Qty.	Order No.
WPD 501 2X25/2X16 1XBN/BK/GY/BL/GN	1	2976330000
WPD 501 2X25/2X16 3XGY/1XBL/1XGN	1	3053740000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

W-Series
WPD 201 2X25/2X16

Width / Height / Depth		**mm**
max. current / max. conductor		**A/mm²**
max. clamping range		**mm²**

WPD 201 — **25 mm²**

34.2 / 49.3 / 52
152 / 25
1.5...25

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	25 mm²	mm/–
	16 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
101	90		
25	AWG 16...4		
	8 kV / 3		
	III / V-0		

Rated connection
2.5...25 / 2.5...25
1.5...16 / 1.5...16
1.5...16
1.5...10
19 / M6 (+/- PZ2)
19 / M6 (+/- PZ2)
see appendix at the end of the chapter
Imax: 328 A with the connection of 8 x 16 mm²

Ordering data

Version
light grey
blue
green
brown
black
Note

Type	**Qty.**	**Order No.**
WPD 201 4X25/4X16 GY	1	**2731220000**
WPD 201 4X25/4X16 BL	1	**2731230000**
WPD 201 4X25/4X16 GN	1	**2731240000**
WPD 201 4X25/4X16 BN	1	**2731250000**
WPD 201 4X25/4X16 BK	1	**2731260000**

Accessories

End bracket
dark beige
dark beige
Screwdriver

Type	**Qty.**	**Order No.**
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

OInput (x2) / Output (x2)	Copper		Aluminium
2x25 mm² (round conductor)			
25 mm²	3,5 Nm		4 Nm
16 mm²		3,5 Nm	
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

OInput (x2) / Output (x2)	Copper		Aluminium
2x16 mm² (round conductor)			
25 mm²	2,5 Nm		
16 mm²			4 Nm
10 mm²		2,5 Nm	
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

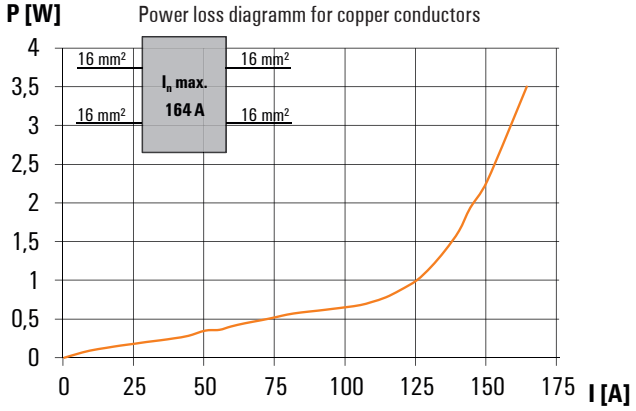
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	22.1 Lb In		35 Lb In			
AWG 6		22.1 Lb In		22.1 Lb In	22.1 Lb In	35 Lb In
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	90 A	90 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158 ng data

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	2.5 Nm		4 Nm			
AWG 6		2.5 Nm		2.1 Nm	2.1 Nm	4 Nm
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	90 A	90 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V					

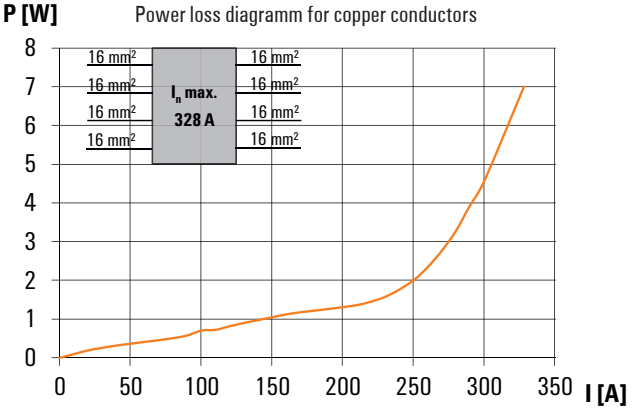
WPD x01

Power loss diagramm for copper conductors



WPD 201

Power loss diagramm for copper conductors

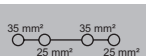


W-Series
WPD 102 2X35/2X25

	WPD 102	35 mm²

	WPD 302	35 mm²

Width / Height / Depth	22.2 / 49.3 / 55.7	66.6 / 49.3 / 55.7
max. current / max. conductor	125 / 35	125 / 35
max. clamping range	2.5...35	2.5...35



Technical data

IEC 60947-7-1

Rated data			IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000	600		
Rated current		A	202	125		
for wire cross-section	35 mm²	mm²	35	AWG 16...2		
Rated impulse withstand voltage / Pollution severity				8 kV / 3		
Overvoltage category / UL 94 flammability rating				III / V-0		
Approvals			CE EAC cULus			
Clamped conductors (H05V/H07V)			**Rated connection**			
Solid / Stranded	35 mm²	mm²	4...35 / 4...35			
	25 mm²	mm²	2.5...25 / 2.5...25			
Flexible with ferrule	35 mm²	mm²	2.5...25			
	25 mm²	mm²	2.5...16			
Stripping length / Blade size	35 mm²	mm/–	22 / M6 (+/- PZ2)			
	25 mm²	mm/–	18 / M6 (+/- PZ2)			
Tightening torque		Nm	see appendix at the end of the chapter			
Note			Imax: 214 A with the connection of 4 x 25 mm²			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
202			
35			
	8 kV / 3		
	III / V-0		
CE EAC			
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
2.5...25			
2.5...16			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 214 A with the connection of 4 x 25 mm²			

Ordering data

Version	
light grey	
blue	
green	
brown	
black	
Note	

Type	Qty.	Order No.
WPD 102 2X35/2X25 GY	5	1561680000
WPD 102 2X35/2X25 BL	5	1561640000
WPD 102 2X35/2X25 GN	5	1561670000
WPD 102 2X35/2X25 BN	5	1561650000
WPD 102 2X35/2X25 BK	5	1561630000

Type	Qty.	Order No.
WPD 302 2X35/2X25 3XGY	2	1561740000

Accessories

End bracket	
dark beige	
dark beige	
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

OInput (x2) / Output (x2)	Copper		Aluminium
2x35 mm² (round conductor)			
35 mm²	3,5 Nm		8 Nm
25 mm²		3,5 Nm	6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	22 mm		
screw	M6 (+/- PZ2)		

OInput (x2) / Output (x2)	Copper		Aluminium
2x35 mm² (round conductor)			
35 mm²	3,5 Nm		
25 mm²			6 Nm
16 mm²		3,5 Nm	4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		

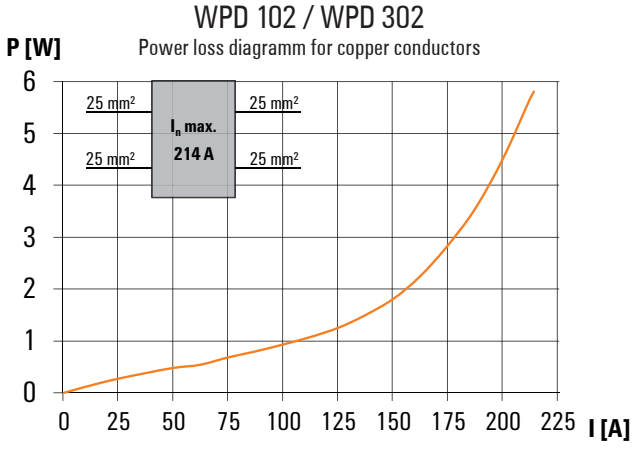
Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	31 Lb In		70,8 Lb In	22.1 Lb In	22.1 Lb In	
AWG 6		31 Lb In	53 Lb In			53 Lb In
AWG 8			53 Lb In			35 Lb In
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	3.5 Nm		8 Nm	3.5 Nm	3.5 Nm	
AWG 6		3.5 Nm	6 Nm			6 Nm
AWG 8			4 Nm			4 Nm
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

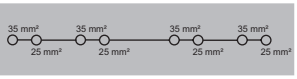


W-Series
WPD 202 4X35/4X25

WPD 202	35 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

43.2 / 49.3 / 55.7	
125 / 35	
2.5...35	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm²	mm²
	25 mm²	mm²
Flexible with ferrule	35 mm²	mm²
	25 mm²	mm²
Stripping length / Blade size	35 mm²	mm/–
	25 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
202			
35			
		8 kV / 3	
		III / V-0	
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
2.5...25			
2.5...16			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 428 A with the connection of 8 x 25 mm²			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 202 4X35/4X25 GY	2	1561730000
WPD 202 4X35/4X25 BL	2	1561700000
WPD 202 4X35/4X25 GN	2	1561620000
WPD 202 4X35/4X25 BN	2	1561720000
WPD 202 4X35/4X25 BK	2	1561690000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

Input (x4) / Output (x4)	Copper		Aluminium
4x35 mm² (round conductor)			
35 mm²	3,5 Nm		8 Nm
25 mm²		3,5 Nm	6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	22 mm		
screw	M8 (+/- PZ2)		

Input (x4) / Output (x4)	Copper		Aluminium
4x25 mm² (round conductor)			
35 mm²	3,5 Nm		
25 mm²		3,5 Nm	6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

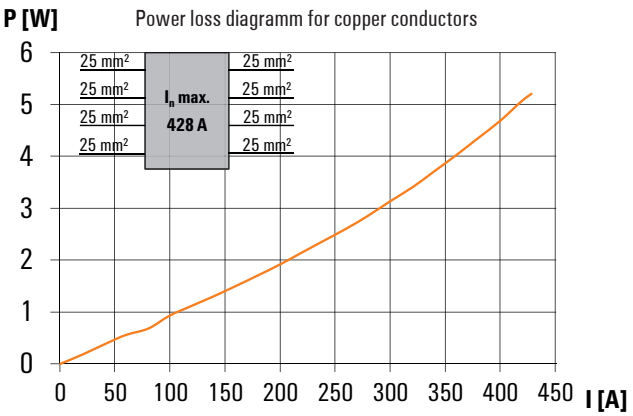
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	31 Lb In		70.8 Lb In			
AWG 6		31 Lb In	53 Lb In	22.1 Lb In		53 Lb In
AWG 8			53 Lb In		22.1 Lb In	35 Lb In
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	3.5 Nm		8 Nm			
AWG 6		3.5 Nm	6 Nm	3.5 Nm		6 Nm
AWG 8			4 Nm		3.5 Nm	4 Nm
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

WPD 202

Power loss diagramm for copper conductors

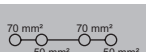


W-Series
WPD 103 2X70/2X50

WPD 103 — 70 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

32.9 / 53.1 / 63
192 / 70
4...70



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm²	mm²
	50 mm²	mm²
Flexible with ferrule	70 mm²	mm²
	50 mm²	mm²
Stripping length / Blade size	70 mm²	mm/–
	50 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
300	160		
70	AWG 12...2/0		
	8 kV / 3		
	III / V-0		

Rated connection
10...70 / 10...70
6...50 / 6...50
6...50
4...35
25 / M10 (SW 4)
20 / M8 (SW 4)
see appendix at the end of the chapter
Imax: 320 A with the connection of 4 x 50 mm²

Ordering data

Version	
light grey	
blue	
green	
brown	
black	
Note	

Type	Qty.	Order No.
WPD 103 2X70/2X50 GY	3	1561770000
WPD 103 2X70/2X50 BL	3	1561780000
WPD 103 2X70/2X50 GN	3	1561790000
WPD 103 2X70/2X50 BN	3	1561820000
WPD 103 2X70/2X50 BK	3	1561830000

Accessories

End bracket	
dark beige	
dark beige	
Screwdriver	
SET	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SK WSD-S 1,5-10,0	1	9008850000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

OInput (x2) / Output (x2)	Copper		Aluminium
2x70 mm² (round conductor)			
70 mm²	10 Nm		18 Nm
50 mm²		10 Nm	10 Nm
35 mm²			8 Nm
25 mm²			6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
Stripping lengths	25 mm		
screw	M10 (SW 4 mm)		

OInput (x2) / Output (x2)	Copper		Aluminium
2x90 mm² (round conductor)			
70 mm²	6 Nm		
50 mm²		6 Nm	10 Nm
35 mm²			8 Nm
25 mm²			6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
Stripping lengths	20 mm		
screw	M8 (SW 4 mm)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

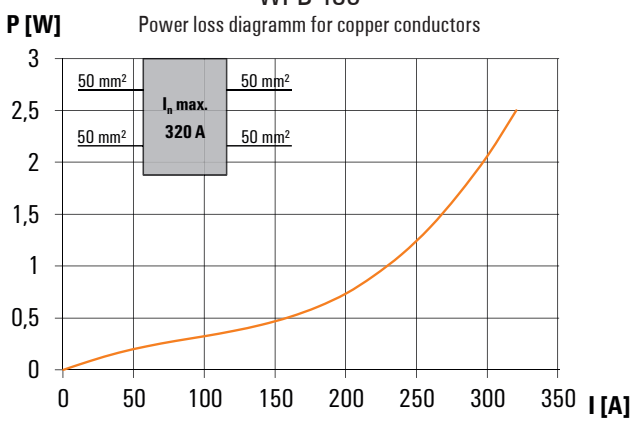
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	88.5 Lb In		159 Lb In	53.1 Lb In	53.1 Lb In	
AWG 6		88.5 Lb In	88.5 Lb In			88.5 Lb In
AWG 8			70.8 Lb In			70.8 Lb In
AWG 10			53 Lb In			53 Lb In
AWG 12						35 Lb In
AWG 14						
AWG 16						
max. current	160 A	150 A	135 A	150 A	115 A	120 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	10 Nm		18 Nm	6 Nm	6 Nm	
AWG 6		10 Nm	10 Nm			10 Nm
AWG 8			8 Nm			8 Nm
AWG 10			6 Nm			6 Nm
AWG 12						4 Nm
AWG 14						
AWG 16						
max. current	160 A	150 A	135 A	150 A	115 A	120 A
Voltage size B,C (UR)	600 V					

WPD 103

Power loss diagramm for copper conductors

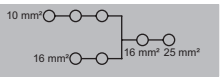


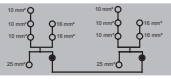
W-Series
WPD 104 1X25+1X16/2X16+3X10

WPD 104	25 mm²

WPD 204	25 mm²

Width / Height / Depth	31.5 / 49 / 68	63 / 49 / 68
max. current / max. conductor	101 / 25	101 / 25
max. clamping range	1.5...25	1.5...25





Technical data

Rated data			IEC 60947-7-1				IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000	600	600	550	1000			550
Rated current		A	164	85	85	101	164			101
for wire cross-section	25 mm²	mm²	25	AWG 16...4	AWG 16...4	25	25			25
Short Circuit Current Rating (SCCR)				200 kA						
Rated impulse withstand voltage / Pollution severity				8 kV / 3				8 kV / 3		
Overvoltage category / UL 94 flammability rating				III / V-0				III / V-0		
Approvals			CNEX 16 ATEX0005U				CNEX 16 ATEX0005U			
Clamped conductors (H05V/H07V)			**Rated connection**				**Rated connection**			
Solid / Stranded	25 mm²	mm²	2.5...25 / 2.5...25				2.5...25 / 2.5...25			
	16 mm²	mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
	10 mm²	mm²	1.5...10 / 1.5...10				1.5...10 / 1.5...10			
Flexible with ferrule	25 mm²	mm²	1.5...16				1.5...16			
	16 mm²	mm²	1.5...10				1.5...10			
	10 mm²	mm²	1.5...6				1.5...6			
Stripping length / Blade size	25 mm²	mm/-	12 / M5				12 / M5			
	16 mm²	mm/-	14 / M6				14 / M6			
	10 mm²	mm/-	19 / M6				19 / M6			
Tightening torque		Nm	see appendix at the end of the chapter				see appendix at the end of the chapter			
Note										

II 2 GD
Ex eb IIC Gb

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	grey	WPD 104 1X25+1X16/2X16+3X10 GY	1	1562000000	WPD 204 2X25/4X16+6X10 2XGY	1	1562150000
	blue	WPD 104 1X25+1X16/2X16+3X10 BL	1	2518250000	WPD 204 2X25/4X16+6X10 2XBL	1	2518330000
	red	WPD 104 1X25+1X16/2X16+3X10 RD	1	2725260000	WPD 204 2X25/4X16+6X10 2XRD	1	2725290000
	black	WPD 104 1X25+1X16/2X16+3X10 BK	1	2725360000	WPD 204 2X25/4X16+6X10 2XBK	1	2725390000
Note							

Accessories

Cross connection		Type	Qty.	Order No.	Type	Qty.	Order No.
	2-pole	WQB WPD X04/2	20	1561980000			
	3-pole	WQB WPD X04/3	20	1561990000			
End bracket							
	dark beige	WEW 35/2	100	1061200000	WEW 35/2	100	1061200000
	dark beige	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
Screwdriver							
		SDK PZ2 X 100	1	2749450000	SDK PZ2 X 100	1	2749450000
	SET	SK WSD-S 1,5-10,0	1	9008850000	SK WSD-S 1,5-10,0	1	9008850000

WPD 304 — 25 mm²

94.5 / 49 / 68	
101 / 25	
1.5...25	

IEC 60947-7-1

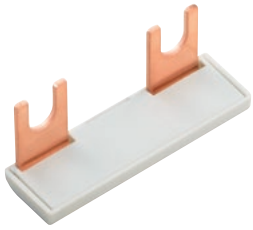
II 2 GD
Ex eb IIC Gb

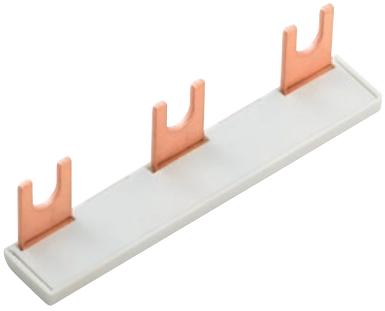
IEC	UL	CSA	EN 60079-7
1000			550
164			101
25			25
	8 kV / 3		
	III / V-0		
			CNEX 16 ATEX0005U

Rated connection
2.5...25 / 2.5...25
1.5...16 / 1.5...16
1.5...10 / 1.5...10
1.5...16
1.5...10
1.5...6
12 / M5
14 / M6
19 / M6
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 304 3X25/6X16+9X10 3XGY	1	1562160000
WPD 304 3X25/6X16+9X10 3XBL	1	2518340000
WPD 304 3X25/6X16+9X10 3XRD	1	2725300000
WPD 304 3X25/6X16+9X10 3XBK	1	2725400000

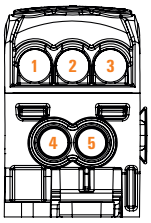
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



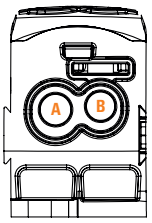


Conductor connection data according to IEC 60947-7-1 (Cu)

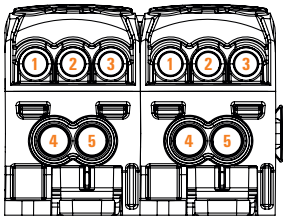
Input	connection point A			
	Copper		Aluminium*	
25 mm²	2,5 Nm		5,1 Nm	
16 mm²		2,5 Nm		5,1 Nm
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
1.5 mm²				
Stripping lengths	19 mm			
Allen screw	M6			
* Values according to UL 1059				



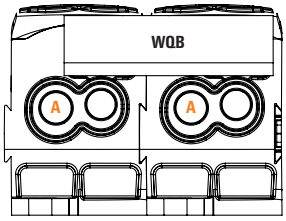
output



input



output



input

Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
16 mm²							5,1 Nm					
10 mm²	2 Nm		5,1 Nm		2,5 Nm			5,1 Nm	2,5 Nm		5,1 Nm	
6 mm²		2 Nm				2,5 Nm				2,5 Nm		
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M5				M6				M6			
* Values according to UL 1059												

Stranded

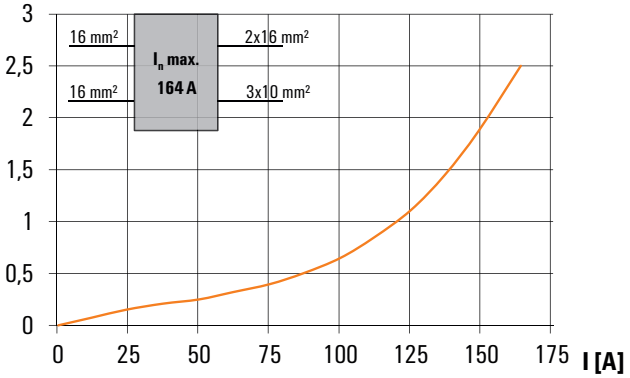
Solid

Flexible with ferrule

Sector shaped

WPD 104

P [W] Power loss diagramm for copper conductors



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 4	22.1 Lb In.		45.1 Lb In.	
AWG 6		22.1 Lb In.		45.1 Lb In.
AWG 8				
AWG 10				
AWG 12				
max. current	85 A	65 A	65 A	50 A
Voltage size B,C (UR)	600 V			

output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
AWG 4					22.1 Lb In.		45.1 Lb In.					
AWG 6	22.1 Lb In.		45.1 Lb In.			22.1 Lb In.		45.1 Lb In.	22.1 Lb In.		45.1 Lb In.	
AWG 8		22.1 Lb In.								22.1 Lb In.		
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											

Mehrdrähtig

Eindrähtig

Feindrähtig mit Aderendhülse

CSA Rating data according to CSA 22.2 No. 158

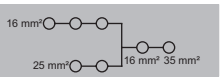
Certificate No. (CSA)	269832			
	Input		Output	
	CP* A	CP* 1/2/3	CP* 4/5	CP*B
AWG 4	2,5 Nm.			2,5 Nm
AWG 6				
AWG 8		2,5 Nm	2,5 Nm	
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	85 A	50 A	50 A	65 A
Voltage size C (CSA)	600 V			
* CP - connection point				

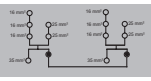
W-Series
WPD 105 1X35+1X16/2X25+3X16

WPD 105	35 mm²

WPD 205	35 mm²

Width / Height / Depth	35.6 / 53.7 / 70	71.2 / 53.7 / 70
max. current / max. conductor	125 / 35	125 / 35
max. clamping range	1,5...35	1,5...35





Technical data

Rated data			IEC 60947-7-1				IEC 60947-7-1			
			II 2 GD Ex eb IIC Gb				II 2 GD Ex eb IIC Gb			
			IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000	600	600	690	1000			690
Rated current		A	214	115	85	125	214			125
for wire cross-section	35 mm²	mm²	35	AWG 16...2	AWG 16...2	35	35			35
Short Circuit Current Rating (SCCR)			200 kA							
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3			
Overvoltage category / UL 94 flammability rating			III / V-0				III / V-0			
Approvals			CNEX 16 ATEX0005U				CNEX 16 ATEX0005U			
Clamped conductors (H05V/H07V)			**Rated connection**				**Rated connection**			
Solid / Stranded	35 mm²	mm²	4...35 / 4...35				4...35 / 4...35			
	25 mm²	mm²	2.5...25 / 2.5...25				2.5...25 / 2.5...25			
	16 mm²	mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible with ferrule	35 mm²	mm²	2.5...25				2.5...25			
	25 mm²	mm²	1.5...16				1.5...16			
	16 mm²	mm²	1.5...10				1.5...10			
Stripping length / Blade size	35 mm²	mm/-	19 / M8				19 / M8			
	25 mm²	mm/-	14 / M6				14 / M6			
	16 mm²	mm/-	12 / M6				12 / M6			
Tightening torque		Nm	see appendix at the end of the chapter				see appendix at the end of the chapter			
Note										

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	grey	WPD 105 1X35+1X16/2X25+3X16 GY	1	1562170000	WPD 205 2X35/4X25+6X16 2XGY	1	1562180000
	blue	WPD 105 1X35+1X16/2X25+3X16 BL	1	2518540000	WPD 205 2X35/4X25+6X16 2XBL	1	2519470000
	red	WPD 105 1X35+1X16/2X25+3X16 RD	1	2725310000	WPD 205 2X35/4X25+6X16 2XRD	1	2725320000
	black	WPD 105 1X35+1X16/2X25+3X16 BK	1	2725410000	WPD 205 2X35/4X25+6X16 2XBK	1	2725420000
Note							

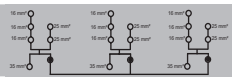
Accessories

Cross connection		Type	Qty.	Order No.	Type	Qty.	Order No.
	2-pole	WQB WPD X05/2	20	1561960000			
	3-pole	WQB WPD X05/3	20	1561970000			
End bracket							
	dark beige	WEW 35/2	100	1061200000	WEW 35/2	100	1061200000
	dark beige	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
Screwdriver							
	SET	SDK PZ2 X 100	1	2749450000	SDK PZ2 X 100	1	2749450000
		SK WSD-S 1,5-10,0	1	9008850000	SK WSD-S 1,5-10,0	1	9008850000

WPD 305

35 mm²

106.8 / 53.7 / 70	
125 / 35	
1,5...35	



IEC 60947-7-1

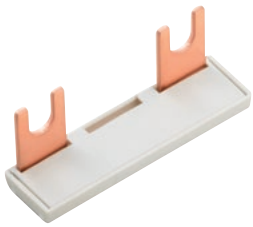
II 2 GD
Ex eb IIC Gb

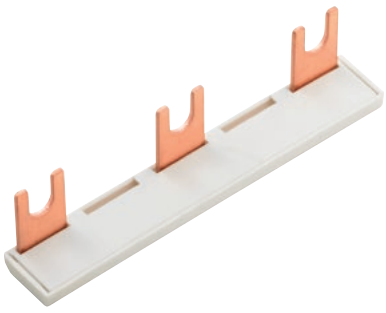
IEC	UL	CSA	EN 60079-7
1000			690
214			125
35			35
	8 kV / 3		
	III / V-0		
			CNEX 16 ATEX0005U

Rated connection
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
2.5...25
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 305 3X35/6X25+9X16 3XGY	1	1562190000
WPD 305 3X35/6X25+9X16 3XBL	1	2521770000
WPD 305 3X35/6X25+9X16 3XRD	1	2725330000
WPD 305 3X35/6X25+9X16 3XBK	1	2725430000

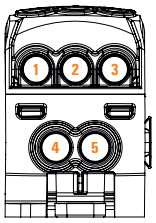
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



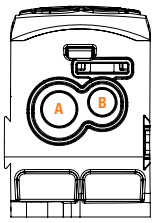


Conductor connection data according to IEC 60947-7-1 (Cu)

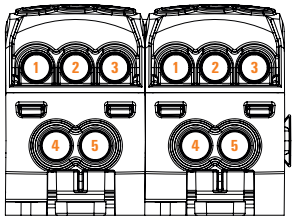
Input	connection point A			
	Copper		Aluminium*	
35 mm²	3,5 Nm		11,3 Nm	
25 mm²		3,5 Nm		11,3 Nm
16 mm²				
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
Stripping lengths	19 mm			
Allen screw	M8			
* Values according to UL 1059				



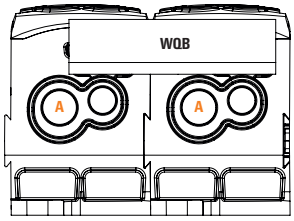
output



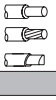
input



output



input

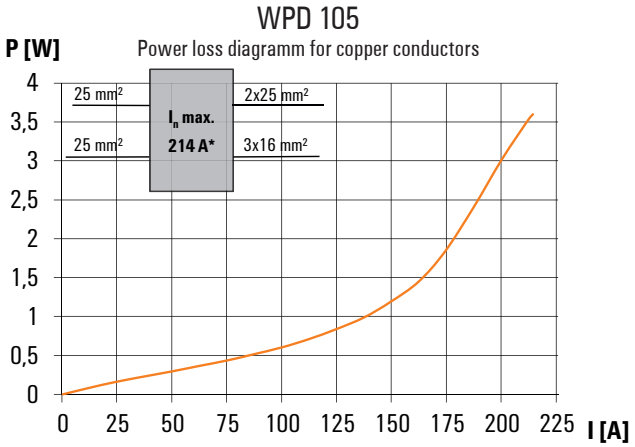
Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
25 mm²					2,5 Nm		5,1 Nm		2,5 Nm		5,1 Nm	
16 mm²	2 Nm		5,1 Nm			2,5 Nm		5,1 Nm		2,5 Nm		
10 mm²		2 Nm										
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M6				M6				M6			
* Values according to UL 1059												

Stranded

Solid

Flexible with ferrule

Sector shaped



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 2	31 Lb In.		100 Lb In.	
AWG 4		31 Lb In.		100 Lb In.
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V			

output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
AWG 4					22.1 Lb In.		45.1 Lb In.					
AWG 6	22.1 Lb In.		45.1 Lb In.			22.1 Lb In.		45.1 Lb In.	22.1 Lb In.		45.1 Lb In.	
AWG 8		22.1 Lb In.								22.1 Lb In.		
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											

Stranded

Solid

Flexible with ferrule

 Sector shaped

CSA Rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input		Output	
	CP* A	CP* 1/2/3	CP* 4/5	CP*B
AWG 4	31 Lb In.		22.1 Lb In.	22.1 Lb In.
AWG 4		22.1 Lb In.		
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	115 A	85 A	85 A	85 A
Voltage size C (CSA)	600 V			
* CP - connection point				

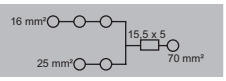
W-Series
WPD 106 1X70/2X25+3X16

RoHS COMPLIANT

WPD 106 | **70 mm²**

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

39.5 / 50.4 / 70	
192 / 70	
1,5...70	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	70 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	70 mm²	mm/-
	25 mm²	mm/-
	16 mm²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	600	600	550
215	175	175	160
70	AWG 16...2/0	AWG 16...2/0	70
	200 kA		
	8 kV / 3		
	III / V-0		

CNEX 16 ATEX0005U

Rated connection
10...70 / 10...70
2.5...25 / 2.5...25
1.5...16 / 1.5...16
6...50
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6
see appendix at the end of the chapter

Ordering data

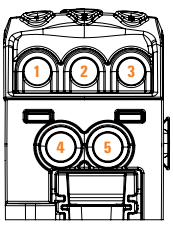
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 106 1X70/2X25+3X16 GY	1	**1562210000**
WPD 106 1X70/2X25+3X16 BL	1	**2518570000**
WPD 106 1X70/2X25+3X16 RD	1	**2725340000**
WPD 106 1X70/2X25+3X16 BK	1	**2725440000**

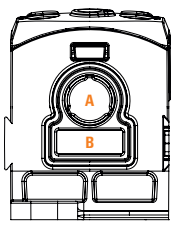
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

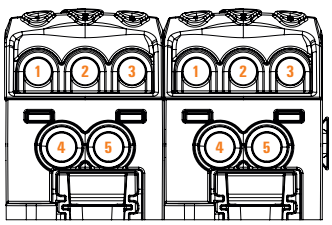
Type	Qty.	Order No.
WQB WPD X06/2	20	**1561940000**
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**
SK WSD-S 1,5-10,0	1	**9008850000**



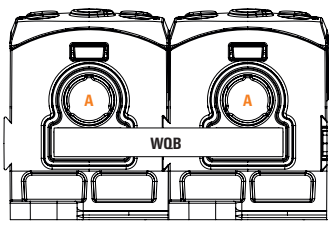
output



input



output



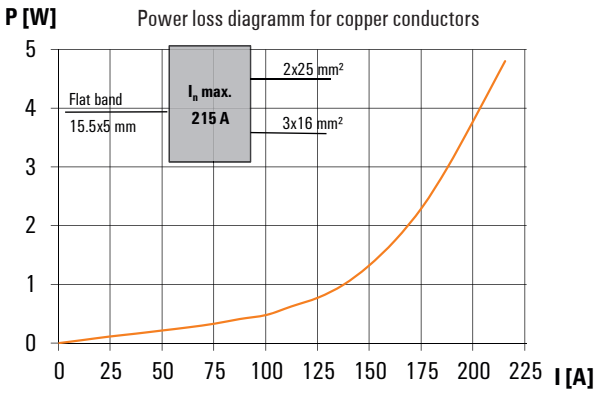
input

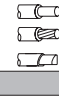
Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A Copper		Aluminium*		CP** B Copper
70 mm²	10 Nm		13,6 Nm		
50 mm²		10 Nm		13,6 Nm	
35 mm²					
25 mm²					
16 mm²					
10 mm²					
6 mm²					
Flat band 15,5x5 mm					2 Nm
Stripping lengths	19 mm				17 mm
Allen screw	M8				M5
* Values according to UL 1059 ** CP - connection point					

WPD 106

Power loss diagramm for copper conductors



Output	connection point 1/2/3 Copper		Aluminium*		connection point 4/5 Copper		Aluminium*	
								
25 mm²	2 Nm				2,5 Nm		5,1 Nm	
16 mm²		2 Nm	5,1 Nm			2,5 Nm		5,1 Nm
10 mm²								
6 mm²								
4 mm²								
2.5 mm²								
1.5 mm²								
Stripping lengths	12 mm				14 mm			
Allen screw	M6				M6			
* Values according to UL 1059								

Mehrdrähtig

Eindrähtig

Feindrähtig mit Aderendhülse

 Sektorförmig

Flachband

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				
Input (line)	connection point A Copper		Aluminium		CP** B Copper
AWG 2/0	88.5 Lb In.		120.4 Lb In.		
AWG 1/0		88.5 Lb In.		100 Lb In.	
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG10					
Flat band 15.5x3.2 mm					17.4 Lb In.
max. current	160 A	150 A	135 A	120 A	160 A
Voltage size B,C (UR)	600 V				
** CP - connection point					

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1/2/3	CP* 4/5
AWG 2/0	10 Nm.		
AWG 1/0			
AWG 2			
AWG 4			2 Nm
AWG 6		2 Nm	
AWG 8			
AWG10			
AWG 12			
AWG 14			
AWG 16			
max. current	175 A	50 A	65 A
Voltage size C (CSA)	600 V		
* CP - connection point			

output (load)	connection point 1/2/3 Copper		Aluminium		connection point 4/5 Copper		Aluminium	
AWG 4	22.6 Lb In.				22.6 Lb In.		45.1 Lb In.	
AWG 6		22.6 Lb In.	45.1 Lb In.			22.6 Lb In.		45.1 Lb In.
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A
Voltage size B,C (UR)	600 V							

Stranded

Solid

Flexible with ferrule

 Sector shaped

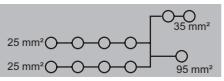
 Flat band

W-Series
WPD 107 1X95/2X35+8X25

WPD 107 | **95 mm²**

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

51 / 54.5 / 73
232 / 95
1,5...95



Technical data

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
Flexible with ferrule	95 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
Stripping length / Blade size	95 mm²	mm/-
	35 mm²	mm/-
	25 mm²	mm²
Tightening torque		Nm
Note		

IEC	UL	CSA	EN 60079-7
1000	600	600	440
270	200	200	232
95	AWG 14...3/0	AWG 14...3/0	95
	200 kA		
	8 kV / 3		
	III / V-0		

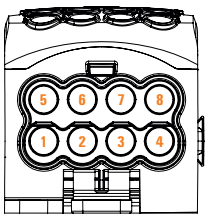
CNEX 16 ATEX0005U

Rated connection
16...95 / 16...95
4...35 / 4...35
2.5...25 / 2.5...25
10...70
2.5...25
1.5...16
14 / M12
12 / M8
12 / M6
see appendix at the end of the chapter

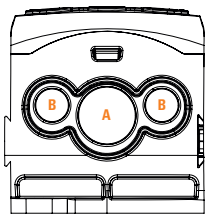
Ordering data

Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 107 1X95/2X35+8X25 GY	1	**1562220000**
WPD 107 1X95/2X35+8X25 BL	1	**2521730000**
WPD 107 1X95/2X35+8X25 RD	1	**2725350000**
WPD 107 1X95/2X35+8X25 BK	1	**2725450000**



output



input

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

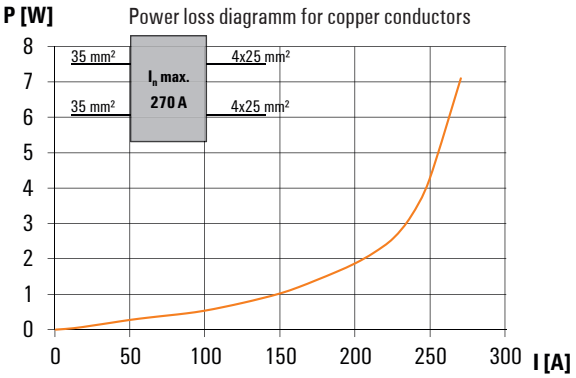
Type	Qty.	Order No.
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**
SK WSD-S 1,5-10,0	1	**9008850000**

Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A			
	Copper		Aluminium*	
95 mm²	14 Nm		22,6 Nm	
70 mm²		14 Nm		22,6 Nm
50 mm²				
35 mm²				
25 mm²				
16 mm²				
10 mm²				
Stripping lengths	14 mm			
Allen screw	M12			
* Values according to UL 1059				

WPD 107

Power loss diagramm for copper conductors



Output	connection point 1 - 8				connection point B			
	Copper		Aluminium*		Copper		Aluminium*	
35 mm²	2,5 Nm		5,1 Nm		3,5 Nm		11,3 Nm	
25 mm²		2,5 Nm		5,1 Nm		3,5 Nm		11,3 Nm
16 mm²								
10 mm²								
6 mm²								
4 mm²								
2.5 mm²								
1.5 mm²								
Stripping lengths	12 mm				12 mm			
Allen screw	M6				M8			
* Values according to UL 1059								

Stranded Solid Flexible with ferrule Sector shaped

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
Input (line)	connection point A			
	Copper		Aluminium	
AWG 3/0	124 Lb In.		200 Lb In.	
AWG 2/0		124 Lb In.		200 Lb In.
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current	200 A	175 A	155 A	130 A
Voltage size B,C (UR)	600 V			

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1 - 8	CP* B
AWG 3/0	14 Nm.		
AWG 2/0			
AWG 1/0			
AWG 2			6 Nm
AWG 4		2,5 Nm	
AWG 6			
AWG 8			
AWG 10			
AWG 12			
AWG 14			
max. current	200 A	85 A	115 A
Voltage size C (CSA)	600 V		
* CP - connection point			

output (load)	connection point 1 - 8				connection point B			
	Copper		Aluminium		Copper		Aluminium	
AWG 2	22.1 Lb In.		45.1 Lb In.		31 Lb In.		100 Lb In.	
AWG 4		22.1 Lb In.		45.1 Lb In.		31 Lb In.		100 Lb In.
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	85 A	65 A	65 A	50 A	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V							

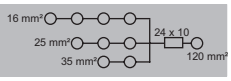
Stranded Solid Flexible with ferrule

W-Series
WPD 108 1X120/2X35+3X25+4X16

WPD 108 | **120 mm²**

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

51.1 / 77 / 95	
269 / 120	
1,5...120	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	120 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	120 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	120 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	120 mm²	mm/–
	35 mm²	mm/–
	25 mm²	mm²
	16 mm²	mm²
Tightening torque		Nm
Note		

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	600	600	880
400	255	255	250
120	AWG 16...250 kcmil	AWG 16...250 kcmil	120
	200 kA		
	8 kV / 3		
	III / V-0		
			CNEX 16 ATEX0005U

Rated connection
35...120 / 35...120
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
25...95
2.5...25
1.5...16
1.5...10
27 / M14
18 / M8
12 / M6
12 / M6
see appendix at the end of the chapter

Ordering data

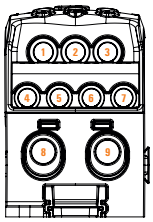
Version
grey
blue
red
black
Note

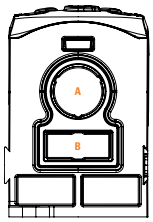
Type	**Qty.**	**Order No.**
WPD 108 1X120/2X35+3X25+4X16 GY	1	**1562100000**
WPD 108 1X120/2X35+3X25+4X16 BL	1	**2519480000**
WPD 108 1X120/2X35+3X25+4X16 RD	1	**2725280000**
WPD 108 1X120/2X35+3X25+4X16 BK	1	**2725380000**

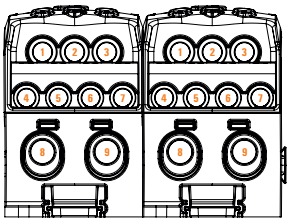
Accessories

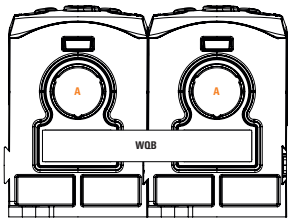
Cross connection
2-pole
End bracket
dark beige
dark beige
Screwdriver
SET

Type	**Qty.**	**Order No.**
WQB WPD X08-09/2	20	**1561900000**
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**
SK WSD-S 1,5-10,0	1	**9008850000**


output


input


output



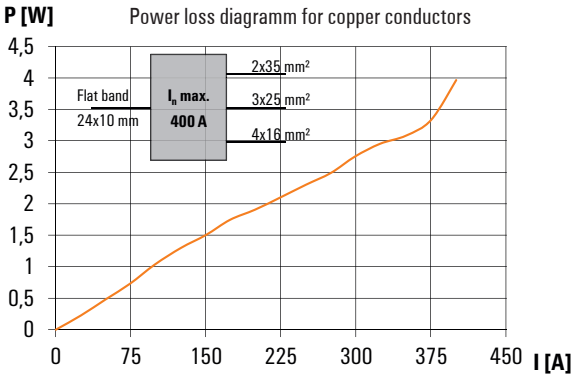
input

Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A Copper		Aluminium*		CP** B Copper
120 mm²	19 Nm		22,6 Nm		
95 mm²		19 Nm		22,6 Nm	
70 mm²					
50 mm²					
35 mm²					
25 mm²					
Flat band 24x10mm					3 Nm
Stripping lengths	27 mm				22 mm
Allen screw	M14				M6
* Values according to UL 1059 ** CP - connection point					

WPD 108

Power loss diagramm for copper conductors



Output	connection point 1 / 2 / 3 Copper		Aluminium*		connection point 4 / 5 / 6 / 7 Copper		Aluminium*		connection point 8 / 9 Copper		Aluminium*	
35 mm²	2 Nm		5,1 Nm		2 Nm		5,1 Nm		2,5 Nm		11,3 Nm	
25 mm²		2 Nm		5,1 Nm		2 Nm				2,5 Nm		11,3 Nm
16 mm²												
10 mm²												
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			
* Values according to UL 1059												

Stranded | Solid | Flexible with ferrule | Sector shaped | Flat band

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				
Input (line)	connection point A Copper		Aluminium		CP* B Copper
kcmil 250	168.2 Lb In.		200 Lb In.		
AWG 4/0					
AWG 3/0		168.2 Lb In.		200 Lb In.	
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
Flat band 24x10 mm					17.7 Lb In.
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)	600 V				
* CP - connection point					

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output		
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.			
⋮	⋮			
AWG 2	19 Nm			
AWG 2		3 Nm	3 Nm	6 Nm
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			
* CP - connection point				

Output	connection point 1 / 2 / 3 Copper		Aluminium		connection point 4 / 5 / 6 / 7 Copper		Aluminium		connection point 8 / 9 Copper		Aluminium	
AWG 2	22.6 Lb In.		45.1 Lb In.		22.6 Lb In.		45.1 Lb In.		53.1 Lb In.		100 Lb In.	
AWG 4		22.6 Lb In.		45.1 Lb In.		22.6 Lb In.				53.1 Lb In.		100 Lb In.
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A		115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V											

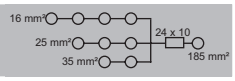
Stranded | Solid | Flexible with ferrule | Sector shaped | Flat band

W-Series
WPD 109 1X185/2X35+3X25+4X16

WPD 109 — 185 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

55.1 / 77 / 95	
353 / 185	
1,5...185	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	185 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	185 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	185 mm²	mm/–
	35 mm²	mm/–
	25 mm²	mm²
	16 mm²	mm²
Tightening torque		Nm
Note		

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	880
490	310	310	353
185	AWG 16...350 kcmil	AWG 16...350 kcmil	185
200 kA			
8 kV / 3			
III / V-0			
CNEX 16 ATEX0005U			

Bemessungsanschluss
70...185 / 70...185
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
50...150
2.5...25
1.5...16
1.5...10
27 / M14
18 / M8
12 / M6
12 / M6
siehe Anhang am Kapitelende

Ordering data

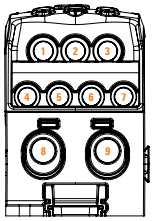
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 109 1X185/2X35+3X25+4X16 GY	1	1562090000
WPD 109 1X185/2X35+3X25+4X16 BL	1	2519490000
WPD 109 1X185/2X35+3X25+4X16 RD	1	2725270000
WPD 109 1X185/2X35+3X25+4X16 BK	1	2725370000

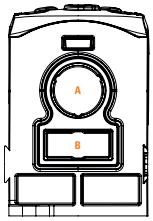
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

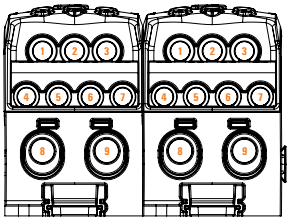
Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



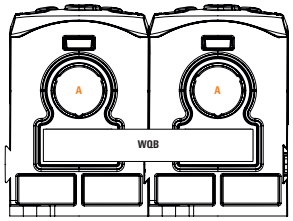
output



input



output



input

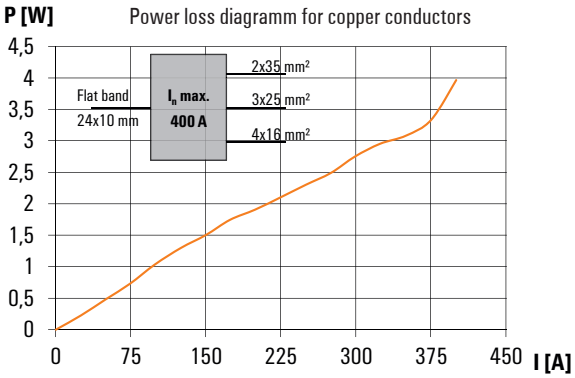
Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A Copper		Aluminium*		CP** B Copper
185 mm²	19 Nm	19 Nm	22,6 Nm	22,6 Nm	
150 mm²					
120 mm²					
95 mm²					
70 mm²					
50 mm²					
Flat band 24x10mm					3 Nm
Stripping lengths	27 mm				22 mm
Allen screw	M14				M6

* Values according to UL 1059 ** CP - connection point

WPD 109

Power loss diagramm for copper conductors



Output	connection point 1 / 2 / 3 Copper		Aluminium*		connection point 4 / 5 / 6 / 7 Copper		Aluminium*		connection point 8 / 9 Copper		Aluminium*	
35 mm²									2,5 Nm		11,3 Nm	11,3 Nm
25 mm²	2 Nm		5,1 Nm							2,5 Nm		
16 mm²		2 Nm		5,1 Nm	2 Nm		5,1 Nm					
10 mm²						2 Nm						
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			

* Values according to UL 1059

Stranded Solid Flexible with ferrule Sector shaped Flat band

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				
Input (line)	connection point A Copper		Aluminium		CP* B Copper
kcmil 350	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.	
kcmil 300					
kcmil 250					
AWG 4/0					
AWG 3/0					
AWG 2/0					
AWG 1/0					
Flat band 24x10 mm					17.7 Lb In.
max. current	310 A	285 A	250 A	230 A	250 A
Voltage size B,C (UR)	600 V				

* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output		
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.			
⋮	⋮			
AWG 2/0	19 Nm			
AWG 2		2Nm	2 Nm	3 Nm
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3 Copper		Aluminium		connection point 4 / 5 / 6 / 7 Copper		Aluminium		connection point 8 / 9 Copper		Aluminium	
AWG 2									53.1 Lb In.		100 Lb In.	100 Lb In.
AWG 4	22.6 Lb In.		45.1 Lb In.							53.1 Lb In.		
AWG 6		22.6 Lb In.		45.1 Lb In.	22.6 Lb In.		45.1 Lb In.					
AWG 8						22.6 Lb In.						
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A		115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V											

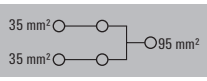
Stranded Solid Flexible with ferrule Sector shaped Flat band

W-Series
WPD 111 1X95/4X35

WPD 111 — 95 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

36.6 / 69.4 / 105	
232 / 95	
2.5...95	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm²	mm²
	35 mm²	mm²
Flexible with ferrule	95 mm²	mm²
	35 mm²	mm²
Stripping length / Blade size	95 mm²	mm/–
	35 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
232	230		
95	AWG 12...4/0		
	200 kA		
	8 kV / 3		
	III / V-0		
Bemessungsanschluss			
16...95 / 16...95			
4...35 / 4...35			
10...70			
2.5...25			
21 / M12			
16 / M8			
see appendix at the end of the chapter			

Ordering data

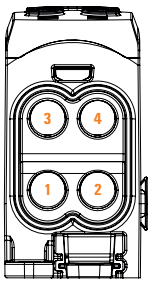
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 111 1X95/4X35 GY	1	2603790000
WPD 111 1X95/4X35 BL	1	2603800000
WPD 111 1X95/4X35 RD	1	2730310000
WPD 111 1X95/4X35 BK	1	2730320000

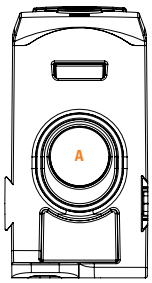
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



output



input

Conductor connection data according to IEC 60947-1 (Cu)

Input	connection point A Copper	
1x 95 mm²		
95 mm²	14 Nm	
70 mm²		14 Nm
50 mm²		
35 mm²		
25 mm²		
16 mm²		
10 mm²		
Stripping lengths	21 mm	
Allen screw	M12	

Output	connection point A Copper	
1x 35 mm²		
35 mm²	6 Nm	
25 mm²		6 Nm
16 mm²		
10 mm²		
6 mm²		
4 mm²		
2,5 mm²		
Stripping lengths	16 mm	
Allen screw	M8	

Stranded

Solid

Flexible with ferrule

Sector shaped

Flat band

Conductor connection data according to 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 4/0	200 Lb In.		200 Lb In.	
AWG 3/0		200 Lb In.		200 Lb In.
AWG 2/0				
AWG 1/0				
AWG 1				
AWG 2				
AWG 3				
AWG 4				
AWG 6				
AWG 8				
max. current	230 A	200 A	180 A	155 A
Voltage size B,C (UR)	1000 V			

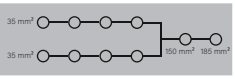
Output	connection point 1 / 2 / 3 / 4			
	Copper		Aluminium	
AWG 2	124.8 Lb In.		124.8 Lb In.	
AWG 3		124.8 Lb In.		124.8 Lb In.
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			

W-Series
WPD 113 1X185+1X150/8X35

WPD 113 | 185 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

62.6 / 80.3 / 126.3	
353 / 185	
2.5...185	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm²	mm²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	185 mm²	mm²
	150 mm²	mm²
	35 mm²	mm²
Flexible with ferrule	185 mm²	mm²
	150 mm²	mm²
	35 mm²	mm²
Stripping length / Blade size	185 mm²	mm/–
	150 mm²	mm/–
	35 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
353	310		
185	AWG 12...350 kcmil		
		200 kA	
		8 kV / 3	
		III / V-0	

Rated connection
90...185
90...150
4...35 / 4...35
50...150
50...120 / 50...120
2.5...25
33 / M16
28 / M16
16 / M8
siehe Anhang am Kapitelende

Ordering data

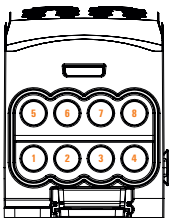
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 113 1X185+1X150/8X35 GY	1	2603740000
WPD 113 1X185+1X150/8X35 BL	1	2603750000
WPD 113 1X185+1X150/8X35 RD	1	2730350000
WPD 113 1X185+1X150/8X35 BK	1	2730360000

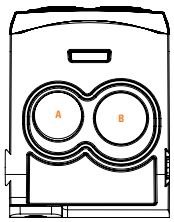
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



output



input

Conductor connection data according to IEC 60947-1 (Cu)

Input	connection point A Copper		connection point B Copper	
185 mm²	25 Nm			
150 mm²		25 Nm	25 Nm	
120 mm²				25 Nm
95 mm²				
70 mm²				
50 mm²				
Stripping lengths	33 mm		28 mm	
Allen screw	M16		M16	

Output	connection point 1– 8 Copper	
35 mm²	6 Nm	
25 mm²		6 Nm
16 mm²		
10 mm²		
6 mm²		
4 mm²		
2,5 mm²		
Stripping lengths	16 mm	
Allen screw	M8	

Mehrdrähtig

Eindrähtig

Feindrähtig mit Aderendhülse

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693							
	connection point A				connection point B			
Input (line)	Copper		Aluminium		Copper		Aluminium	
350 kcmil	249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.	
300 kcmil		249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.
250 kcmil								
AWG 4/0								
AWG 3/0								
AWG 2/0								
AWG 1/0								
max. current	310 A	285 A	250 A	230 A	285 A	255 A	230 A	205 A
Voltage size B,C (UR)	1000 V				1000 V			

Output	connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 Copper		Aluminium	
AWG 2	124.8 Lb In.		124.8 Lb In.	
AWG 3		124.8 Lb In.		124.8 Lb In.
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			

Stranded

Solid

Flexible with ferrule

Socket wides - overview WPD

	WPD 104	WPD 105	WPD 106	WPD 107	WPD 108	WPD109
Inputs						
Main connection point ["A"]	SW 3 (M6x10)	SW 4 (M8x12)	SW 5 (M10x1x12)	SW 6 (M12x16)	SW 6 (M14x1.5x18)	SW 6 (M14x1.5x18)
Second connetion point / cross connection ["B"]	Pozi 2 (M6x11)	Pozi 2 (M6x11)				
Connection input or output with 2 x 35mm²				SW 4 (M8x12)		
Ribbon cable connection 15.5 x 5 mm			SW 4 (M5x20)			
Ribbon cable connection 24 x 10 mm					SW 5 (M6x30)	SW 5 (M6x30)
Outputs						
2 x 16 mm²	SW 3 (M6x8)					
3 x 10 mm²	SW 2.5 (M5x8)					
2 x 25 mm²		SW 3 (M6x10)	SW 3 (M6x8)			
3 x 16 mm²		SW 3 (M6x8)	SW 3 (M6x8)			
8 x 25 mm²				SW 3 (M6x10)		
2 x 35 mm²					SW 4 (M8x10)	SW 4 (M8x10)
3 x 25 mm²					SW 3 (M6x8)	SW 3 (M6x8)
4 x 16 mm²					SW 3 (M6x8)	SW 3 (M6x8)

	WPD 111	WPD 113
Inputs		
Main connection point ["A"]	SW 6 (M12)	M16
Second connetion point / cross connection ["B"]		M16
Connection input or output with 2 x 35mm²		
Ribbon cable connection 15.5 x 5 mm		
Outputs		
35 mm³	SW 4 (M8)	M8
25 mm²	SW 4 (M8)	M8
16 mm²	SW 4 (M8)	M8
10 mm²	SW 4 (M8)	M8
6 mm²	SW 4 (M8)	M8
4 mm²	SW 4 (M8)	M8
2,5 mm²	SW 4 (M8)	M8

	WPD 130	WPD 230	WPD 330	WPD 131	WPD 231	WPD 132	WPD 232	WPD 133	WPD 233
Inputs									
1 x 50 mm²	SW 5 (M10x1.25)								
2 x 50 mm²		SW 5 (M10x1.25)							
3 x 50 mm²			SW 5 (M10x1.25)						
1 x 95 mm²				SW 6 (M14x1.5)					
2 x 95 mm²					SW 6 (M14x1.5)				
1 x 185 mm²						SW 10 (M18x2)			
2 x 185 mm²							SW 10 (M18x2)		
1 x 300 mm²								SW 12 (M24x2)	
2 x 300 mm²									SW 12 (M24x2)
Outputs									
1 x 50 mm²	SW 5 (M10x1.25)								
2 x 50 mm²		SW 5 (M10x1.25)							
3 x 50 mm²			SW 5 (M10x1.25)						
1 x 95 mm²				SW 6 (M14x1.5)					
2 x 95 mm²					SW 6 (M14x1.5)				
1 x 185 mm²						SW 10 (M18x2)			
2 x 185 mm²							SW 10 (M18x2)		
1 x 300 mm²								SW 12 (M24x2)	
2 x 300 mm²									SW 12 (M24x2)

	WPD 101	WPD 301	WPD 401	WPD 501	WPD 102	WPD 202	WPD 302	WPD 103
Inputs								
1 x 16 mm²	cross recess+/- G2 (M6)							
1 x 25 mm²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm²						cross recess+/- G2 (M6)		
3 x 16 mm²		cross recess+/- G2 (M6)						
3 x 25 mm²		cross recess+/- G2 (M6)					cross recess+/- G2 (M6)	
4 x 16 mm²			cross recess+/- G2 (M6)					
4 x 25 mm²			cross recess+/- G2 (M6)					
5 x 16 mm²				cross recess+/- G2 (M6)				
5 x 25 mm²				cross recess+/- G2 (M6)				
1 x 35 mm²					cross recess+/- G2 (M8)			
2 x 35 mm²						cross recess+/- G2 (M8)		
3 x 35 mm²							cross recess+/- G2 (M8)	
1 x 50 mm²								hexagonal recess SW4 (M8)
1 x 70 mm²								hexagonal recess SW4 (M10)
Outputs								
1 x 16 mm²	cross recess+/- G2 (M6)							
1 x 25 mm²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm²						cross recess+/- G2 (M6)		
3 x 16 mm²		cross recess+/- G2 (M6)						
3 x 25 mm²		cross recess+/- G2 (M6)					cross recess+/- G2 (M6)	
4 x 16 mm²			cross recess+/- G2 (M6)					
4 x 25 mm²			cross recess+/- G2 (M6)					
5 x 16 mm²				cross recess+/- G2 (M6)				
5 x 25 mm²				cross recess+/- G2 (M6)				
1 x 35 mm²					cross recess+/- G2 (M8)			
2 x 35 mm²						cross recess+/- G2 (M8)		
3 x 35 mm²							cross recess+/- G2 (M8)	
1 x 50 mm²								hexagonal recess SW4 (M8)
1 x 70 mm²								hexagonal recess SW4 (M10)

Conductor connection data WPD

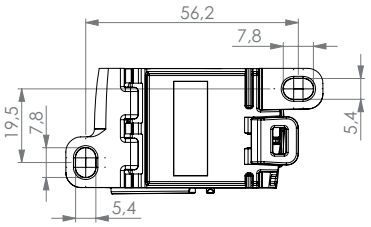
Type		Input side									
		Copper					Aluminium				
	input cross section	solid	stranded	Finely stranded with wire end ferrule	flat band	Tightening Torque	solid	stranded	flexible with ferrule	sector shape	Tightening Torque
WPD 130/230/330		35-50 mm²	35-50 mm²	35 mm²		10 Nm	35-50 mm²	35-50 mm²		35-50 mm²	14 Nm
		16-25 mm²	16-25 mm²	16-25 mm²		8 Nm	25 mm²	25 mm²			12 Nm
		2.5-10 mm²	2.5-10 mm²	2.5-10 mm²		6 Nm	16mm²	16 mm²		16 - 25 mm²	10 Nm
WPD 131/231		35-95 mm²	35-95 mm²	35-70 mm²		19 Nm	16-95 mm²	16-95 mm²		16-95 mm²	22.6 Nm
		10-25 mm²	10-25 mm²	10-25 mm²		14 Nm					
WPD 132/232					10 x 15.5 x 8 mm	30.9 Nm	95-185 mm²	95-185 mm²		95-185 mm²	30.9 Nm
		95-185 mm²	95-185 mm²	95-150 mm²		25 Nm					
				25-70 mm²		20 Nm					
WPD 133/233					10 x 20 x 1mm	65 Nm	150-300 mm²	150-300 mm²		150-300 mm²	65 Nm
		150-300 mm²	150-300 mm²	150-240 mm²		45 Nm					
				35-95 mm²		30 Nm					
WPD x01	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²		3.5 Nm	16-25 mm²	16-25 mm²			4 Nm
	2 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²		2.5 Nm	25 mm²	25 mm²			4 Nm
WPD x02	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²		3.5 Nm	35 mm²	35 mm²			8 Nm
							25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	2.5-16 mm²		3.5 Nm	25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
WPD x03	2 x 70 mm²	10-70 mm²	10-70 mm²	6-50 mm²		10 Nm	17mm²	17mm²			18 Nm
							50 mm²	50 mm²			10 Nm
							35 mm²	35 mm²			8 Nm
							25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
	2 x 50 mm²	6-50 mm²	6-50 mm²	4-35 mm²		6 Nm	50 mm²	50 mm²			10 Nm
							35 mm²	35 mm²			8 Nm
							25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
WPD x04	1 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²		2.5 Nm	16-25 mm²	16-25 mm²	16mm²	16-25 mm²	5.1 Nm
	1 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²		2.5 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm
WPD x05	1x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²		3.5 Nm	25-35 mm²	25-35 mm²	25mm²	25-35 mm²	11.3 Nm
	1 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²		2.5 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm
WPD x06	1 x 70 mm²	10-70 mm²	10-70 mm²	6-50 mm²		10 Nm	10-70 mm²	10-70 mm²	10-50 mm²	10-70 mm²	13.6 Nm
	15.5 x 5 mm				15.5 x 5 mm	2 Nm					
WPD x07	1 x 95 mm²	16-95 mm²	16-95 mm²	10-70 mm²		14 Nm	16-95 mm²	16-95 mm²	16-70 mm²	16-95 mm²	22.6 Nm
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²		3.5 Nm	16-35 mm²	16-35 mm²	16-25 mm²	16-35 mm²	11.3 Nm
WPD x08	1 x 120 mm²	35-120 mm²	35-120 mm²	25-95 mm²		19Nm	35-120 mm²	35-120 mm²	35-95 mm²	35-120 mm²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm					
WPD x09	1x 185 mm²	70-185 mm²	70-185 mm²	50-150 mm²		19 Nm	70-185 mm²	70-185 mm²	70-150 mm²	70-185 mm²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm					
WPD 111	1 x 95 mm²	16-95 mm²	16-95 mm²	10-70 mm²		14 Nm					
WPD 113	1 x 185 mm²	95-185 mm²	95-185 mm²	70-150 mm²		25 Nm					
	1 x 150 mm²	70-150 mm²	70-150 mm²	50-120 mm²		25 Nm					

Output side											Auxiliary connection			
		Copper				Aluminium								
	output cross section	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	sector shape	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque
		35-50 mm²	35-50 mm²	35 mm²	10 Nm	35-50 mm²	35-50 mm²		35-50 mm²	14 Nm				
		16 - 25 mm²	16 - 25 mm²	16 - 25 mm²	8 Nm	25 mm²	25 mm²			12 Nm				
		6 - 10 mm²	6 - 10 mm²	4 - 10 mm²	6 Nm	16mm²	16 mm²		16 - 25 mm²	10 Nm				
		35-95 mm²	35-95 mm²	35-70 mm²	19 Nm	16-95 mm²	16-95 mm²		16-95 mm²	22.6 Nm	1.5-10 mm²	1.5-10 mm²	1.5-6 mm²	1.2 Nm
		10-25 mm²	10-25 mm²	10-25 mm²	14 Nm									
		95-185 mm²	95-185 mm²	95-150 mm²	25 Nm	95-185 mm²	95-185 mm²		95-185 mm²	30.9 Nm	1.5-10 mm²	1.5-10 mm²	1.5-6 mm²	1.2 Nm
				25-70 mm²	20 Nm									
		150-300 mm²	150-300 mm²	150-240 mm²	45 Nm	150-300 mm²	150-300 mm²		150-300 mm²	65 Nm	1.5-10 mm²	1.5-10 mm²	1.5-6 mm²	1.2 Nm
				35-95 mm²	30 Nm									
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	3.5 Nm	16-25 mm²	16-25 mm²			4 Nm				
	2 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2.5 Nm	2.5 Nm	25 mm²			4 Nm				
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²	3.5 Nm	35 mm²	35 mm²			8 Nm				
						25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	2.5-16 mm²	3.5 Nm	25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 70 mm²	10-70 mm²	10-70 mm²	6-50 mm²	10 Nm	17mm²	17mm²			18 Nm				
						50 mm²	50 mm²			10 Nm				
						35 mm²	35 mm²			8 Nm				
						25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 50 mm²	6-50 mm²	6-50 mm²	4-35 mm²	6 Nm	50 mm2	50 mm2			10 Nm				
						35 mm²	35 mm²			8 Nm				
						25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2.5 Nm	10-16 mm²	10-16 mm²	10 mm²	10-16 mm²	5.1 Nm				
	3 x 10 mm²	1.5-10 mm²	1.5-10 mm²	1.5-16 mm²	2 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm				
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5 Nm	10-16 mm²	10-16 mm²	10 mm²	10-16 mm²	5.1 Nm				
	3 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm				
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5 Nm	10-16 mm²	10-16 mm²	10 mm²	10-16 mm²	5.1 Nm				
	3 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm				
	8 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5 Nm	16-25 mm²	16-25 mm²	16 mm²	16-25 mm²	5.1 Nm				
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²	2.5 Nm	16-35 mm²	16-35 mm²	16-25 mm²	16-35 mm²	11.3 Nm				
	4 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	1.5-16 mm²	5.1 Nm				
	3 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2 Nm	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5-25 mm²	5.1 Nm				
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²	2.5 Nm	16-35 mm²	16-35 mm²	16-25 mm²	16-35 mm²	11.3 Nm				
	4 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	16 mm²	16 mm²		16 mm²	5.1 Nm				
	3 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2 Nm	16-25 mm²	16-25 mm²	16 mm²	16-25 mm²	5.1 Nm				
	4 x 35 mm²	4-35 mm²	4-35 mm²	2,5-25 mm²	6 Nm					4 Nm				
	8 x 35 mm²	4-35 mm²	4-35 mm²	2,5-25 mm²	6 Nm									

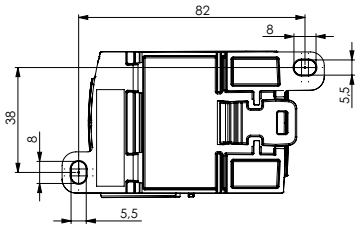
Power distribution / Power feed-in
Screw connection

Mounting

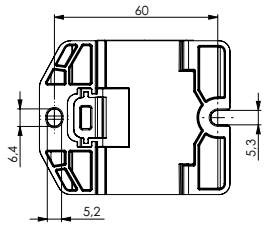
WPD 104



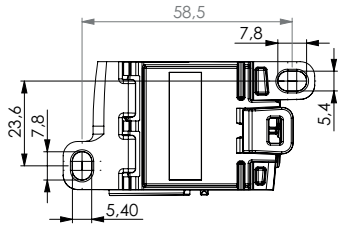
WPD 109



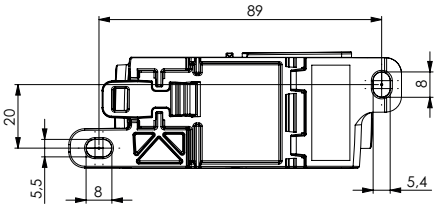
WPD 330



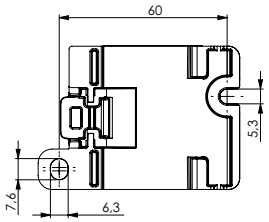
WPD 105



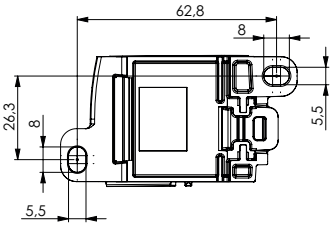
WPD 111



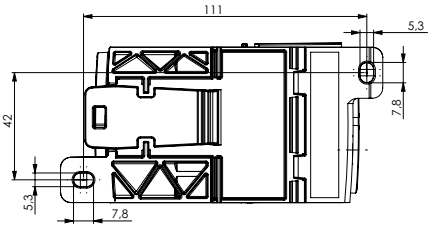
WPD 330CC



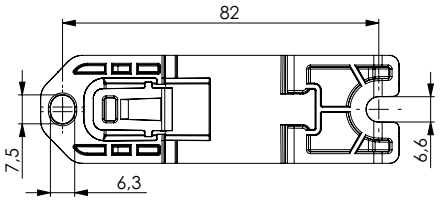
WPD 106



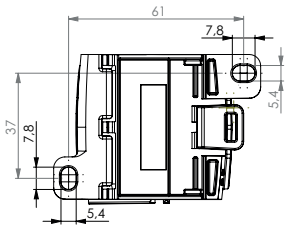
WPD 113



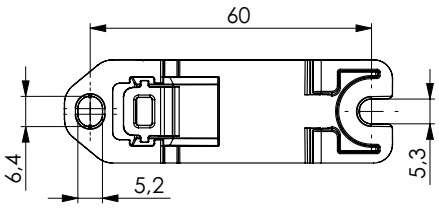
WPD 131



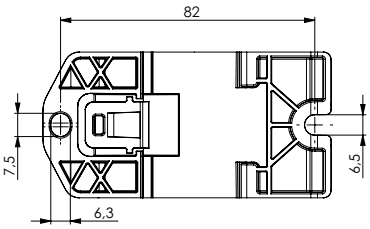
WPD 107



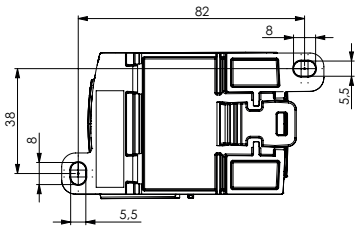
WPD 130



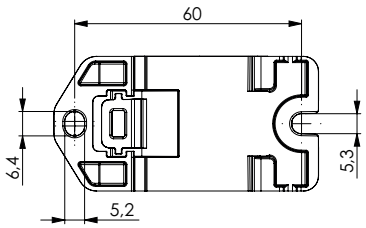
WPD 231



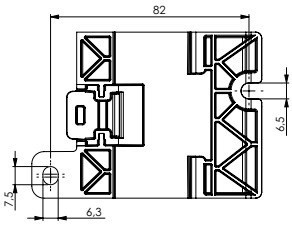
WPD 108



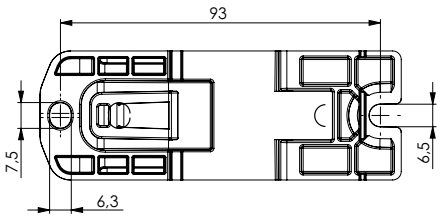
WPD 230



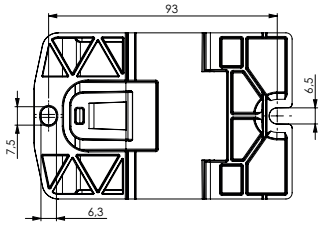
WPD 331CC



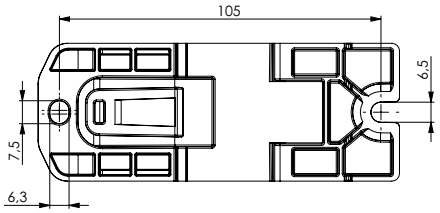
WPD 132



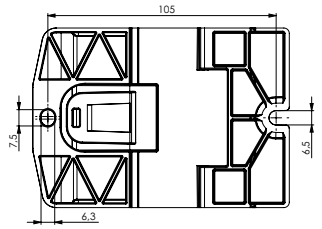
WPD 232



WPD 133



WPD 233



	AMC 2.5	2.5 mm²	AMC 2.5 800 V	2.5 mm²
Width/Height/Depth mm	5.1 x 107.5 x 88		6.1 x 107.5 x 88	
max. current / max. cond. cross-section A/mm²	22 / 2.5		22 / 2.5	
Max. clamping range mm²	0.14...2.5		0.14...2.5	

Technical data

	AMC 2.5	2.5 mm²	AMC 2.5 800 V	2.5 mm²
Rated data				
Rated voltage V	690		800	
Rated current A	22		22	
for wire cross-section mm²	2.5		2.5	
Rated impulse withstand voltage / Pollution severity	8 kV / 3		8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0		A3 / V-0	
Approvals	TUEV16ATEX7909U		TUEV16ATEX7909U	
Clamped conductors				
Solid / Stranded mm²	0.5...2.5 / 0.5...4		0.5...2.5 / 0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	
Note				

	AMC 2.5	2.5 mm²	AMC 2.5 800 V	2.5 mm²
	DIN EN 60947-7-1, DIN EN 60947-7-2	Ex eb II C Gb II 2 G D	DIN EN 60947-7-2	Ex eb II C Gb II 2 G D
IEC	690		800	
UL	150		600	
CSA	150		600	
EN 60079-7	440		440	
	22		22	
	20		20	
	20		20	
	19		19	
	2.5		2.5	
	AWG 28...12		AWG 28...12	
	AWG 28...12		AWG 28...12	
	2.5 mm²		2.5 mm²	

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	AMC 2.5	50	2434340000	AMC 2.5 800V	50	2434370000
Note						

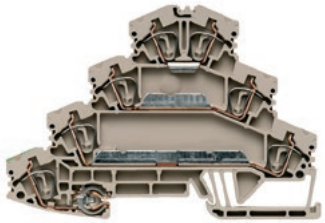
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000				
10-pole	ZQV 2.5N/10	24 A	20	1527690000				
Vertical jumpers								
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000	ZVQ 2.5/1.5	24 A	50	1720700000
End plate								
dark beige	AEP MC 2.5		25	2433820000				
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000	SNAPMARK I		50	1805880000

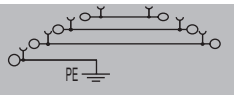
For detailed information on other accessories and application in the online catalogue

ZMAK 2.5 — 2.5 mm²

Motor-supply terminal

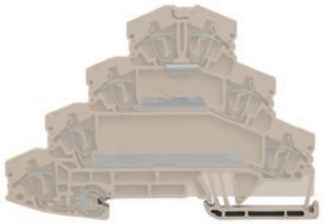


Width/Height/Depth	5.1 x 102 x 69.5 mm
max. current / max. cond. cross-section	31 / 4 A/mm²
Max. clamping range	0.13...4 mm²

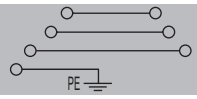


ZMAK 2.5 690 V — 2.5 mm²

Motor-supply terminal



Width/Height/Depth	6.1 x 102 x 69.5 mm
max. current / max. cond. cross-section	31 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

Rated data	ZMAK 2.5	ZMAK 2.5 690 V
Rated voltage (V)	IEC 60947-7-1 (-7-2): 400	IEC 60947-7-1 (-7-2): 690
	UL: 300	UL: 300
	CSA: 300	CSA:
	EN 60079-7:	EN 60079-7:
Rated current (A)	24	24
	25	25
for wire cross-section (mm²)	2.5	2.5
	AWG 26...12	AWG 26...12
	AWG 26...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors		
Solid / Stranded (mm²)	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZMAK 2.5	25	1768000000
Note			

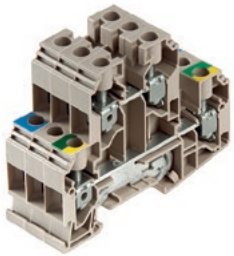
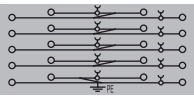
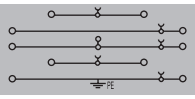
Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000

The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm.

Accessories

	ZMAK 2.5 Type	Qty.	Order No.	ZMAK 2.5 690 V Type	Qty.	Order No.
End plate / Partition plate						
dark beige	ZAP ZMAK2.5	10	1768010000	ZAP ZMAK2.5	10	1768010000
End bracket						
dark beige	ZEW 35	20	9540000000	ZEW 35	20	9540000000
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000	SDIS SLIM 0.6X3.5X100	1	2749610000
Reducing sleeves						
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	1000	1678810000	ZRH 1.5H/1	1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	1000	1678800000	ZRH 1.5H/2	1000	1678800000
Test adapter						
Standard	ZTA 1 9 A	25	1609040000			
Marking tags						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/5 MC NE WS	720	1609860000	WS 12/5 MC NE WS	720	1609860000
	DEK 5/5 MM WS	800	2007110000			
	WS 8/5 MM WS	800	2007150000			

For detailed information on other accessories and application in the online catalogue

	WDK 10 SET LS	10 mm²	WDK 10 SET BCD	10 mm²
				
Width/Height/Depth mm	49.5 x 85 x 69		29.7 x 85 x 69	
max. current / max. cond. cross-section A/mm²	70 / 16		70 / 16	
Max. clamping range mm²	1.5...16		1.5...16	

Technical data

Rated data	WDK 10 SET LS	WDK 10 SET BCD
Rated voltage V	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600		800	600	600	
57	64	64		57	64	64	
10	AWG 18...6	AWG 18...6		10	AWG 18...6	AWG 18...6	
	8 kV / 3				8 kV / 3		
	B6 / V-0				B6 / V-0		

Clamped conductors		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Tightening torque / Clamping screw	Nm	
Stripping length / Blade size	mm/-	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	-	
Flexible / Flexible with ferrule	-	

Rated connection	Further connection	Rated connection	Further connection
1.5...16 / 1.5...16		1.5...16 / 1.5...16	
1.5...16 / 1.5...16		1.5...16 / 1.5...16	
1.2...1.9 / (M 4)		1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm		12 / 1.0 x 5.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige						
with PE foot						
dark beige / green / yellow	WDK 10 SET LS	1	1415530000	WDK 10 SET BCD	1	1415540000

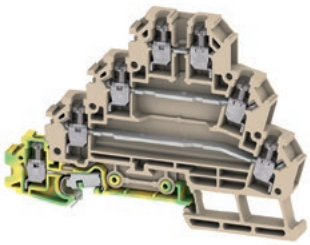
Note

Accessories

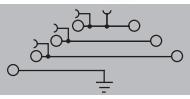
Screwable cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	WQV 10/2	76 A	50	1052560000	WQV 10/2	76 A	50	1052560000
10-pole	WQV 10/10	63 A	20	1052460000	WQV 10/10	63 A	20	1052460000
End plate / Partition plate								
dark beige	WAP WDK10		20	1186720000	WAP WDK10		20	1186720000
Blue	WAP WDK10 BL		20	1186730000	WAP WDK10 BL		20	1186730000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
dark beige, screwable								
Screwdriver								
Standard	SDS 1.0X5.5X150		1	2749380000	SDS 1.0X5.5X150		1	2749380000
Cover								
Blank, white	WAD 8 MC NE WS		48	1112940000	WAD 8 MC NE WS		48	1112940000
Blank, yellow	WAD 8 MC NE GE		48	1112950000	WAD 8 MC NE GE		48	1112950000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
Cross-connector								
black								
blue								
red								

For detailed information on other accessories and application in the online catalogue

MAK 2.5 — 2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

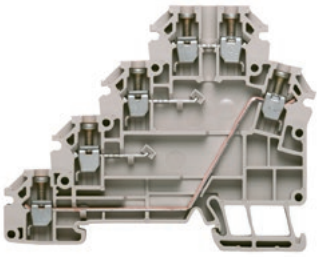
Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

Type	Qty.	Order No.
MAK 2.5 DB	50	**7917030000**

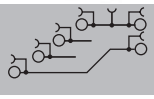
Type	Qty.	Order No.
AP MAK2.5 DB	20	**7917000000**
WEW 35/1	50	**1059000000**
SDIS 0.6X3.5X100	1	**2749810000**
DEK 5/5 MC NE WS	1000	**1609801044**

Type			Order No.
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**

VLI 1.5 — 1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
	4 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

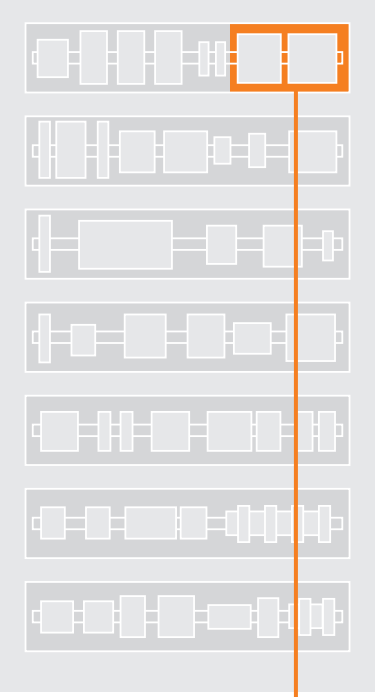
Type	Qty.	Order No.
VLI 1.5 DB	50	**1784120000**
VLI 1.5/PE DB	50	**1784130000**

Type	Qty.	Order No.
AP VLI1.5 DB	20	**1784150000**
WEW 35/1	50	**1059000000**
SDIS 0.6X3.5X100	1	**2749810000**
DEK 5/5 MC NE WS	1000	**1609801044**

Type			Order No.
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**

Safe supply to equipment in the panel

Klippon® Connect for optimum control voltage distribution

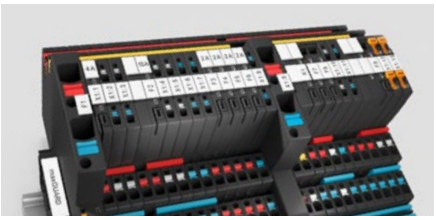


For power supplies to equipment in the panel, there is an increased risk of incorrect connections because of the large number of conductors. Our tailored AAP potential distribution terminal blocks and the maxGUARD modular system with built-in electronic load monitoring offer ideal solutions for surge current protection and clear, structured power distribution within control voltage circuits. The considerable space saving and reduced wiring means you can guarantee supply to your panel equipment simply and effectively.

Our promise

For complex wiring projects in confined spaces, we offer a future-oriented strategy for central potential distribution with direct wiring option for all the device's plus and minus potentials. This means that Klippon® Connect makes planning and implementing your control voltage distribution system considerably more productive.

Our range

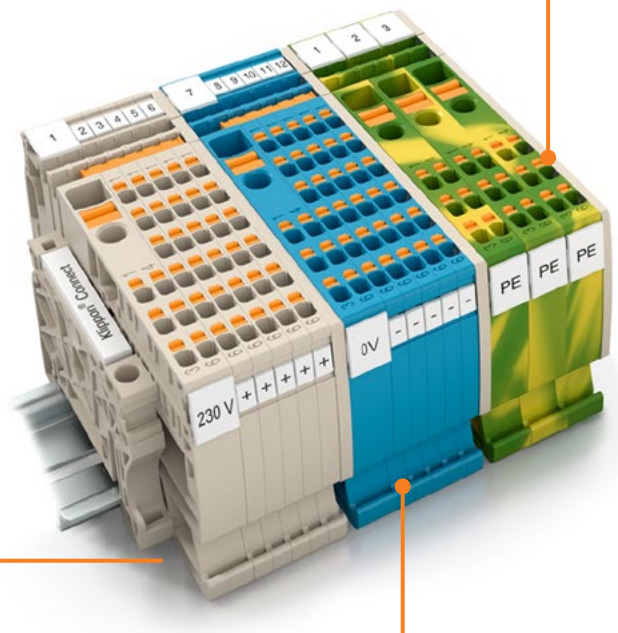


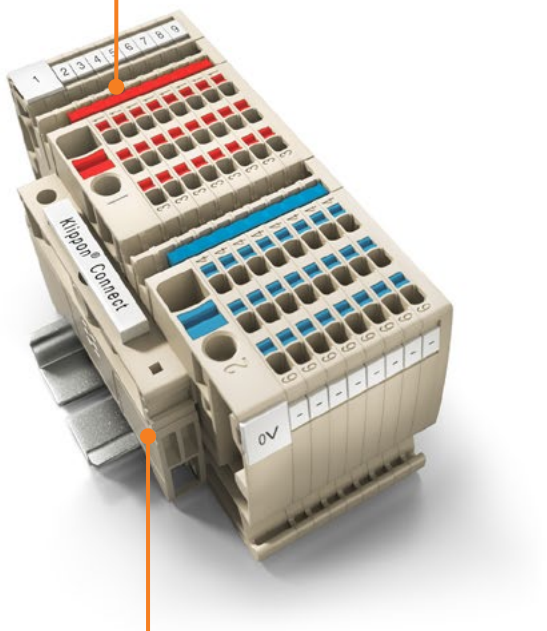
Combined load monitoring and potential distribution:
maxGUARD is our unique modular system for control voltage distribution. The consistent design of the electronic load monitoring and potential distribution terminal blocks plus the simple cross-connection options save time and money and prevent mis-connections.

Simpler customised solutions:
Our assembly service for standard blocks and completed control voltage distribution systems guarantees ease of ordering and production optimisation. We create a perfect-fit solution for all of your requirements.

Space saving
- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads

Time saving
- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator





Flexibility
- Simple to modify and expand
- Easy to rewire without special tools thanks to PUSH IN technology
- Universal use – for direct and alternating current from 0 to 250 V

Safety
- Guarantees vibration-resistant and gas-tight connections
- Pusher and clear design to prevent mis-connection

Individual configuration for each control cabinet type

The modular terminal block system for control voltage distribution

Professional marking
Large marking areas in combination with our marking solutions ensure precise identification of the individual terminal blocks.

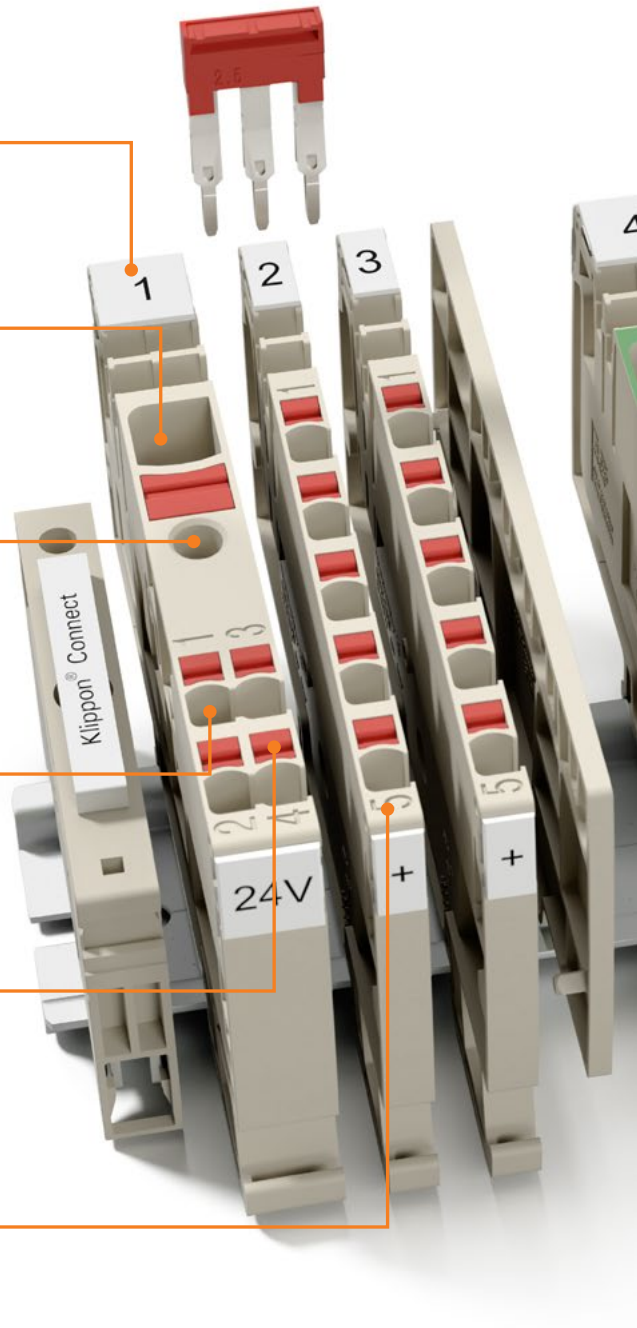
Convenient feed-in terminal block
A distinguishable power terminal offers a simple powersupply into the system.

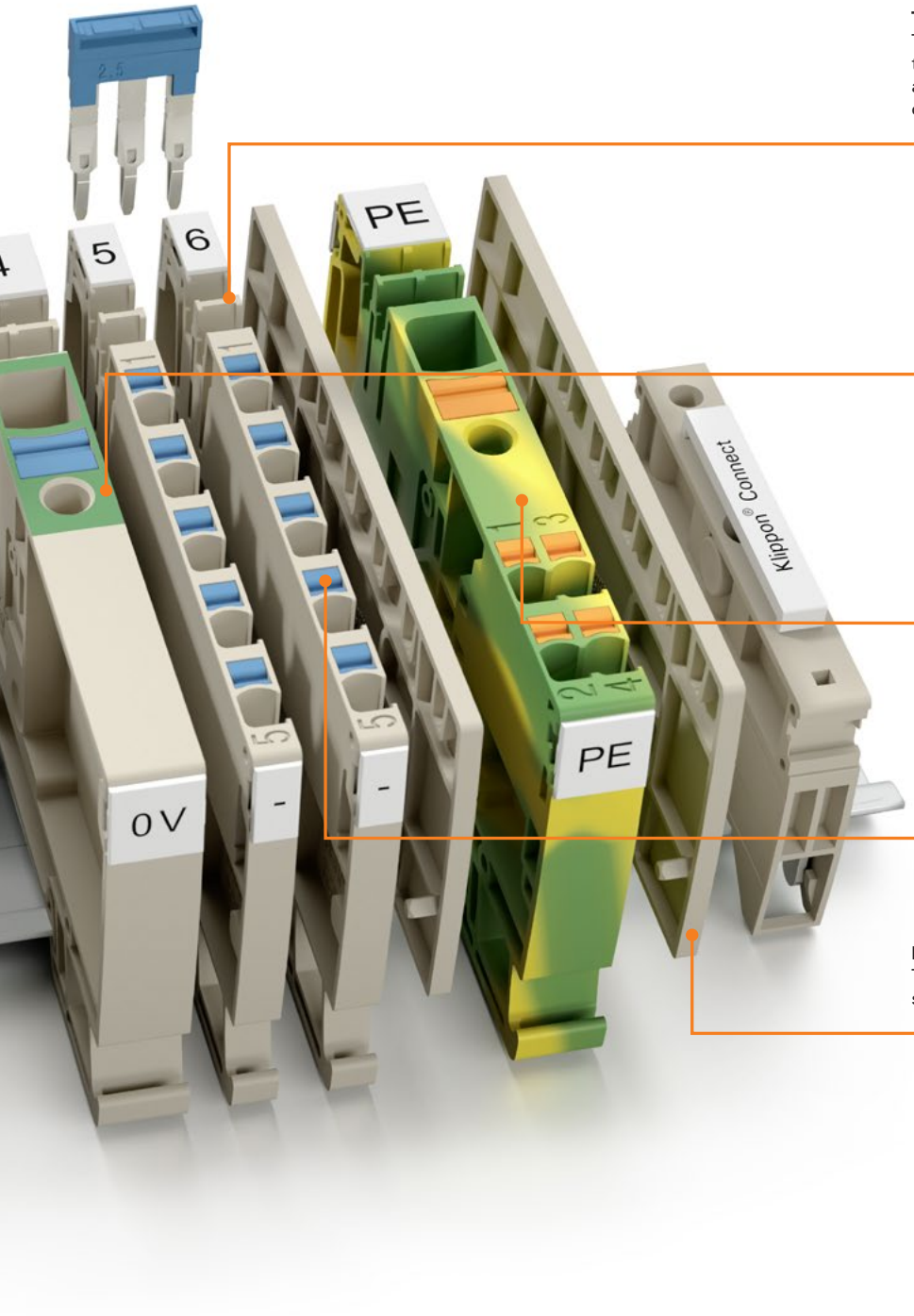
Integrated test point
The integrated test and inspection tap enables quick and easy testing with standard size 2.0 probes and test plugs.

Double connection on power feed in terminal block
Additional connections on the feed in terminal block save components and assembly time. Depending on the system structure, additional space savings of 3.5 or 5.1 mm can be achieved.

Coloured pushers
The colour coding can easily distinguish the different potentials. Oversight saves time and costs for maintenance and troubleshooting.

Distinct contact identification
Each contact point on the terminal block has a distinct mark such that it can be assigned unambiguously to the connection point in the circuit diagram.





Two cross-connection channels
The modular system allows an additional terminal block to be attached and expanded via an additional cross-connection in the second cross-connection channel.

Optional FE variants
The FE terminals have a contact to the DIN rail underneath, which serves as zero adjustment of the potentials.

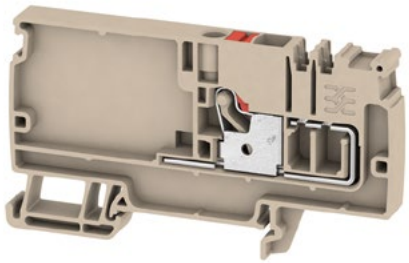
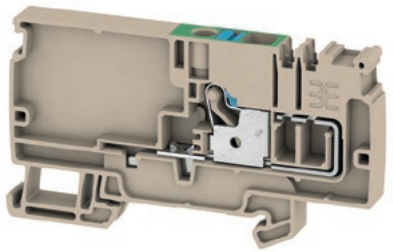
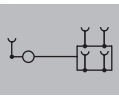
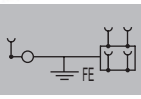
PE - Protective earth terminal block
Terminal blocks for connecting protective earth conductors completes the AAP system (plus, minus and PE). The power terminals with predective conductor functions comply with the IEC 60947-7-2 standard.

Clear distribution terminal block
Easily identifiable terminals to distribute power to individual branch circuits.

Robust end plates
The end plates ensure finger safety and separation of the different potentials.

AAP - potential distribution terminal blocks

Potential distribution with separate fusing

	AAP11 6 LO	6 mm²	AAP11 6 FE	6 mm²
				
Width/Height/Depth mm	8.1 x 85.5 x 47		8.1 x 85.5 x 47	
max. current / max. cond. cross-section A/mm²	**41 / 6**		**41 / 6**	
Max. clamping range mm²	**0.34...6**		**0.34...6**	

Technical data

	AAP11 6 LO	AAP11 6 FE
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated voltage of feed-through terminal V	500	500
Rated current A	41	41
for wire cross-section mm²	6	6
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	IEC 300 UL 300 CSA 300 EN 60079-7	IEC 300 UL 300 CSA 300 EN 60079-7
Clamped conductors		
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

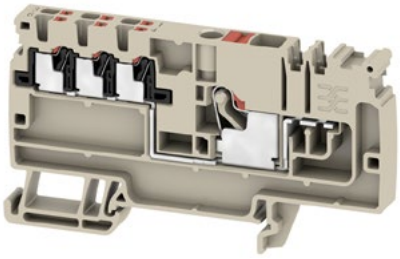
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
beige / red pusher	AAP11 6 LO RD	20	**1989780000**			
beige / blue pusher	AAP11 6 LO BL	20	**1988130000**	AAP11 6 FE	20	**1988140000**
beige / orange pusher	AAP11 6 LO OR	20	**2503650000**			
beige / white pusher	AAP11 6 LO WT	20	**2683430000**			
green-yellow / orange pusher						
blue / orange pusher	AAP11 6 LO BL/OR	20	**2522720000**			
green / orange pusher	AAP11 6 LO GN/OR	20	**2718300000**			
Note						

Accessories

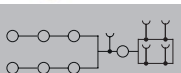
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	**1985530000**	ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	**1985680000**	ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
End plate / Partition plate								
	AEP AP11		20	**1988320000**	AEP AP11		20	**1988320000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 1,0X5,5X125		1	**2749160000**	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags								
	DEK-A 5/8 MM WS		500	**2448860000**	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

AAP11 6/6X1.5 LO-LI — 6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-1

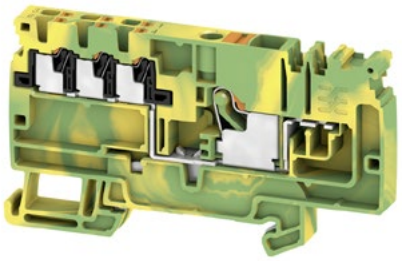
IEC	UL	CSA	EN 60079-7
500	300	300	
41	38	38	
6	AWG 26...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

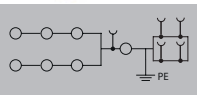
Type	Qty.	Order No.
AAP11 6/6X1.5 LO-LI RD	20	2464690000
AAP11 6/6X1.5 LO-LI BL	20	2464750000
AAP11 6/6X1.5 LO-LI OR	20	2503870000
AAP11 6/6X1.5 LO-LI WT	20	2712960000
AAP11 6/6X1.5 LO-LI BL/OR	20	2522830000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP11 6/6X1.5 PE-LI — 6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-2

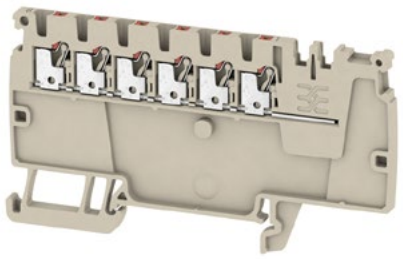
IEC	UL	CSA	EN 60079-7
500	300		
41			
6	AWG 26...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

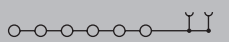
Type	Qty.	Order No.
AAP11 6/6X1.5 PE-LI	20	2464740000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP11 1.5 LI — 1.5 mm²



3.5 x 85.5 x 47
17.5 / 1.5
0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

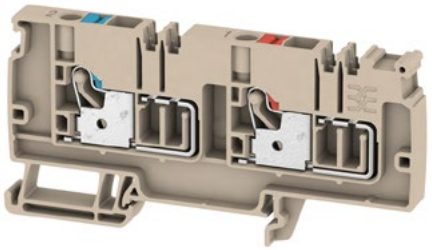
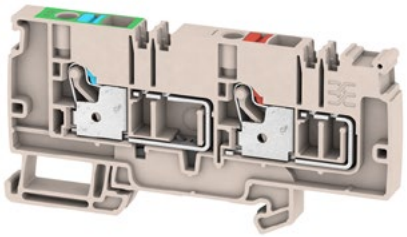
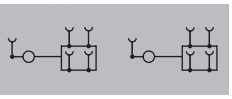
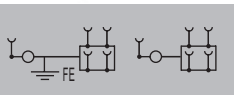
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP11 1.5 LI RD	50	1988160000
AAP11 1.5 LI BL	50	1988170000
AAP11 1.5 LI OR	50	2503910000
AAP11 1.5 LI WT	50	2683440000
AAP11 1.5 LI BL/OR	50	2522870000
AAP11 1.5 LI GN/OR	50	2614100000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SDIS 0.4X2.0X60		1	2749780000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP13 6 LO-LO	AAP13 6 FE-LO
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.1 x 96 x 47	8.1 x 96 x 47
max. current / max. cond. cross-section A/mm²	41 / 6	41 / 6
Max. clamping range mm²	0.34...6	0.34...6
		

Technical data

	AAP13 6 LO-LO	AAP13 6 FE-LO
Rated data		
Rated voltage of feed-through terminal V	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
250	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	
	4 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
beige / red and blue pusher	AAP13 6 LO-LO	20	1988260000
beige / orange and orange pusher	AAP13 6 FE-LO	20	1988270000

Note

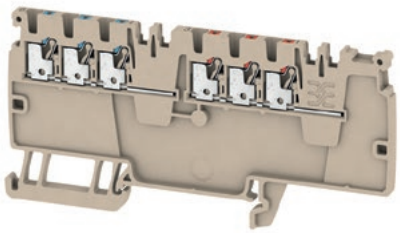
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate / Partition plate				
	AEP AP13		20	1990140000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

	Type		Qty.	Order No.
	ZQV 1.5N/2 RD	17.5 A	60	1985650000
	ZQV 1.5N/10 RD	17.5 A	20	1985800000
	ZQV 1.5N/2 BL	17.5 A	60	1985530000
	ZQV 1.5N/10 BL	17.5 A	20	1985680000
	AEP AP13		20	1990140000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	PS 2.0 MC		20	0310000000
	SDIL 1,0X5,5X125		1	2749160000
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP13 1.5 LI-LI — 1.5 mm²



3.5 x 96 x 47
16 / 1.5
0.14...1.5

IEC 60947-7-1

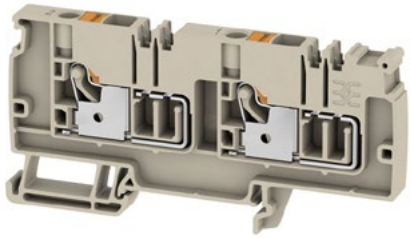
IEC	UL	CSA	EN 60079-7
250	150	150	
16	13	13	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

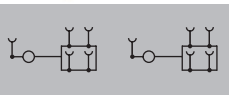
Type		Qty.	Order No.
AAP13 1.5 LI-LI		50	1988280000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP13		20	1990140000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SDIS 0.4X2.0X60		1	2749780000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AAP13 6 LO-LO OR — 6 mm²



8.1 x 96 x 47
41 / 6
0.34...6



In accordance with IEC 60947-7-1

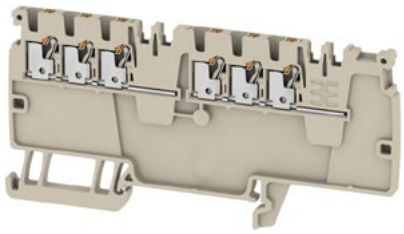
IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type		Qty.	Order No.
AAP13 6 LO-LO OR		20	2623910000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP13		20	1990140000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP13 1.5 LI-LI OR — 1.5 mm²



3.5 x 96 x 47
16 / 1.5
0.14...1.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150		
16	13		
1.5	AWG 26...14		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 /

Type		Qty.	Order No.
AAP13 1.5 LI-LI OR		50	2623920000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP13		20	1990140000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SDIS 0.4X2.0X60		1	2749780000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AAP – potential distribution terminal blocks

	SET AAP11 6/1.5/12C	6 mm²	SET AAP11 6/1.5/24C	6 mm²
Width/Height/Depth mm	35 x 85.5 x 47		49 x 85.5 x 47	
max. current / max. cond. cross-section A/mm²	**35 / 6**		**41 / 6**	
Max. clamping range mm²	**0.34...6**		**0.34...6**	

Technical data

	SET AAP11 6/1.5/12C	SET AAP11 6/1.5/24C
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated voltage of feed-through terminal V	500	500
Rated current A	35	41
for wire cross-section mm²	6	6
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	IEC UL CSA EN 60079-7	IEC UL CSA EN 60079-7
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
	SET AAP11 6/1.5/12C	1	**2506090000**
Note			

Version	Type	Qty.	Order No.
	SET AAP11 6/1.5/24C	1	**2506370000**
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Tools				
Tester	ZUB MULTIMETER		1	**9205270000**
Marking tags				
	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Tools				
Tester	ZUB MULTIMETER		1	**9205270000**
Marking tags				
	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

		SET AAP13 6/1.5/12C	6 mm²	SET AAP13 6/1.5/24C	6 mm²
Width/Height/Depth	mm	24.5 x 96 x 47		38.5 x 96 x 47	
max. current / max. cond. cross-section	A/mm²	**41 / 6**		**41 / 6**	
Max. clamping range	mm²	**0.34...6**		**0.34...6**	

Technical data

		In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal	V	250				250			
Rated current	A	41				41			
for wire cross-section	mm²	6				6			
Rated impulse withstand voltage / Pollution severity				4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A5 / V-0				A5 / V-0	
Approvals									
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
Note									

Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	SET AAP13 6/1.5/12C	1	**2506340000**	SET AAP13 6/1.5/24C	1	**2506380000**
Note						

Accessories

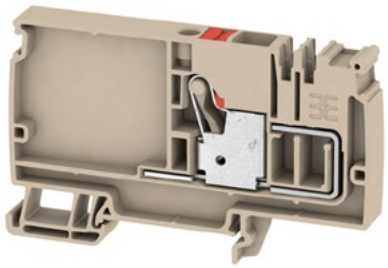
	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
Plug-in cross-connection								
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Tools								
Tester	ZUB MULTIMETER		1	**9205270000**	ZUB MULTIMETER		1	**9205270000**
Marking tags								
	WS 8/3.5 MM WS		1000	**2007140000**	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
	WS-A 8/8 MM WS		500	**2448930000**	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**

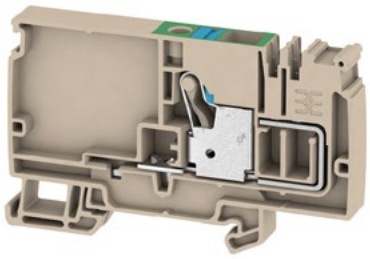
For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP12 10 LO	AAP12 10 FE
	10 mm²	10 mm²
Width/Height/Depth mm	10 x 89 x 53.5	10 x 89 x 53.5
max. current / max. cond. cross-section A/mm²	57 / 16	57 / 16
Max. clamping range mm²	0.5...16	0.5...16





Technical data

Rated data	AAP12 10 LO	AAP12 10 FE
Rated voltage of feed-through terminal V	800	800
Rated current A	57	57
for wire cross-section mm²	10	10
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A6 / V-0
Approvals		

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
57			
10	AWG 20...6	AWG 20...6	

Clamped conductors	AAP12 10 LO	AAP12 10 FE
Solid / Stranded mm²	0.5...10 / 0.5...16	0.5...10 / 0.5...16
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher	AAP12 10 LO RD	20	1988190000
beige / blue pusher	AAP12 10 LO BL	20	1988180000
beige / orange pusher	AAP12 10 LO OR	20	2503900000
beige / white pusher	AAP12 10 LO WT	20	2683450000
green-yellow / orange pusher			
blue / orange pusher	AAP12 10 LO BL/OR	20	2522860000
green / orange pusher	AAP12 10 LO GN/OR	20	2619410000

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000

Note

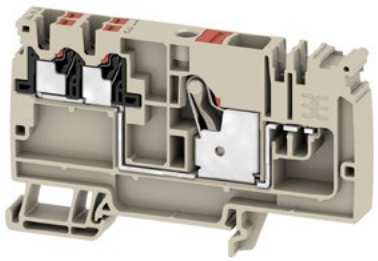
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	2108470000
10-pole / red	ZQV 2.5N/10 RD	24 A	20	2108910000
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	1527740000
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	1527880000
End plate / Partition plate				
	AEP AP12		20	1988300000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

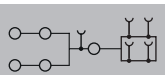
Type		Qty.	Order No.
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP12 10/4X2.5 10 LO-LI — 10 mm²



10 x 89 x 53.5
57 / 16
0.5...16



IEC 60947-7-1

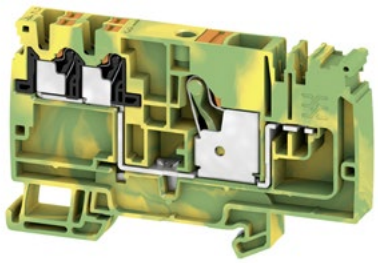
IEC	UL	CSA	EN 60079-7
800	600	600	
57	55	55	
10	AWG 28...6	AWG 28...6	
	8 kV / 3		
	A6 / V-0		

Rated connection
0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

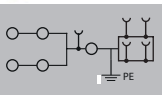
Type	Qty.	Order No.
AAP12 10/4X2.5 LO-LI RD	20	2464730000
AAP12 10/4X2.5 LO-LI BL	20	2464720000
AAP12 10/4X2.5 LO-LI OR	20	2503890000
AAP12 10/4X2.5 LO-LI WT	20	2712970000
AAP12 10/4X2.5 LO-LI BL/OR	20	2522850000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP12 10/4X2.5 PE-LI — 10 mm²



10 x 89 x 53.5
57 / 16
0.5...16



IEC 60947-7-2

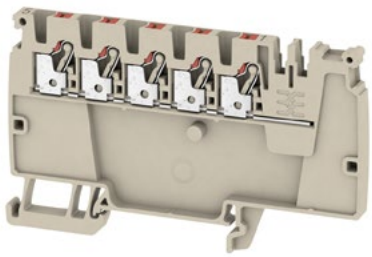
IEC	UL	CSA	EN 60079-7
800	600		
57			
10	AWG 28...8	AWG 28...8	
	8 kV / 3		
	A6 / V-0		

Rated connection
0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

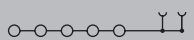
Type	Qty.	Order No.
AAP12 10/4X2.5 PE-LI	20	2464710000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP12 2.5 LI — 2.5 mm²



5.1 x 89 x 53.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

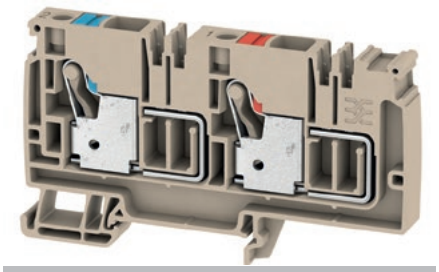
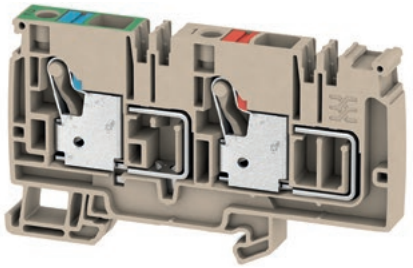
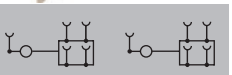
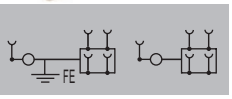
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP12 2.5 LI RD	50	1988290000
AAP12 2.5 LI BL	50	1988100000
AAP12 2.5 LI OR	50	2503880000
AAP12 2.5 LI WT	50	2683460000
AAP12 2.5 LI BL/OR	50	2522840000
AAP12 2.5 LI GN/OR	50	2614110000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
DEK 5/5 MM WS		800	2007110000

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP14 10 LO-LO	AAP14 10 FE-LO
	10 mm²	10 mm²
		
Width/Height/Depth mm	10 x 94 x 53.5	10 x 94 x 53.5
max. current / max. cond. cross-section A/mm²	57 / 16	57 / 16
Max. clamping range mm²	0.5...16	0.5...16
		

Technical data

	AAP14 10 LO-LO	AAP14 10 FE-LO
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage of feed-through terminal V	500 / 150 / 150	500 / 150 / 300
Rated current A	57 / 51 / 51	57 / 51 / 51
for wire cross-section mm²	10 / AWG 20...6 / AWG 20...6	10 / AWG 20...6 / AWG 20...6
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A6 / V-0
Approvals		
Clamped conductors		
Solid / Stranded mm²	0.5...10 / 0.5...16	0.5...10 / 0.5...16
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
beige / red and blue pusher	AAP14 10 LO-LO	20	1988250000
Note			

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000

Accessories

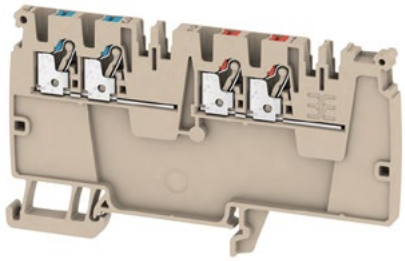
Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	2108470000
10-pole / red	ZQV 2.5N/10 RD	24 A	20	2108910000
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	1527740000
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	1527880000
End plate / Partition plate				
	AEP AP14		20	1988340000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP14		20	1988340000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP14 2.5 LI-LI

2.5 mm²



5.1 x 94 x 53.5
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

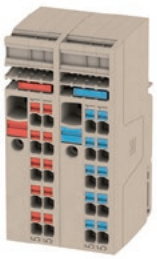
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP14 2.5 LI-LI	50	**1988230000**

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	**2108470000**
ZQV 2.5N/10 RD	24 A	20	**2108910000**
ZQV 2.5N/2 BL	24 A	60	**1527740000**
ZQV 2.5N/10 BL	24 A	20	**1527880000**
AEP AP14		20	**1988340000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
DEK 5/5 MM WS		800	**2007110000**

AAP – potential distribution terminal blocks

SET AAP12 10/2.5/10C | **10 mm²**



Width/Height/Depth	mm	45.2 x 89 x 53.5
max. current / max. cond. cross-section	A/mm²	**48 / 16**
Max. clamping range	mm²	**0.5...16**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800			
Rated current A	48			
for wire cross-section mm²	10			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Approvals	CE UKCA			
Clamped conductors				
Solid / Stranded mm²	0.5...10 / 0.5...16			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10			
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
	SET AAP12 10/2.5/10C	1	**2506350000**

Note

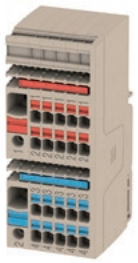
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Tools				
Tester	ZUB MULTIMETER		1	**9205270000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

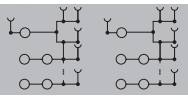
For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

SET AAP14 10/2.5/10C | **10 mm²**



Width/Height/Depth	mm	36.5 x 89 x 53.5
max. current / max. cond. cross-section	A/mm²	**57 / 16**
Max. clamping range	mm²	**0.5...16**



Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500			
Rated current A	57			
for wire cross-section mm²	10			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Approvals	CE UK CA			
Clamped conductors				
Solid / Stranded mm²	0.5...10 / 0.5...16			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10			
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
	SET AAP14 10/2.5/10C	1	**2506360000**

Note

Accessories

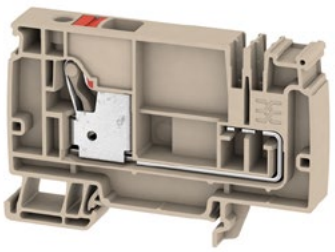
Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Tools				
Tester	ZUB MULTIMETER		1	**9205270000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

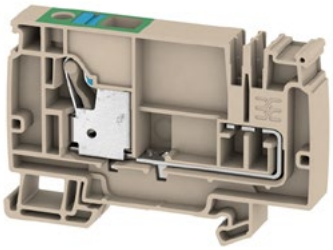
For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP21 10 LO	AAP21 10 FE
	10 mm²	10 mm²
Width/Height/Depth mm	12 x 82 x 53.5	12 x 82 x 53.5
max. current / max. cond. cross-section A/mm²	57 / 16	57 / 16
Max. clamping range mm²	0.5...16	0.5...16





Technical data

	AAP21 10 LO	AAP21 10 FE
Rated data		
Rated voltage V	250	250
Rated current A	57	57
for wire cross-section mm²	10	10
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
UL 94 flammability rating	V-0	V-0
Approvals	TUEV17ATEX8063U	TUEV17ATEX8063U
Clamped conductors		
Solid / Stranded mm²	0.5...10 / 0.5...16	0.5...10 / 0.5...16
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length	18 mm	18 mm
Blade size	1.0 x 5.5 mm	1.0 x 5.5 mm
Note		

	AAP21 10 LO	AAP21 10 FE
In accordance with IEC 60947-7-1 / -7-2	Ex ec II C Gc II 2 G D	Ex ec II C Gc II 2 G D
IEC	250	250
UL	600 (C)	600 (C)
CSA	600 (C)	600 (C)
EN 60079-7	57	57
	10	10
	AWG 20...6	AWG 20...6
	AWG 20...6	AWG 20...6
	10	10 mm²

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher	AAP21 10 LO RD	20	2428910000
beige / blue pusher	AAP21 10 LO BL	20	2428940000
beige / orange pusher	AAP21 10 LO OR	20	2581690000
blue / orange pusher			
Note			

Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

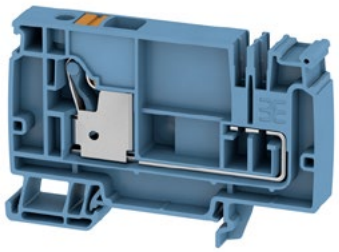
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 4N/2 RD	32 A	60	2460450000
10-pole / red	ZQV 4N/10 RD	32 A	20	2460740000
2-pole / blue	ZQV 4N/2 BL	32 A	60	1528040000
10-pole/ blue	ZQV 4N/10 BL	32 A	20	1528230000
End plate / Partition plate				
	AEP AP21		20	2429020000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
dark beige				
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

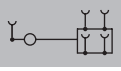
Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP21 10 LO — 10 mm²



12 x 82 x 53.5
57 / 16
0.5...16



In accordance with IEC 60947-7-1 — Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	57
10	AWG 20...6	AWG 20...6	10
4 kV / 3			
V-0			

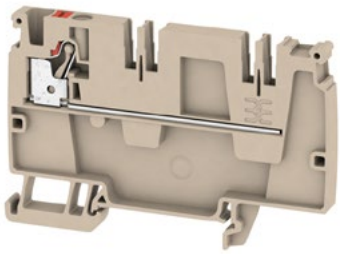
TUEV17ATEX8063U

Rated connection
0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 mm
1.0 x 5.5 mm

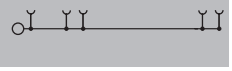
Type	Qty.	Order No.
AAP21 10 LO BL/OR	20	2581800000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP21 4 LI — 4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1 — Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm²
4 kV / 3			
V-0			

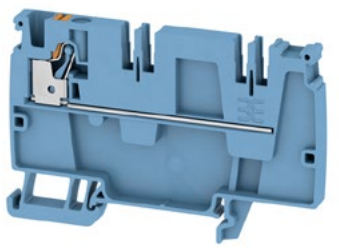
TUEV17ATEX8063U

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 mm
0.6 x 3.5 mm

Type	Qty.	Order No.
AAP21 4 LI RD	50	2428930000
AAP21 4 LI BL	50	2428960000
AAP21 4 LI OR	50	2581700000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
WS 8/6 MM WS		600	2007160000

AAP21 4 LI — 4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4

In accordance with IEC 60947-7-1 — Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm²
4 kV / 3			
V-0			

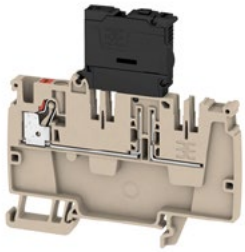
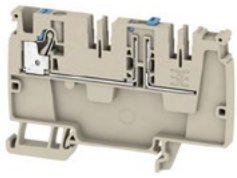
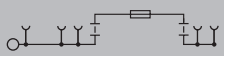
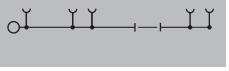
TUEV17ATEX8063U

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 mm
0.6 x 3.5 mm

Type	Qty.	Order No.
AAP21 4 LI BL/OR	50	2582530000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
WS 8/6 MM WS		600	2007160000

AAP – potential distribution terminal blocks

	AAP21 4 FS	4 mm²	AAP21 4 DT	4 mm²
				
Width/Height/Depth mm	6.1 x 82 x 82		6.1 x 82 x 55	
max. current / max. cond. cross-section A/mm²	**6.3 / 4**		**20 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

Rated data				
Rated voltage V	In accordance with IEC 60947-7-3		Ex ec II C Gc II 2 G D	In accordance with IEC 60947-7-1
Rated current A	500	150 (C)		250
for wire cross-section mm²	6.3	10		20
Rated impulse withstand voltage / Pollution severity	4	AWG 26...10		4
UL 94 flammability rating		4 kV / 3		
Approvals		V-0		
	IEC	UL	CSA	EN 60079-7
	500	150 (C)		
	6.3	10		6.3
	4	AWG 26...10		4 mm²
		4 kV / 3		
		V-0		
	TUEV17ATEX8064U			
Clamped conductors				
Solid / Stranded mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length	12 mm			
Blade size	0.6 x 3.5 mm			
Note				

	IEC	UL	CSA	EN 60079-7
	250	150 (C)	150 (C)	
	20	20	20	19
	4	AWG 26...10	AWG 26...10	4 mm²
		4 kV / 3		
		V-0		
	TUEV16ATEX7939U			
Rated connection				
	0.5...4 / 0.5...4			
	0.5...4 / 0.5...4			
	12 mm			
	0.6 x 3.5 mm			

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher, 250 V AC/DC, without LED	AAP21 4 FS	50	**2428950000**
beige / red pusher, 10-36 V AC/DC, with LED	AAP21 4 FS 10-36V	50	**2458990000**
beige / red pusher, 30-70 V AC/DC, with LED	AAP21 4 FS 30-70V	50	**2460200000**
beige / red pusher, 60-150 V AC/DC, with LED	AAP21 4 FS 60-150V	50	**2460190000**
beige / red pusher, 100-250 V AC/DC, with LED	AAP21 4 FS 100-250V	50	**2460180000**
beige / orange pusher, 250 V AC/DC, without LED	AAP21 4 FS OR	50	**2581720000**
beige / orange pusher, 100-250 V AC/DC, with LED	AAP21 4 FS 100-250V OR	50	**2581790000**
beige / blue pusher			
beige / orange pusher			
blue / orange pusher			
Note			

Type	Qty.	Order No.
AAP21 4 DT	50	**2428980000**
AAP21 4 DT OR	50	**2581710000**
AAP21 4 DT BL/OR	50	**2582520000**

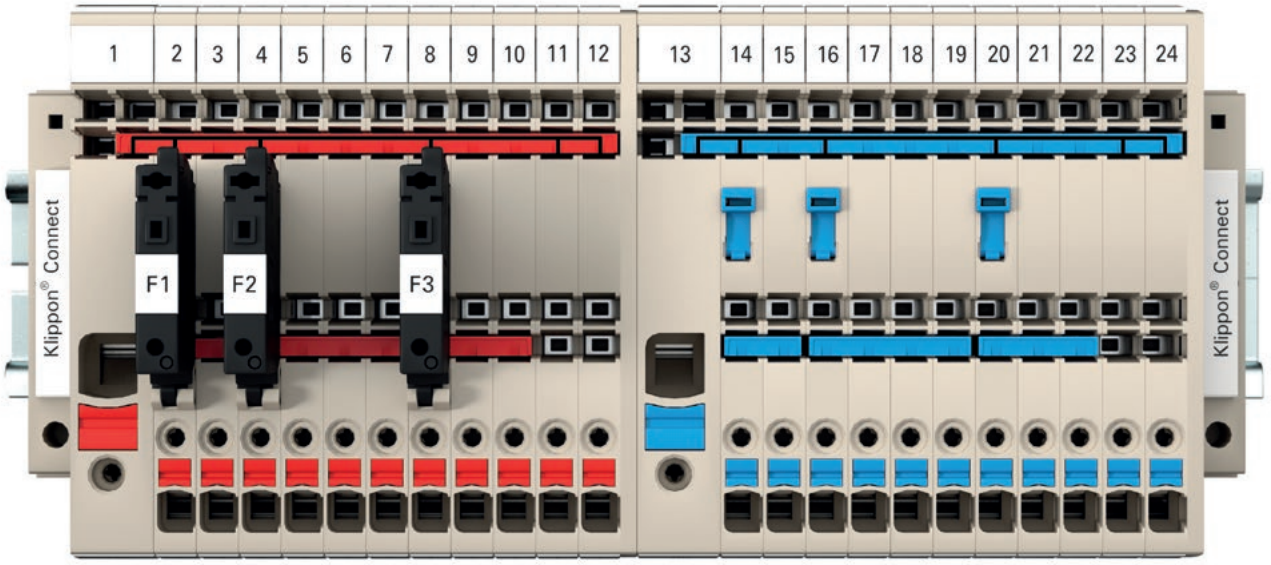
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 4N/2 RD	32 A	60	**2460450000**
10-pole / red	ZQV 4N/10 RD	32 A	20	**2460740000**
2-pole / blue				
10-pole/ blue				
End plate / Partition plate				
	AEP AP21		20	**2429020000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
ZQV 4N/2 BL	32 A	60	**1528040000**
ZQV 4N/10 BL	32 A	20	**1528230000**
AEP AP21		20	**2429020000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SDIL 0,6X3,5X100		1	**2749140000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

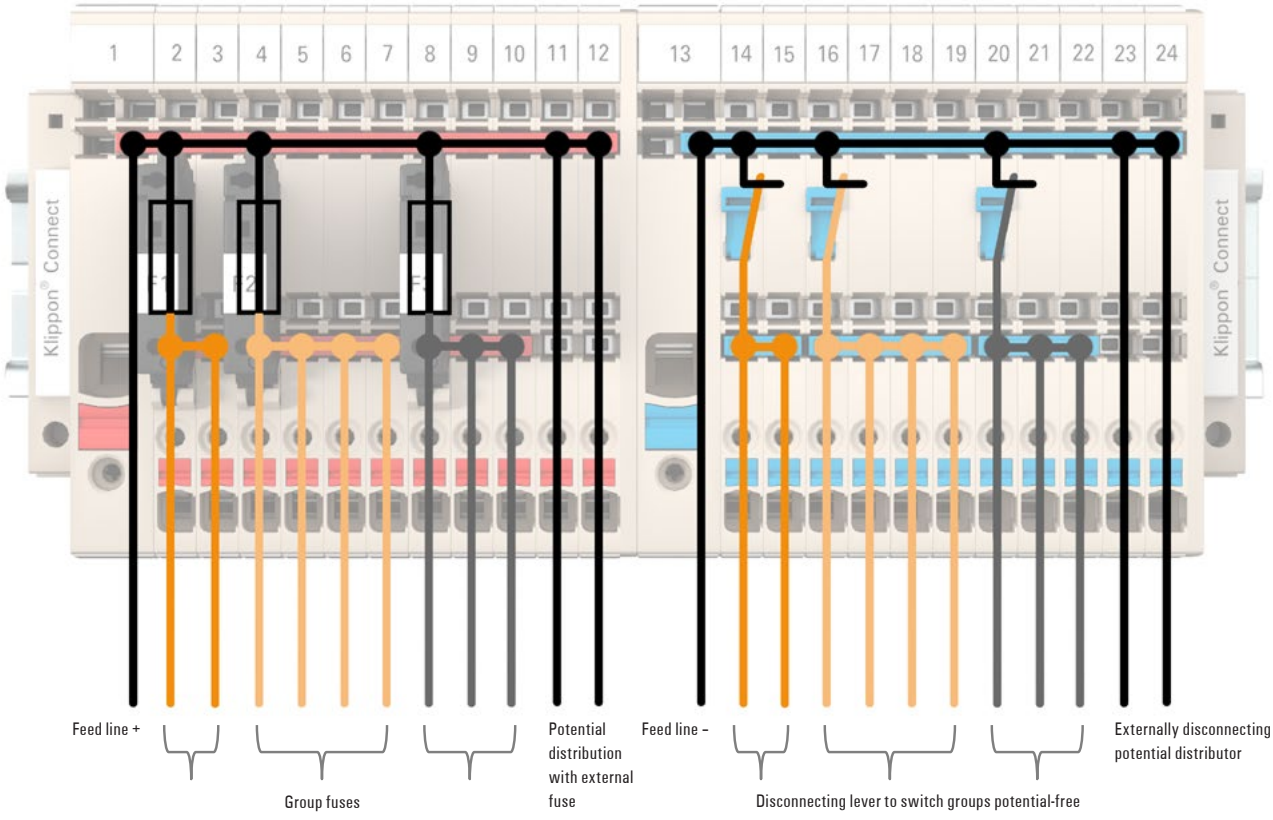
Clear, compact construction of control voltage distribution

Example configuration of potential distribution terminal block with fusing



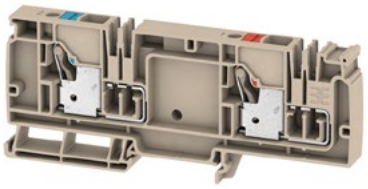
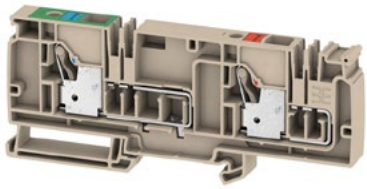
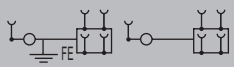
- Group fusing through breakaway of individual poles in the cross-connections
- Groups can be switched potential-free via a disconnector
- Direct potential distribution possible without fusing within the structure

Schematic representation of circuit diagram



AAP - potential distribution terminal blocks

Potential distribution with integrated fusing

	AAP22 10 LO-LO	AAP22 10 FE-LO
	10 mm²	10 mm²
		
Width/Height/Depth mm	12 x 129 x 53.5	12 x 129 x 53.5
max. current / max. cond. cross-section A/mm²	**57 / 16**	**17 / 16**
Max. clamping range mm²	**0.5...16**	**0.5...16** 

Technical data

	AAP22 10 LO-LO	AAP22 10 FE-LO
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated voltage V	IEC: 250 / UL: 150 / CSA: 150 / EN 60079-7	IEC: 250 / UL: 150 / CSA: 150
Rated current A	57 / 51 / 51	57 / 51 / 51
for wire cross-section mm²	10 / AWG 20...6 / AWG 20...6	10 / AWG 20...6 / AWG 20...6
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A6 / V-0
Number of operating cycles		
Approvals		
Clamped conductors		
Solid / Stranded mm²	0.5...10 / 0.5...16	0.5...10 / 0.5...16
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
beige / red and blue pusher	AAP22 10 LO-LO	20	**2428990000**
	AAP22 10 FE-LO	20	**2429000000**

Note

Accessories

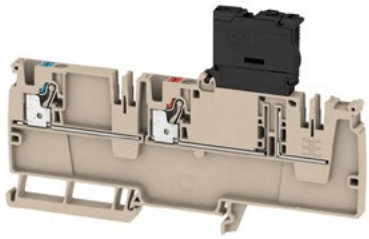
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 4N/2 RD	32 A	60	**2460450000**
10-pole / red	ZQV 4N/10 RD	32 A	20	**2460740000**
2-pole / blue	ZQV 4N/2 BL	32 A	60	**1528040000**
10-pole/ blue	ZQV 4N/10 BL	32 A	20	**1528230000**
End plate / Partition plate				
	AEP AP22		20	**2429040000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	**2460450000**
ZQV 4N/10 RD	32 A	20	**2460740000**
ZQV 4N/2 BL	32 A	60	**1528040000**
ZQV 4N/10 BL	32 A	20	**1528230000**
AEP AP22		20	**2429040000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

AAP - potential distribution terminal blocks

AAP22 4 LI-FS | **4 mm²**



Width/Height/Depth	mm	6.1 x 129 x 82
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.14...4**

In accordance with IEC 60947-7-1, Ex ec II C Gc II
In accordance with IEC 60947-7-3 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (D)		
Rated current A	6.3	10		6.3
for wire cross-section mm²	4	AWG 26...10		4 mm²
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				TUEV17ATEX8064U
Clamped conductors	**Rated connection**			
Solid / Stranded mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length	12 mm			
Blade size	0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
250 V AC/DC, without LED	AAP22 4 LI-FS	50	**2429010000**
10–36 V AC/DC, with LED	AAP22 4 LI-FS 10-36V	50	**2459010000**
30–70 V AC/DC, with LED	AAP22 4 LI-FS 30-70V	50	**2460140000**
60–150 V AC/DC, with LED	AAP22 4 LI-FS 60-150V	50	**2460130000**
100 – 250 V AC/DC, with LED	AAP22 4 LI-FS 100-250V	50	**2460120000**

Note

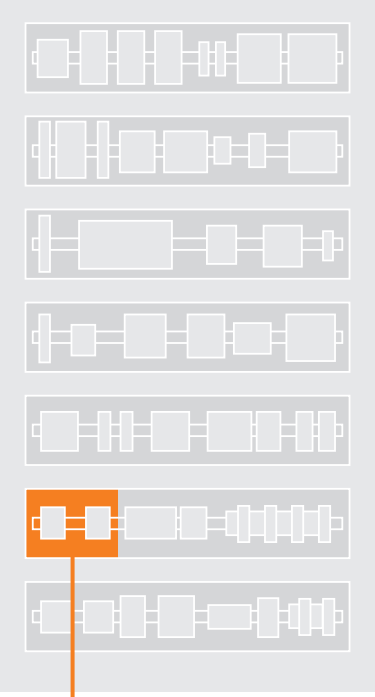
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole / blue	ZQV 4N/2 BL	32 A	60	**1528040000**
10-pole/ blue	ZQV 4N/10 BL	32 A	20	**1528230000**
2-pole/ red	ZQV 4N/2 RD	32 A	60	**2460450000**
10-pole / red	ZQV 4N/10 RD	32 A	20	**2460740000**
End plate / Partition plate				
	AEP AP22		20	**2429040000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest spaces



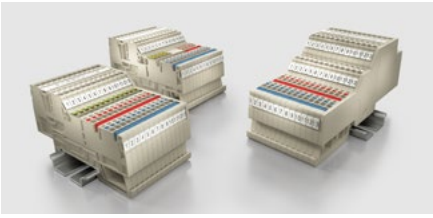
With the current levels of automation, there are more and more sensors monitoring the production process. This increases the number of signals to be combined and structured. Given the restricted space in the panel, this can become a real challenge. Our application-specific initiator/actuator terminal blocks (AIO) are specially designed for the signal wiring requirements posed by automation now and into the future. You can benefit from tailored, really compact solutions for the structured wiring of initiator and actuator signals with the input and output modules of a programmable logic controller (PLC).

Our promise

With tailored application products, Klippon® Connect offers all the benefits required for structured wiring of initiator and actuator signals. The simple handling and the maximum flexibility in the choice of design meets the requirements for reliable signal wiring simply, efficiently and safely.

Our range

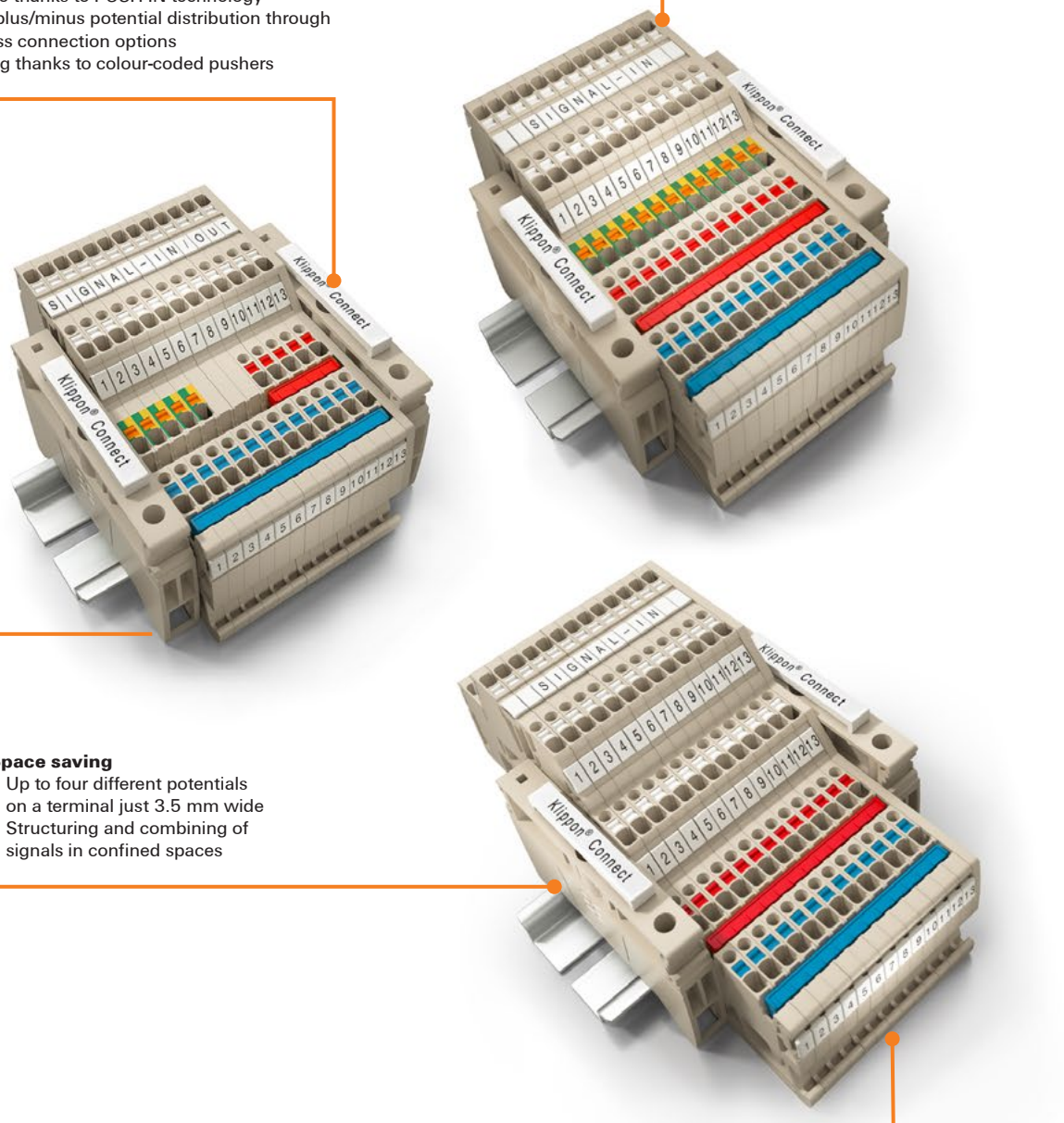
Extreme flexibility in potential distribution:
With our application products, you can achieve effective and safe potential distribution while looping the signals to the I/O system. You can benefit from increased wiring density with more potentials on a single terminal block. This not only saves space, but also reduces the time required to assemble the terminal block.



Free choice of design:
Our application products for signal wiring (AIO) are available in three designs. Depending on the design, you can connect 3- or 4-wire sensors or actuators. The large number of variants, e.g. with built-in PE function, allows maximum flexibility when it comes to designing the signal feed.

Flexibility
- Maximum clarity thanks to wide variety of labelling options
- User and service-friendly thanks to clear design
- A wide assortment of variants in three designs

Time saving
- Simple to use thanks to PUSH IN technology
- Convenient plus/minus potential distribution through range of cross connection options
- Simple wiring thanks to colour-coded pushers

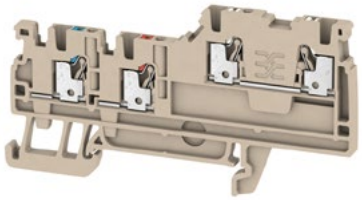


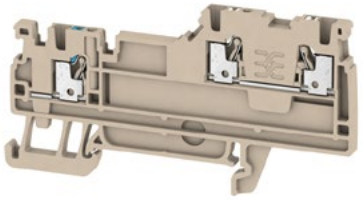
Space saving
- Up to four different potentials on a terminal just 3.5 mm wide
- Structuring and combining of signals in confined spaces

Safety
- Test options on every terminal
- Vibration-resistant and gas-tight connections
- Top-level safety for machines and systems

AIO – sensor-actuator terminal blocks

	AIO21 1.5 SI	AIO21 1.5 SO
	1.5 mm²	1.5 mm²





Width/Height/Depth	3.5 x 80 x 42	3.5 x 80 x 42
max. current / max. cond. cross-section	13.5 / 1.5	13.5 / 1.5
Max. clamping range	0.14...1.5	0.14...1.5

Technical data

	AIO21 1.5 SI	AIO21 1.5 SO
Rated data		
Rated voltage	250 V	250 V
Rated current	13.5 A	13.5 A
for wire cross-section	1.5 mm²	1.5 mm²
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A1 / V-0
Approvals	Ex eb II C Gb II 2 G D In accordance with IEC 60947-7-1	Ex eb II C Gb II 2 G D In accordance with IEC 60947-7-1
Clamped conductors		
Solid / Stranded	0.5...1.5 / 0.5...1.5 mm²	0.5...1.5 / 0.5...1.5 mm²
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1 mm²	0.5...1.5 / 0.5...1 mm²
Stripping length / Blade size	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm

Approvals	IEC	UL	CSA	EN 60079-7
AIO21 1.5 SI	250	150	150	220
AIO21 1.5 SO	250	150	150	220
AIO21 1.5 SI	13.5	13	13	12
AIO21 1.5 SO	13.5	13	13	12
AIO21 1.5 SI	1.5	AWG 26...14	AWG 26...14	1.5 mm²
AIO21 1.5 SO	1.5	AWG 26...14	AWG 26...14	1.5 mm²

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	AIO21 1.5 SI	100	1992260000
Orange	AIO21 1.5 SI OR	100	2579610000

Version	Type	Qty.	Order No.
dark beige	AIO21 1.5 SO	100	1992240000
Orange	AIO21 1.5 SO OR	100	2579570000

Note

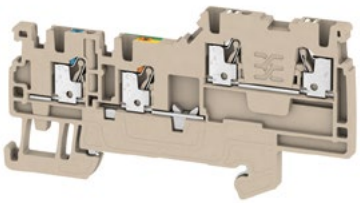
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate				
	AEP IO21		50	1993580000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags				
	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

Plug-in cross-connection	Type		Qty.	Order No.
	ZQV 1.5N/2 BL	17.5 A	60	1985530000
	ZQV 1.5N/10 BL	17.5 A	20	1985680000
	AEP IO21		50	1993580000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 1.5 MI-R	0.2 A	50	1991880000
	PS 2.0 MC		20	0310000000
	SDS 0.4X2.0X60		1	2749260000
	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and application in the online catalogue

AIO21 1.5 SO-PE — 1.5 mm²



3.5 x 80 x 42
13.5 / 1.5
0.14...1.5

In accordance with IEC 60947-7-1

Ex eb II C GbII 2 G D

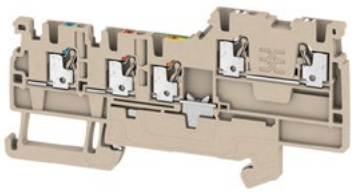
IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AIO21 1.5 SO-PE	100	1992250000
AIO21 1.5 SO-PE OR	100	2579580000

Type		Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO21		50	1993580000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AIO22 1.5 SI-PE — 1.5 mm²



3.5 x 89 x 45
13.5 / 1.5
0.14...1.5

In accordance with IEC 60947-7-1

Ex eb II C GbII 2 G D

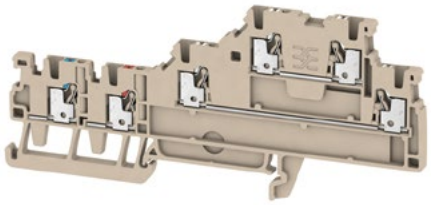
IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AIO22 1.5 SI-PE	100	1992230000
AIO22 1.5 SI-PE OR	100	2579640000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO22		50	1993590000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AIO23 1.5 2SI — 1.5 mm²



3.5 x 110 x 49.5
13.5 / 1.5
0.14...1.5

In accordance with IEC 60947-7-1

Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AIO23 1.5 2SI	100	1992220000
AIO23 1.5 2SI OR	100	2579620000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO23		50	1993600000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

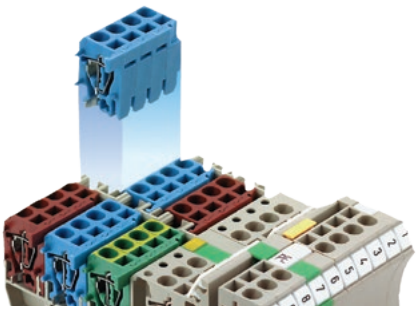
A modular distribution system with proven tension-clamp connections

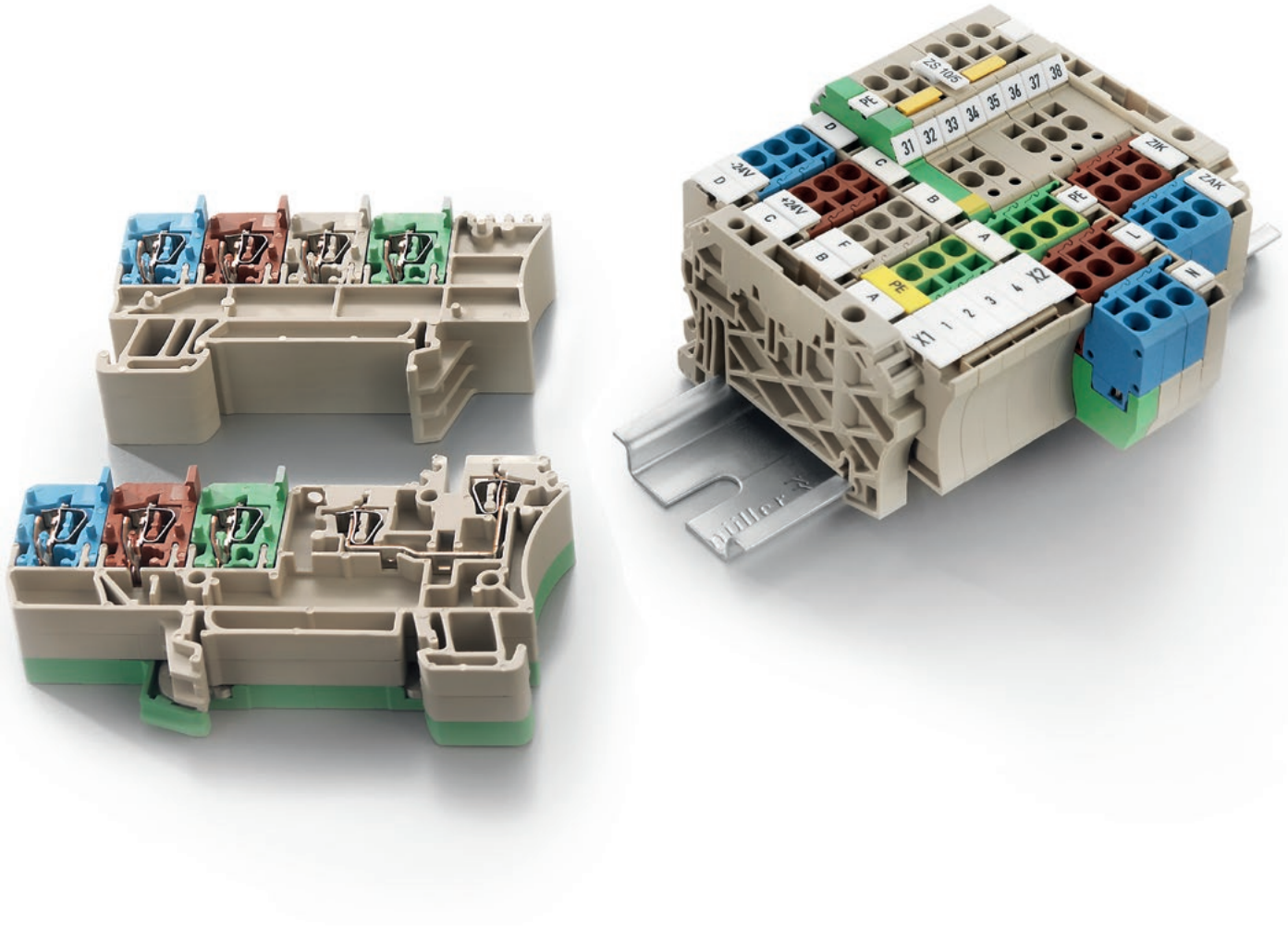
Distribution terminal bars from stackable single modules, consisting of carrier and base elements

The basis for this modular system is the side-by-side mounting of the individual modules of the distribution terminals with their integral cross-connection. The female contact is on one side, the male contact on the other. Thanks to the modular thin-element design, variable distribution strips can be set up to suit the application. The base elements, which are clipped onto TS 35 terminal rails, form the supports for these module combinations. These base elements are available in a number of different versions:

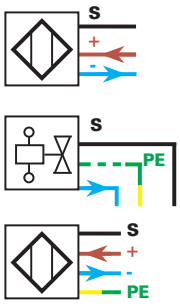
- Carrier elements with and without signal lines for 3- and 4-wire connections
- Modular construction which enables individual configuration

Simple operation
The distribution terminals with integrated cross-connections can be joined together and be snapped into the base elements by hand.

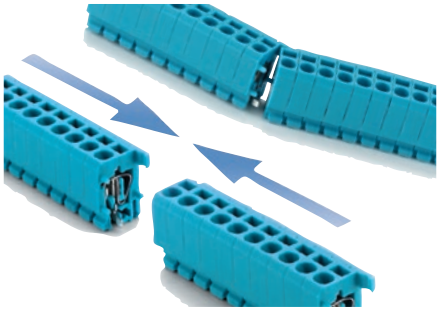




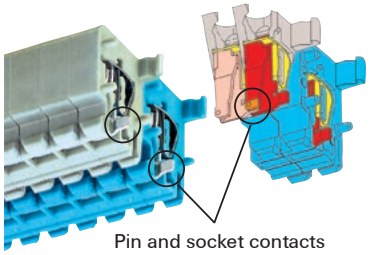
For initiators and actuators
The modular distribution strip system is a convenient way to supply initiators and actuators with three- or four-wire power connections.



Modular system
Variable number of poles available on account of their simple connection or seperation capabilities.



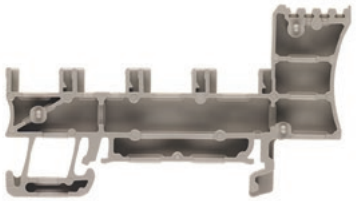
Integrated cross-connection
Potential distribution with integrated cross-connections of the male and female contacts.



Pin and socket contacts

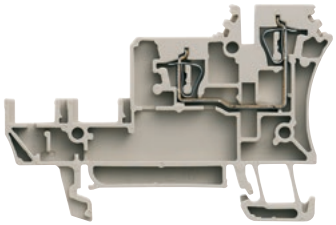
ZPV 1.5 — 1.5 mm²

Flange-mounted housing

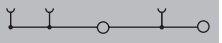


ZIA 1.5/3 L... — 1.5 mm²

Base element 4-wire



Width/Height/Depth	mm	5.1 x 67.8 x 38.35	5.08 x 68.5 x 45.5
max. current / max. cond. cross-section	A/-	**17.5 /**	**17.5 / 2.5**
Max. clamping range	-		**0.13...2.5**



Technical data

		ZPV 1.5	ZIA 1.5/3 L...
Rated data		IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated voltage	V	250	250
Max. voltage of clamp support & pluggable system	-		
Rated current	A	17.5	17.5
for wire cross-section	mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors			
Solid / Stranded	-	1.5	0.5...2.5 / 0.5...1.5
Flexible / Flexible with ferrule	-	...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	7 /	7 / 0.6 x 3.5 mm
Note			Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

ZPV 1.5				ZIA 1.5/3 L...			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
	4 kV / 3				4 kV / 3		
	/ V-0				A1 / V-0		

Ordering data

Version	ZPV 1.5 Type	Qty.	Order No.	ZIA 1.5/3 L... Type	Qty.	Order No.
Base terminal	ZPV 1.5	100	1676630000	ZIA 1.5/3L-1S	100	1651980000
Base terminal with LED				ZIA 1.5/3L-1S/LD-RT	50	1651990000
PE base terminal				ZIA 1.5/3L-PE	20	1652000000
Note						

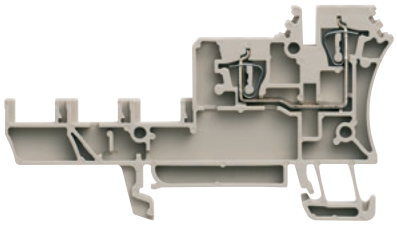
Accessories

	ZPV 1.5 Type	Qty.	Order No.	ZIA 1.5/3 L... Type	Qty.	Order No.
Plug-in cross-connection						
2-pole				ZQV 2.5/2 24 A	60	1608860000
3-pole				ZQV 2.5/3 24 A	60	1608870000
4-pole				ZQV 2.5/4 24 A	60	1608880000
10-pole				ZQV 2.5/10 24 A	20	1608940000
50-pole				ZQV 2.5/50 24 A	10	1697540000
Reducing sleeves						
for conductors < 0.5 mm² / AWG 20				ZRH 1.5N/1	1000	1632140000
for conductors < 1.0 mm² / AWG 18				ZRH 1.5N/2	1000	1632130000
End plate / Partition plate						
dark beige	ZAP/TW ZPV1.5	50	1674650000	ZAP/TW ZIA1.5/3L	50	1649540000
With spigot						
Without peg						
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000	SDIS SLIM 0.6X3.5X100	1	2749610000
Marking tags						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/5 MC NE WS	720	1609860000			

For detailed information on other accessories and application in the online catalogue

ZIA 1.5/4 L... — 1.5 mm²

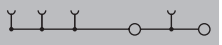
Base element 4-wire



ZVL 1.5 — 1.5 mm²

Distribution strip

Width/Height/Depth	mm	5.08 x 81.5 x 45.5	5.08 x 12.9 x 17.45
max. current / max. cond. cross-section	A/mm²	**17.5 / 2.5**	**/ 2.5**
Max. clamping range	mm²	**0.13...2.5**	**0.13...2.5**



Technical data

Rated data		ZIA 1.5/4 L...	ZVL 1.5
Rated voltage	V	250	250
Max. voltage of clamp support & pluggable system	-		
Rated current	A	17.5	17.5
for wire cross-section	mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0	A2 / V-0
Approvals			
Clamped conductors			
Solid / Stranded	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm
Note		Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)	

In accordance with IEC 60947-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	

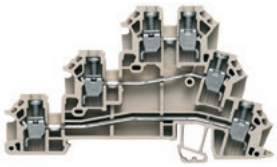
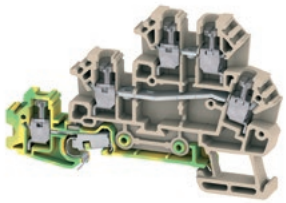
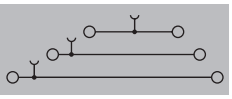
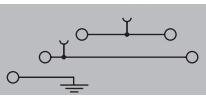
Ordering data

Version	ZIA 1.5/4 L... Type	Qty.	Order No.	ZVL 1.5 Type	Qty.	Order No.
dark beige				ZVL 1.5	100	**1649300000**
dark beige				ZVL 1.5 0.QV	100	**1711930000**
Blue				ZVL 1.5 BL	100	**1650360000**
Green/yellow				ZVL 1.5/PE GN/GE BED	100	**1651970000**
Base terminal	ZIA 1.5/4L-1S	100	**1652010000**			
Base terminal with LED	ZIA 1.5/4L-1S/LD	50	**1652020000**			
PE base terminal	ZIA 1.5/4L-PE	20	**1652030000**			
Brown				ZVL 1.5 BR	100	**1650370000**
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**			
3-pole	ZQV 2.5/3	24 A	60	**1608870000**			
4-pole	ZQV 2.5/4	24 A	60	**1608880000**			
10-pole	ZQV 2.5/10	24 A	20	**1608940000**			
50-pole	ZQV 2.5/50	24 A	10	**1697540000**			
Reducing sleeves							
for conductors < 1.0 mm² / AWG 18	ZRH 1.5N/2		1000	**1632130000**	ZRH 1.5N/2	1000	**1632130000**
for conductors < 0.5 mm² / AWG 20	ZRH 1.5N/1		1000	**1632140000**	ZRH 1.5N/1	1000	**1632140000**
End plate / Partition plate							
dark beige	ZAP/TW ZIA1.5/4L		50	**1649550000**			
Without peg					BZT ZVL1.5/0.ZA	100	**1676620000**
With spigot					BZT ZVL1.5	100	**1676610000**
Screwdriver							
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Marking tags							
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	DLD 2.5	DLD 2.5 PE
	2.5 mm²	2.5 mm²
	Voltage supply	Lower level earthed
		
Width/Height/Depth mm	6.2 x 82.5 x 48.5	6.1 x 74.5 x 48.5
max. current / max. cond. cross-section A/mm²	24 / 4	17.5 / 4
Max. clamping range mm²	0.13...4	0.13...4
		

Technical data

Rated data					
Rated voltage	V	IEC 60947-7-1			
Rated current	A	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	250	300	300	
Rated impulse withstand voltage / Pollution severity		24	10	10	
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 26...12	AWG 26...12	
Approvals			4 kV / 3		
			A3 / V-0		
		CE cULus UKCA			
Electronic fixtures					
Component voltage / Component current	-/-				
Operating voltage for display, max. / Current	-/-				
Clamped conductors					
Solid / Stranded	mm²	**Rated connection**			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.5...4			
Stripping length / Blade size	mm/-	0.4...0.6 / (M 2.5)			
		7 / 0.6 x 3.5 mm			
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			

Rated data					
Rated voltage	V	IEC 60947-7-1			
Rated current	A	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	250	300		
Rated impulse withstand voltage / Pollution severity		17.5	10	10	
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 26...12	AWG 26...12	
Approvals			4 kV / 3		
			A3 / V-0		
		CE cULus UKCA			
Electronic fixtures					
Component voltage / Component current	-/-				
Operating voltage for display, max. / Current	-/-				
Clamped conductors					
Solid / Stranded	mm²	**Rated connection**			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.5...4			
Stripping length / Blade size	mm/-	0.4...0.6 / (M 2.5)			
		7 / 0.6 x 3.5 mm			
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			

Ordering data

Version		Type	Qty.	Order No.
	dark beige	DLD 2.5 DB	50	1784180000
	dark beige (red LED)			
	dark beige (green LED)			
Note				

Version		Type	Qty.	Order No.
	dark beige	DLD 2.5/PE DB	50	1783790000
	dark beige (red LED)			
	dark beige (green LED)			
Note				

Accessories

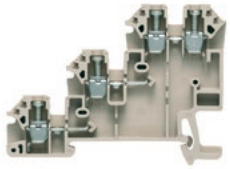
Screwable cross-connection		Type		Qty.	Order No.
	2-pole	Q 2 DLI	24 A	50	1312500000
	3-pole	Q 3 DLI	24 A	50	1312600000
	4-pole	Q 4 DLI	24 A	50	1312700000
	10-pole	Q 10 DLI	24 A	20	1313100000
Cross-connector					
	black	VQB 1.5/50 SW	17.5 A	5	1635120000
	red	VQB 1.5/50 RT	17.5 A	5	1633290000
	blue	VQB 1.5/50 BL	17.5 A	5	1633280000
End plate / Partition plate					
	dark beige	AP DLI2.5 DB		20	1783550000
End bracket					
	dark beige	EW 35		50	0383560000
Screwdriver					
	Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Small partition					
	Small partition	TSCH 1		100	0319160000
Marking tags					
		DEK 5/6 MC NE WS		1000	1609820000

Screwable cross-connection		Type		Qty.	Order No.
	2-pole	Q 2 DLI	24 A	50	1312500000
	3-pole	Q 3 DLI	24 A	50	1312600000
	4-pole	Q 4 DLI	24 A	50	1312700000
	10-pole	Q 10 DLI	24 A	20	1313100000
Cross-connector					
	black	VQB 1.5/50 SW	17.5 A	5	1635120000
	red	VQB 1.5/50 RT	17.5 A	5	1633290000
	blue	VQB 1.5/50 BL	17.5 A	5	1633280000
End plate / Partition plate					
	dark beige	AP DLD2.5/PE DB		20	1783800000
End bracket					
	dark beige	EW 35		50	0383560000
Screwdriver					
	Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Small partition					
	Small partition	TSCH 1		100	0319160000
Marking tags					
		DEK 5/6 MC NE WS		1000	1609820000

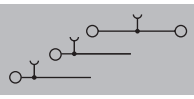
For detailed information on other accessories and application in the online catalogue	TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)	TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

DLI 2.5 — 2.5 mm²

Initiator connection (signal,+,-)



6.1 x 66 x 48.5
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

CE cULus UKCA

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

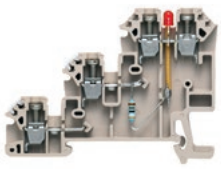
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

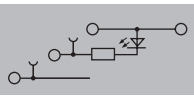
Type		Qty.	Order No.
Q 2 DLI	24 A	50	1312500000
Q 3 DLI	24 A	50	1312600000
Q 4 DLI	24 A	50	1312700000
Q 10 DLI	24 A	20	1313100000
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 RT	17.5 A	5	1633290000
VQB 1.5/50 BL	17.5 A	5	1633280000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		1	2749340000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLI 2.5 LD PNP — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

CE cULus UKCA

30 / 5

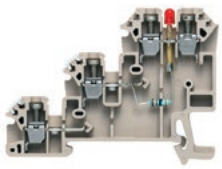
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	50	1783980000
DLI 2.5/LD-GN/PNP +- DB	50	1783970000

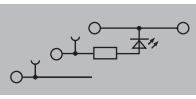
Type		Qty.	Order No.
Q 2 DLI	24 A	50	1312500000
Q 3 DLI	24 A	50	1312600000
Q 4 DLI	24 A	50	1312700000
Q 10 DLI	24 A	20	1313100000
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 RT	17.5 A	5	1633290000
VQB 1.5/50 BL	17.5 A	5	1633280000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		1	2749340000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLI 2.5 LD NPN — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

CE cULus UKCA

30 / 5

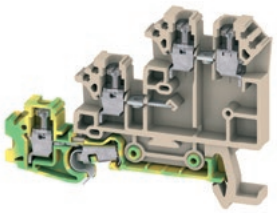
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN -+ DB	50	1783950000
DLI 2.5/LD-GN/NPN -+ DB	50	1783940000

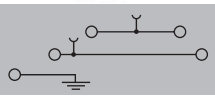
Type		Qty.	Order No.
Q 2 DLI	24 A	50	1312500000
Q 3 DLI	24 A	50	1312600000
Q 4 DLI	24 A	50	1312700000
Q 10 DLI	24 A	20	1313100000
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 RT	17.5 A	5	1633290000
VQB 1.5/50 BL	17.5 A	5	1633280000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		1	2749340000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLA 2.5 — 2.5 mm²

Actuator connection (signal,-,PE)



Width/Height/Depth	6.1 x 65 x 48.5
max. current / max. cond. cross-section	**26 / 4**
Max. clamping range	**0.13...4**



Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	17.5	10	10	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Electronic fixtures	
Component voltage / Component current	-/-
Operating voltage for display, max. / Current	-/-

Clamped conductors	Rated connection
Solid / Stranded	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4
Tightening torque / Clamping screw	0.4...0.6 / (M 2.5)
Stripping length / Blade size	7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
dark beige	DLA 2.5 DB	100	**1783560000**
dark beige (red LED)			
dark beige (green LED)			

Note

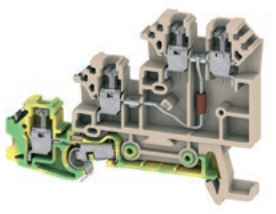
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	Q 2 DLI	24 A	50	**1312500000**
3-pole	Q 3 DLI	24 A	50	**1312600000**
4-pole	Q 4 DLI	24 A	50	**1312700000**
10-pole	Q 10 DLI	24 A	20	**1313100000**
Cross-connector				
black	VQB 1.5/50 SW	17.5 A	5	**1635120000**
red	VQB 1.5/50 RT	17.5 A	5	**1633290000**
blue	VQB 1.5/50 BL	17.5 A	5	**1633280000**
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	**1783550000**
End bracket				
dark beige	EW 35		50	**0383560000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Small partition				
Small partition	TSCH 1		100	**0319160000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**

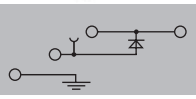
For detailed information on other accessories and application in the online catalogue

DLA 2.5/D — 2.5 mm²

Actuator connection (circuit with diode)



Width/Height/Depth	6.1 x 66 x 48.5
max. current / max. cond. cross-section	**17.5 / 4**
Max. clamping range	**0.13...4**



IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	17.5	10	10	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Electronic fixtures	
Component voltage / Component current	1000 / 1

Clamped conductors	Rated connection
Solid / Stranded	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4
Tightening torque / Clamping screw	0.4...0.6 / (M 2.5)
Stripping length / Blade size	7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Type	Qty.	Order No.
DLA 2.5/D DB	100	**1783590000**

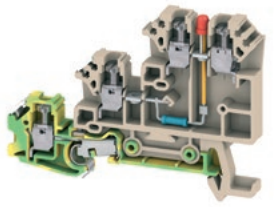
Accessories

Type		Qty.	Order No.
Q 2 DLI	24 A	50	**1312500000**
Q 3 DLI	24 A	50	**1312600000**
Q 4 DLI	24 A	50	**1312700000**
Q 10 DLI	24 A	20	**1313100000**
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
AP DLI2.5 DB		20	**1783550000**
EW 35		50	**0383560000**
SDS 0.6X3.5X100		1	**2749340000**
TSCH 1		100	**0319160000**
DEK 5/6 MC NE WS		1000	**1609820000**

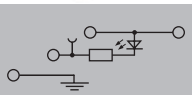
DLA 2.5/LD

2.5 mm²

Actuator connection with LED



6.1 x 66 x 48.5
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
30		30	
17.5		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

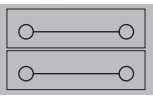
30 / 5
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	50	**1783600000**

Type		Qty.	Order No.
Q 2 DLI	24 A	50	**1312500000**
Q 3 DLI	24 A	50	**1312600000**
Q 4 DLI	24 A	50	**1312700000**
Q 10 DLI	24 A	20	**1313100000**
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
AP DLI2.5 DB		20	**1783550000**
EW 35		50	**0383560000**
SDS 0.6X3.5X100		1	**2749340000**
TSCH 1		100	**0319160000**
DEK 5/6 MC NE WS		1000	**1609820000**

WDU 2.5/TC — 2.5 mm²

Width/Height/Depth	10.2 x 60 x 50
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.13...2.5



IEC 60584, IEC 60947-7-1

Ex eb II C Gbll
2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal		50		55
Rated current				8
for wire cross-section	2.5	AWG 30...12		2.5 mm²
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				SIRA 02ATEX3153 U
Clamped conductors				
Solid / Stranded				mm²
Flexible / Flexible with ferrule				mm²
Tightening torque / Clamping screw				Nm
Stripping length / Blade size				mm/-
Rated connection				
0.5...2.5 / 1.5...2.5				
0.5...2.5 / 0.5...2.5				
0.4...0.6 / (M 2.5)				
10 / 0.6 x 3.5 mm				

Note

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

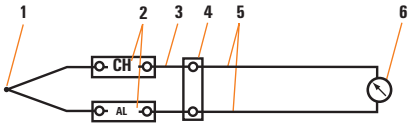
- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Ordering data

Version	Type	Qty.	Order No.
(NiCr - Ni) type K	WDU 2.5/TC TYP K	25	1024100000
(Cu - CuNi) type T	WDU 2.5/TC TYP T	25	1024200000
(Fe-CuNi) type J	WDU 2.5/TC TYP J	25	1024300000
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	WDU 2.5/TC TYP SR	25	1024400000
(Pt 10% Rh - Pt 6% Rh) type B	WDU 2.5/TC TYP B	25	1033700000
(NiCr - CuNi) type E	WDU 2.5/TC TYP E	25	1033300000
(NiSil - Nicrosil) type N	WDU 2.5/TC TYP N	25	1041500000

Note

Configuration of a temperature measuring circuit



1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply and return conductors
6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.
Thermocouple terminals are required for constructing a temperature measuring circuit.

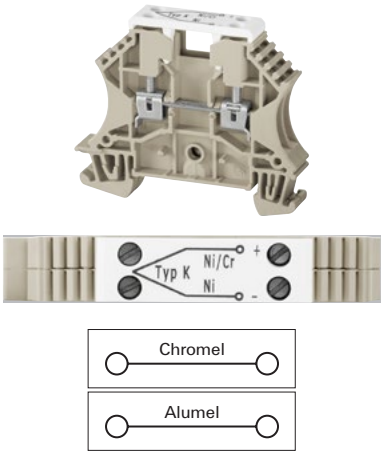
Technical data
Thermocouples to IEC 584 (DIN 43 710)

Accessories

End plate / Partition plate	Type	Qty.	Order No.
dark beige	WAP 2.5-10	50	1050000000
dark beige	WAP 16+35 WTW 2.5-10	20	1050100000
End bracket			
dark beige	WEW 35/2	50	1061200000
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044

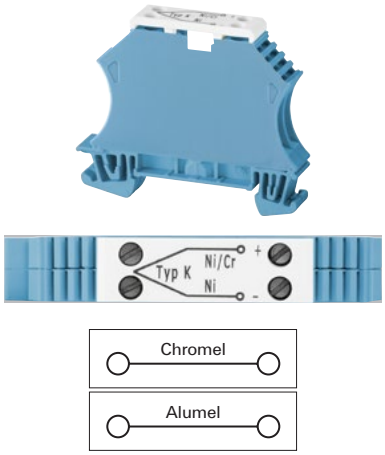
For detailed information on other accessories and application in the online catalogue

WDU 2.5/TC TYP K



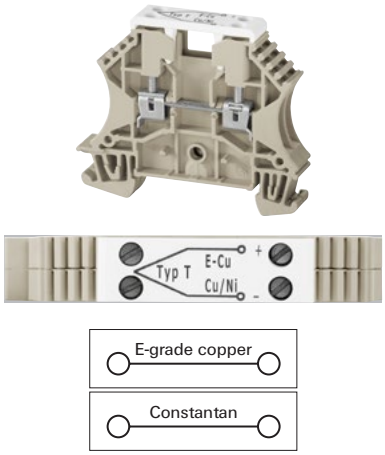
Type	Qty.	Order No.
WDU 2.5/TC TYP K	25	1024100000

WDU 2.5/AP/TC BL TYP K



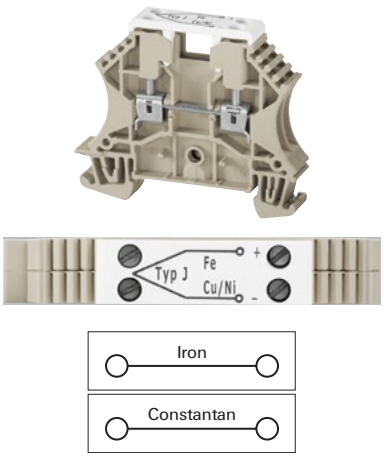
Type	Qty.	Order No.
WDU 2.5/AP/TC BL TYP K	25	1032880000

WDU 2.5/TC TYP T



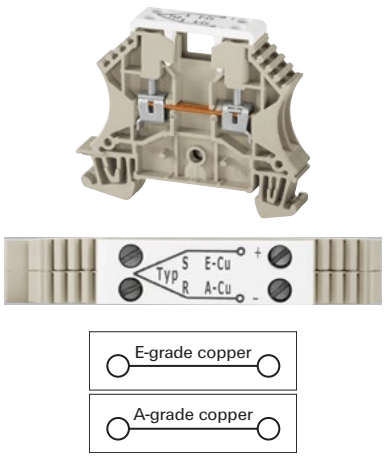
Type	Qty.	Order No.
WDU 2.5/TC TYP T	25	1024200000

WDU 2.5/TC TYP J



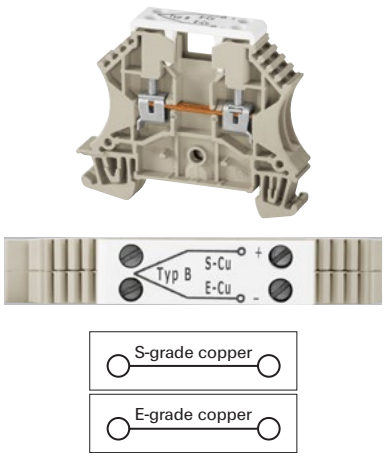
Type	Qty.	Order No.
WDU 2.5/TC TYP J	25	1024300000

WDU 2.5/TC TYP SR



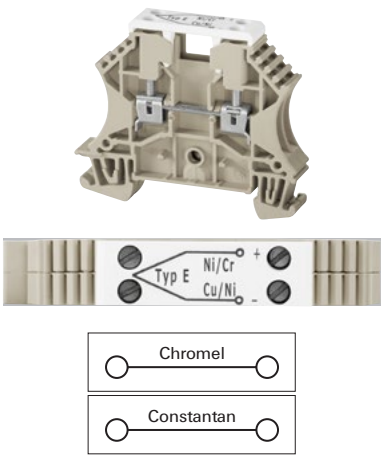
Type	Qty.	Order No.
WDU 2.5/TC TYP SR	25	1024400000

WDU 2.5/TC TYP B



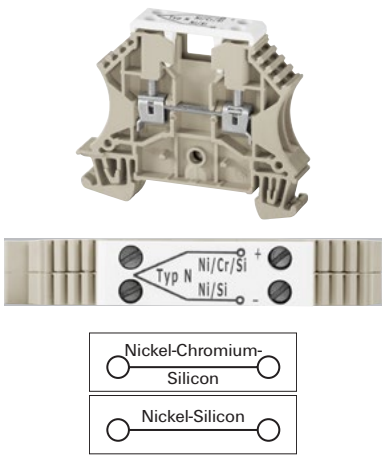
Type	Qty.	Order No.
WDU 2.5/TC TYP B	25	1033700000

WDU 2.5/TC TYP E



Type	Qty.	Order No.
WDU 2.5/TC TYP E	25	1033300000

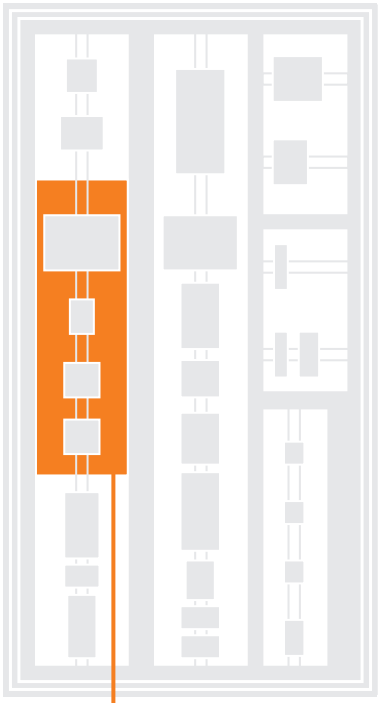
WDU 2.5/TC TYP N



Type	Qty.	Order No.
WDU 2.5/TC TYP N	25	1041500000

Space-saving connection of process control systems

Efficient marshalling and distribution with Klippon® Connect signals



Increasingly complex requirements for automation processes and increasing demands in terms of monitoring and recording operational data have led to an ever-increasing number of sensors in the field for process technology. This means that space- and time-saving wiring of signals in Signal marshalling panels in the process and energy generation industries is becoming increasingly demanding. Our terminal blocks for Signal marshalling enable extremely compact yet clear panel design. The additional signals for automation can be easily connected and processed.

Our promise

With our terminal blocks for Signal marshalling, you have maximum flexibility from the planning phase: potential later extensions can be planned in from the start. This means that Klippon® Connect saves you time and money and considerably improves productivity.

Our range

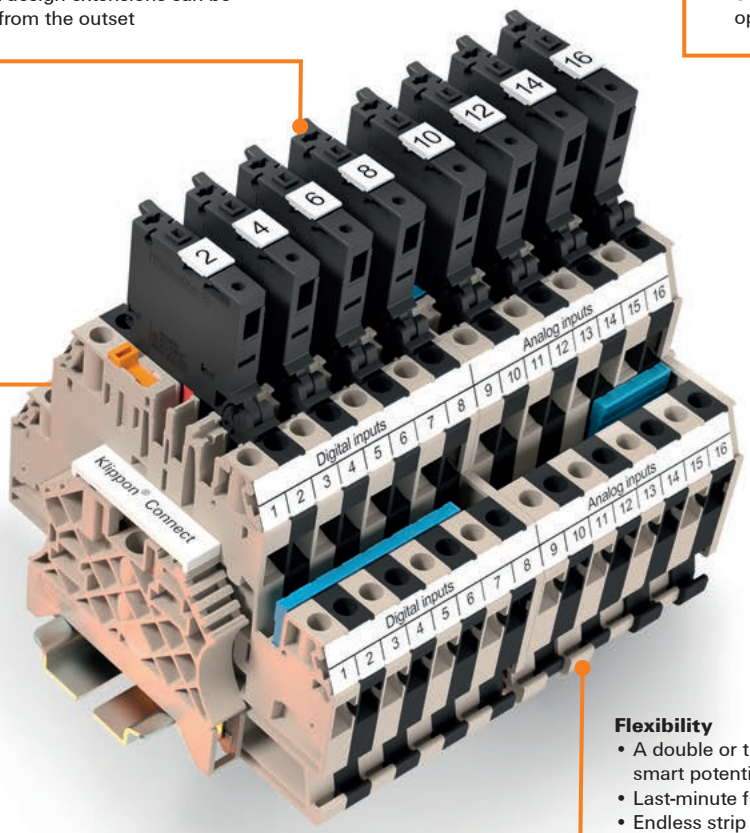
Unique design for plenty of space:
Our PUSH IN terminal blocks for Signal marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

One solution for all requirements:
The WMF-Series of screw connection terminals is a multi-functional solution for the marshalling and distribution of signals. Feed-through, fuse and disconnector function plus an additional shield connection are included in one design.

Time saving
- Fast and convenient fuse replacement thanks to fuse holder with hinged fuse lever
- A double or triple cross-connection channel ensures low wiring effort
- Digital data availability in CAD programs

Safety
- Guaranteed vibration-proof and gas-tight connections
- Protection against electromagnetic influences
- Signal loops measurable when fuse lever is open

Space saving
- Up to 50 percent more space in the panel thanks to optimised design
- Subsequent design extensions can be considered from the outset



Flexibility
- A double or triple cross-connection channel provides smart potential distribution
- Last-minute function change possible
- Endless strip marker for large-area marking

More flexibility in signal wiring and potential distribution

Klippon® Connect W2C and W2T Range for signal marshaling

Automation in the process industry requires flexible solutions for complex production processes. Your circuit diagrams are no less complex and often undergo changes shortly before the end. With our new range of DCS marshalling terminal blocks you can solve these challenges. Even a „last minute change“ is feasible for you without having to change the wiring you have already done. Thanks to the single- and double-level arrangement of the terminal blocks, combined with the provision of the four basic functions (continuity, disconnect, fuse, ground), you achieve maximum flexibility when connecting your devices wired in the field. We also offer you an alternative to connecting the shield to PE for your potential-free shielding concepts.

Cross connection channel provision
On all levels terminals the double cross connection possibility allows you a rational and comfortable potential distribution for Analogue and Digital inputs and outputs. The single level terminal blocks offer up to three cross connection channels.

Hollow screw head equipped versions
In order to ease and increase your efficiency in signal loop verifications, our "STB" versions are equipped with tightening screws with hollow screw heads thus allowing direct and secure insertion of appropriate test probes in hands-free operations.

Signal loop testing
During your DCS marshalling signal loop checks, you can insert your probes need not only upstream and downstream the fuse in closed position you also can open the fuse carrier while your test probes are plugged. This allows you a make before break testing.

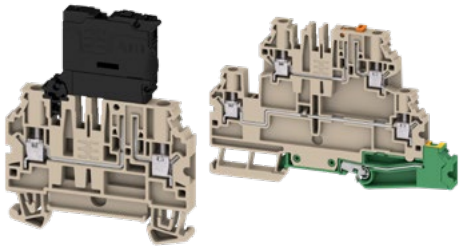
Data provision and rationalized accessory base
Full data provision in the Weidmüller Configurator (WMC), to enhance and streamline design-in process of the complete solution. The wizard guide helps to select the correct items of critical safety accessories in order to obtain a 100% safe and rationalized product configuration.

Plan, install, and operate optimally
Planning – with perfect support

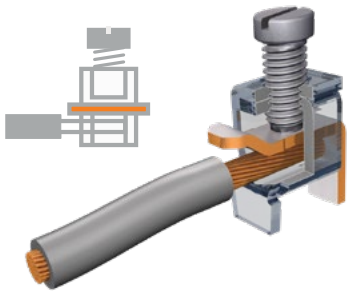
Data provision and rationalized accessory base
Full data provision in the Weidmüller Configurator (WMC), to enhance and streamline design-in process of the complete solution. The wizard guide helps to select the correct items of critical safety accessories in order to obtain a 100% safe and rationalized product configuration.

Full range of international approvals
The new W2C / W2T range is equipped with the full spectrum of approvals qualifying its choice for use in Process-related hazardous, non-hazardous locations and on board of vessels for Marine applications.

Compact footprint
The new single and double tier range terminals offer you full breadth of functionality in a very limited footprint, thus allowing maximum signal wiring density in a cabinet. In the case of the 2 level terminal block, up to 3 different electrical functions can be implemented (fuse/disconnect, feed-through and PE).

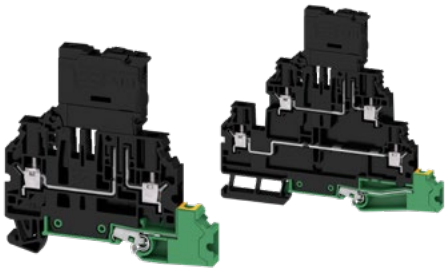


Reliable clamping yoke screw technology
Throughout the whole proposal the terminal blocks are equipped with Weidmüller's self-locking, maintenance free clamping yoke wiring technology. This has proven itself in decades of service life giving unrivalled connection safety and reliability inside the application.



Plan, install, and operate optimally
Installation – simple, fast, and safe

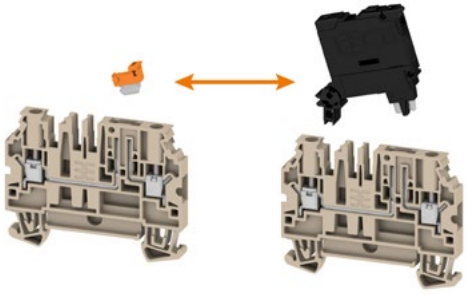
Integrated PE contact for shielding
You can choose the new single and double tier terminals also with integrated PE contact onto the DIN rail to allow rational shield connection from incoming field wire cables. Thus allowing space and component savings in the cabinet.



Integrated shield bus bar to be connected to your floating ground
As alternative to connecting the shield to PE you can use the potential-free shield bus bar. You can use this as integrated part of a single tier terminal block which safes you space and costs. It allows you to use your floating ground for the shield that avoids a coupling loop for noise currents present in the ground system.

Cross connection channel provision
On all levels terminals the double cross connection possibility allows you a rational and comfortable potential distribution for Analogue and Digital inputs and outputs. The single level terminal blocks offer up to three cross connection channels.

Function change – Last minute changes
The disconnect and fuse versions can allow you an easy function change by replacing disconnect lever with hinged fuse carrier or vice versa, thus accommodating late minute changes in cabinets. Your wire installation can remain unchanged.



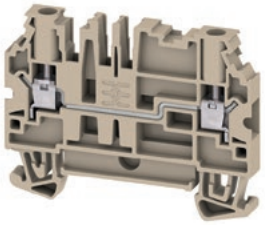
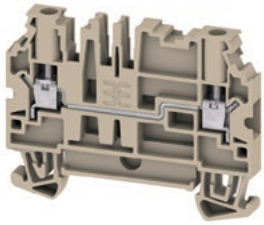
Plan, install, and operate optimally
Operation – norm-compliant and safe

Hollow screw head equipped versions
In order to ease and increase your efficiency in signal loop verifications, our “STB” versions are equipped with tightening screws with hollow screw heads thus allowing direct and secure insertion of appropriate test probes in hands-free operations.

Signal loop testing
During your DCS marshalling signal loop checks, you can insert your probes need not only upstream and downstream the fuse in closed position you also can open the fuse carrier while your test probes are plugged. This allows you a make before break testing.

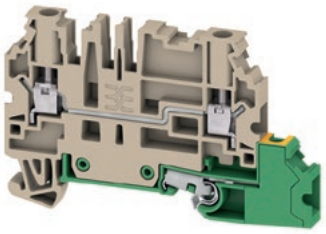
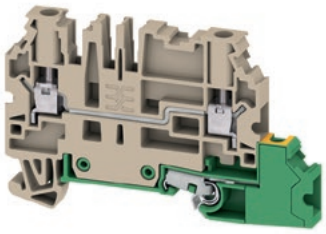
Additional marking and enhanced potential distribution possibility
You can use the multi-functional channel on the left to equip a marker holder or you can use it for a third cross-connection, providing one common feeding for adjoining feed through and disconnect terminals.

Endless strip marker
The endless strip marker fits perfectly on the terminal rail. Without any pitch the marker could be fixed over every terminal block as well as endplates in one line. Thus allowed absoloutly flexibillity during the planning, installation and operation phase. Additionally the strip markers offers a big marking area for multiple lines.

	W2C 4 FT	4 mm²	W2C 4 FT STB	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 46		6.1 x 60 x 46	
max. current / max. cond. cross-section A/mm²	**32 / 6**		**32 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

| Rated data | | |

	W2C 4 FT-PE	4 mm²	W2C 4 FT-PE STB	4 mm²
				
Width/Height/Depth mm	6.1 x 72.5 x 46		6.1 x 72.5 x 46	
max. current / max. cond. cross-section A/mm²	**32 / 6**		**32 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

	W2C 4 FT-PE			W2C 4 FT-PE STB		
Rated data						
Rated voltage V	IEC 60947-7-1, IEC 60947-7-2			IEC 60947-7-1, IEC 60947-7-2		
Rated current A	IEC	UL	CSA	IEC	UL	CSA
for wire cross-section mm²	800		300	800		300
Rated impulse withstand voltage / Pollution severity	32		20	32		20
Gauge to IEC 60947-1 / UL 94 flammability rating	4		AWG 24...12	4		AWG 24...12
Approvals			8 kV / 3			8 kV / 3
			A3 / V-0			A3 / V-0
	EN 60079-7			EN 60079-7		
	550			550		
	29			29		
	4 mm²			4 mm²		
Clamped conductors						
Solid / Stranded mm²	**Rated connection**			**Rated connection**		
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...6			0.25...6 / 0.25...6		
Twin wire-end ferrule mm²	0.25...6 / 0.25...4			0.25...6 / 0.25...4		
Stripping length / Blade size mm/-	0.5...1.5			0.5...1.5		
	8 / 0.6 x 3.5 mm			8 / 0.6 x 3.5 mm		
Note						

Ordering data

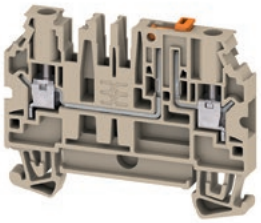
Version	W2C 4 FT-PE			W2C 4 FT-PE STB		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	W2C 4 FT-PE	50	**2892690000**	W2C 4 FT-PE STB	50	**2892700000**
Blue						
Black						
Note						

Accessories

	W2C 4 FT-PE			W2C 4 FT-PE STB		
	Type		**Qty.**	**Type**		**Qty.**
Plug-in cross-connection						
2-pole	ZQV 4N/2	32 A	60	ZQV 4N/2	32 A	60
10-pole	ZQV 4N/10	32 A	20	ZQV 4N/10	32 A	20
End plate						
dark beige	WEP 2C 4		20	WEP 2C 4		20
blue	WEP 2C 4 BL		20	WEP 2C 4 BL		20
Black	WEP 2C 4 BK		20	WEP 2C 4 BK		20
End bracket						
dark beige	WEW 35/2		50	WEW 35/2		50
Screwdriver						
Screwdriver PH2	SDS 0.6X3.5X100		1	SDS 0.6X3.5X100		1
Marker holder						
dark beige	BZT W2C 4		20	BZT W2C 4		20
Holder for cartridge fuse 5 x 20 mm						
400 V AC/DC, without LED						
10 - 36 V AC/DC, red LED						
35 - 70 V AC/DC, red LED						
60 - 150 V AC/DC, red LED						
140 - 250 V AC/DC, red LED						
Disconnect plug						
orange						
Switch lock						
red						
Module connector (max, 250 V)						
without fittings						
With 1N4007 diode						
Marking tags						
	WS 8/6 MM WS		600	WS 8/6 MM WS		600
	DEK 5/6 MM WS		600	DEK 5/6 MM WS		600
	DEK 5/6 PLUS MC NE WS		1000	DEK 5/6 PLUS MC NE WS		1000
	DEK 5/5 MC NE WS		1000	DEK 5/5 MC NE WS		1000
For detailed information on other accessories and application in the online catalogue						

	W2C 4 FT-PE		W2C 4 FT-PE STB	
	Order No.		**Order No.**	
Plug-in cross-connection				
2-pole	**1527930000**		**1527930000**	
10-pole	**1528090000**		**1528090000**	
End plate				
dark beige	**2894210000**		**2894210000**	
blue	**2894220000**		**2894220000**	
Black	**2894230000**		**2894230000**	
End bracket				
dark beige	**1061200000**		**1061200000**	
Screwdriver				
Screwdriver PH2	**2749340000**		**2749340000**	
Marker holder				
dark beige	**2894270000**		**2894270000**	
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED				
10 - 36 V AC/DC, red LED				
35 - 70 V AC/DC, red LED				
60 - 150 V AC/DC, red LED				
140 - 250 V AC/DC, red LED				
Disconnect plug				
orange				
Switch lock				
red				
Module connector (max, 250 V)				
without fittings				
With 1N4007 diode				
Marking tags				
	2007160000		**2007160000**	
	2007120000		**2007120000**	
	1011320000		**1011320000**	
	1609801044		**1609801044**	

W2C 4 DT — 4 mm²



6.1 x 60 x 48
28 / 6
0.25...6

IEC 60947-7-1

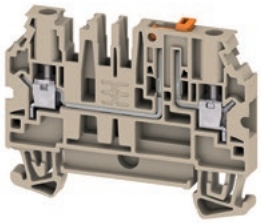
IEC	UL	CSA	EN 60079-7
500		300	550
28		20	26
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DT	50	2892740000
W2C 4 DT BL	50	2892750000
W2C 4 DT BK	50	2892760000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
BZT W2C 4		20	2894270000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
DTLE 2.5/4		25	2910530000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DT STB — 4 mm²



6.1 x 60 x 48
28 / 6
0.25...6

IEC 60947-7-1

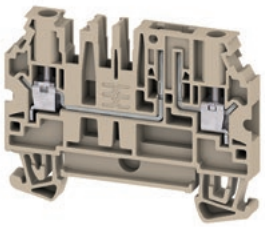
IEC	UL	CSA	EN 60079-7
500		300	550
28		20	26
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DT STB	50	2892770000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
BZT W2C 4		20	2894270000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
DTLE 2.5/4		25	2910530000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DT W/O DTLV — 4 mm²



Width/Height/Depth	mm	6.1 x 60 x 48
max. current / max. cond. cross-section	A/mm²	**28 / 6**
Max. clamping range	mm²	**0.25...6**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500		300	
Rated current (A)	28		20	
for wire cross-section (mm²)	4		AWG 24...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				
Clamped conductors				
Solid / Stranded (mm²)	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule (mm²)	0.25...6 / 0.25...4			
Twin wire-end ferrule (mm²)	0.5...1.5			
Stripping length / Blade size (mm/-)	8 / 0.6 x 3.5 mm			

Note

Ordering data

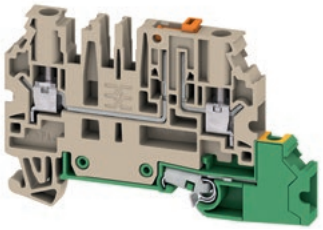
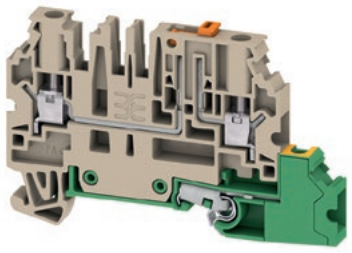
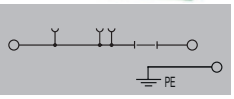
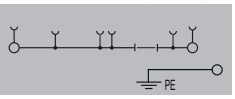
Version	Type	Qty.	Order No.
without isolator, dark beige	W2C 4 DT W/O DTLV	50	**2892780000**
without isolator, black	W2C 4 DT W/O DTLV BK	50	**2892800000**
without isolator, blue	W2C 4 DT W/O DTLV BL	50	**2892790000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Marker holder				
dark beige	BZT W2C 4		20	**2894270000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2C 4 DT-PE	4 mm²	W2C 4 DT-PE STB	4 mm²
				
Width/Height/Depth mm	6.1 x 72.5 x 48		6.1 x 72.5 x 48	
max. current / max. cond. cross-section A/mm²	**28 / 6** 		**28 / 4** 	
Max. clamping range mm²	**0.25...6**		**0.25...4**	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	550
Rated current	A	28		20	26
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Twin wire-end ferrule	mm²				
Stripping length / Blade size	mm/-				

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	550
Rated current	A	28		20	26
for wire cross-section	mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Twin wire-end ferrule	mm²				
Stripping length / Blade size	mm/-				

	IEC 60947-7-1, IEC 60947-7-2			
Rated connection				
0.25...6 / 0.25...6				
0.25...6 / 0.25...4				
0.5...1.5				
8 / 0.6 x 3.5 mm				

	IEC 60947-7-1, IEC 60947-7-2			
Rated connection				
0.25...6 / 0.25...6				
0.25...6 / 0.25...4				
0.5...1.5				
8 / 0.6 x 3.5 mm				

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	W2C 4 DT-PE	50	2892810000

Version	Type	Qty.	Order No.
dark beige	W2C 4 DT-PE STB	50	2892820000

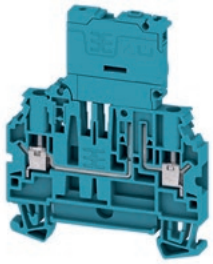
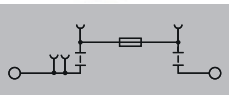
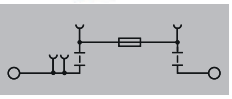
Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
dark beige	WEP 2C 4		20	2894210000
blue	WEP 2C 4 BL		20	2894220000
Black	WEP 2C 4 BK		20	2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Marker holder				
dark beige	BZT W2C 4		20	2894270000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	7921580000
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	7921590000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Switch lock				
red	DTLE 2.5/4		25	2910530000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
dark beige	WEP 2C 4		20	2894210000
blue	WEP 2C 4 BL		20	2894220000
Black	WEP 2C 4 BK		20	2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Marker holder				
dark beige	BZT W2C 4		20	2894270000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	7921580000
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	7921590000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Switch lock				
red	DTLE 2.5/4		25	2910530000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

	W2C 4 FS DB	4 mm²	W2C 4 FS BL	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 75		6.1 x 60 x 75	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data					
Rated voltage	V	IEC 60947-7-3			
Rated current	A	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	36		300	
Rated impulse withstand voltage / Pollution severity		6.3		10	6.3
Gauge to IEC 60947-1 / UL 94 flammability rating		4		AWG 24...12	4 mm²
Approvals				6 kV / 3	
				A3 / V-0	
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note		The voltage depends on the selected fuse element or the selected indicator light.			

Rated data					
Rated voltage	V	IEC 60947-7-3			
Rated current	A	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	36		300	
Rated impulse withstand voltage / Pollution severity		6.3		10	6.3
Gauge to IEC 60947-1 / UL 94 flammability rating		4		AWG 24...12	4 mm²
Approvals				6 kV / 3	
				A3 / V-0	
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note		The voltage depends on the selected fuse element or the selected indicator light.			

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS DB	50	**2892900000**
10–36 V AC/DC, with LED	W2C 4 FS 10-36V DB	50	**2892980000**
30–70 V AC/DC, with LED	W2C 4 FS 30-70V DB	50	**2893010000**
60–150 V AC/DC, with LED	W2C 4 FS 60-150V DB	50	**2893040000**
100 – 250 V AC/DC, with LED	W2C 4 FS 100-250V DB	50	**2893080000**
Note			

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS BL	50	**2892910000**
10–36 V AC/DC, with LED	W2C 4 FS 10-36V BL	50	**2892990000**
30–70 V AC/DC, with LED	W2C 4 FS 30-70V BL	50	**2893020000**
60–150 V AC/DC, with LED	W2C 4 FS 60-150V BL	50	**2893050000**
100 – 250 V AC/DC, with LED	W2C 4 FS 100-250V BL	50	**2893090000**
Note			

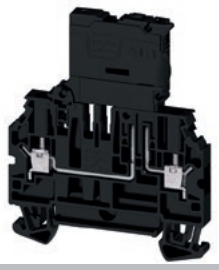
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

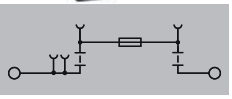
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 FS BK — 4 mm²



6.1 x 60 x 75
6.3 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
36		300	
6.3		10	6.3
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

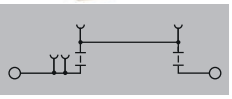
The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2C 4 FS BK	50	2892920000
W2C 4 FS 10-36V BK	50	2893000000
W2C 4 FS 30-70V BK	50	2893030000
W2C 4 FS 60-150V BK	50	2893070000
W2C 4 FS 100-250V BK	50	2893110000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DTCA DB — 4 mm²

6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-3

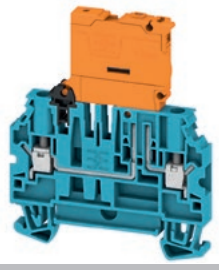
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

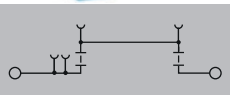
Type	Qty.	Order No.
W2C 4 DTCA DB	50	3018840000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DTCA BL — 4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



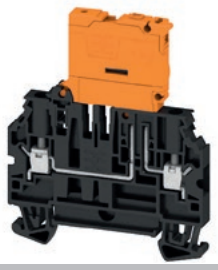
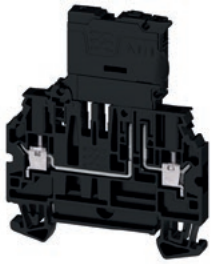
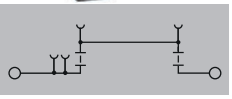
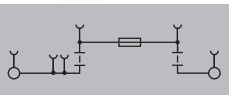
IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA BL	50	3018940000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

	W2C 4 DTCA BK	4 mm²	W2C 4 FS BK STB	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 75		6.1 x 60 x 75	
max. current / max. cond. cross-section A/mm²	**20 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

	W2C 4 DTCA BK				W2C 4 FS BK STB			
Rated data								
Rated voltage V	IEC 60947-7-3				IEC 60947-7-3			
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	500				36		300	
Rated impulse withstand voltage / Pollution severity	20				6.3		10	6.3
Gauge to IEC 60947-1 / UL 94 flammability rating	4				4		AWG 24...12	4 mm²
Approvals			6 kV / 3				6 kV / 3	
			A3 / V-0				A3 / V-0	
					CE cULus Ex UKCA			
Clamped conductors								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...6				0.25...6 / 0.25...6			
Twin wire-end ferrule mm²	0.25...6 / 0.25...4				0.25...6 / 0.25...4			
Stripping length / Blade size mm/-	0.5...1.5				0.5...1.5			
	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note					The voltage depends on the selected fuse element or the selected indicator light.			

Ordering data

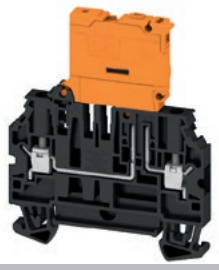
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 DTCA BK	50	**3019240000**	W2C 4 FS BK STB	50	**2892930000**
10–36 V AC/DC, with LED				W2C 4 FS 10-36V BK STB	50	**2892940000**
30–70 V AC/DC, with LED				W2C 4 FS 30-70V BK STB	50	**2892950000**
60–150 V AC/DC, with LED				W2C 4 FS 60-150V BK STB	50	**2892960000**
100 – 250 V AC/DC, with LED				W2C 4 FS 100-250V BK STB	50	**2892970000**
Note						

Accessories

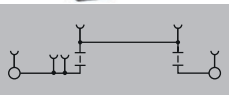
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2C 4		20	**2894210000**	WEP 2C 4		20	**2894210000**
blue	WEP 2C 4 BL		20	**2894220000**	WEP 2C 4 BL		20	**2894220000**
Black	WEP 2C 4 BK		20	**2894230000**	WEP 2C 4 BK		20	**2894230000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast					G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast					G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast					G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast					G 20/2.00A/F	2 A	10	**0430900000**
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 DTCA BK STB — 4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-1

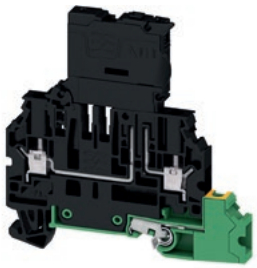
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

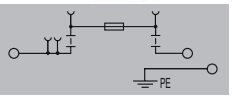
Type	Qty.	Order No.
W2C 4 DTCA BK STB	50	3019260000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS-PE BK — 4 mm²



6.1 x 72.5 x 75
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
36		300	
6.3		10	6.3
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

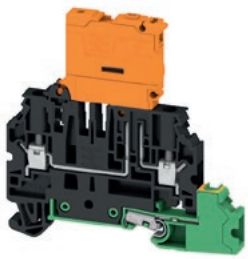
Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

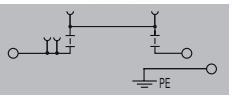
Type	Qty.	Order No.
W2C 4 FS-PE BK	50	2893120000
W2C 4 FS-PE 10-36V BK	50	2893140000
W2C 4 FS-PE 30-70V BK	50	2893150000
W2C 4 FS-PE 60-150V BK	50	2893160000
W2C 4 FS-PE 100-250V BK	50	2893170000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DTCA-PE BK — 4 mm²



6.1 x 72.5 x 75
20 / 6
0.25...6



IEC 60947-7-1, IEC 60947-7-2

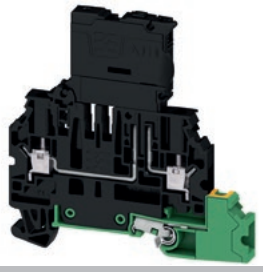
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		

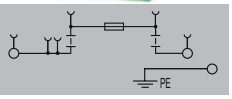
Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA-PE BK	50	3019280000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4		20	2894210000
WEP 2C 4 BL		20	2894220000
WEP 2C 4 BK		20	2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS-PE BK STB — 4 mm²





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6.1 x 72.5 x 75
6.3 / 6
0.25...6

Technical data

IEC 60947-7-3, IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	36		300	
Rated current	6.3		10	6.3
for wire cross-section	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Twin wire-end ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Note

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS-PE BK STB	50	2893130000
10–36 V AC/DC, with LED	W2C 4 FS-PE 10-36V BK STB	50	2893180000
30–70 V AC/DC, with LED	W2C 4 FS-PE 30-70V BK STB	50	2893190000
60–150 V AC/DC, with LED	W2C 4 FS-PE 60-150V BK STB	50	2893200000
100 – 250 V AC/DC, with LED	W2C 4 FS-PE 100-250V BK STB	50	2893210000

Note

Accessories

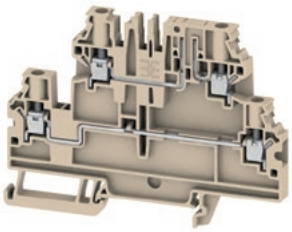
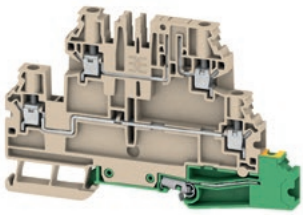
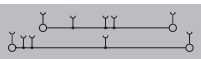
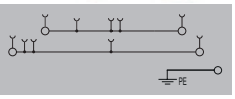
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
dark beige	WEP 2C 4		20	2894210000
blue	WEP 2C 4 BL		20	2894220000
Black	WEP 2C 4 BK		20	2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

W2C 4 FS-PE BK STB

Type	Order No.
W2C 4 FS-PE BK STB	2893130000

Arrangement	Applications			
	Only short-circuit protection		Overload protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4.0 W / 6.3 A	31 °C	1.6 W / 6.3 A
In combination	32 °C	2.5 W / 6.3 A	34 °C	1.6 W / 6.3 A

	W2T 4 FT-FT	4 mm²	W2T 4 FT-FT-PE	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 72.5		6.1 x 106.5 x 72.5	
max. current / max. cond. cross-section A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

	W2T 4 FT-FT				W2T 4 FT-FT-PE			
Rated data	IEC 60947-7-1				IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	500				500			
Rated current A	28				28			
for wire cross-section mm²	4				4			
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.25...6 / 0.25...6				0.25...6 / 0.25...6			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4				0.25...6 / 0.25...4			
Twin wire-end ferrule mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note								

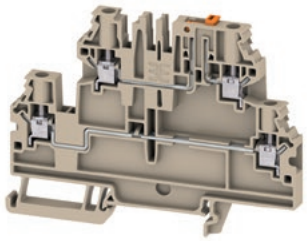
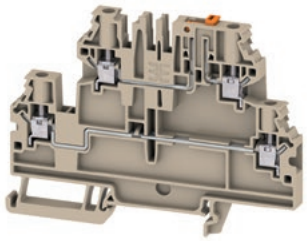
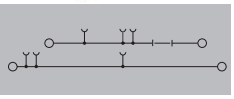
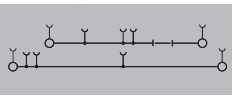
Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	W2T 4 FT-FT	50	**3019380000**	W2T 4 FT-FT-PE	50	**3019400000**
Blue						
Black						
Note						

Accessories

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2T 4		20	**2894240000**	WEP 2T 4		20	**2894240000**
Black	WEP 2T 4 BK		20	**2894260000**	WEP 2T 4 BK		20	**2894260000**
blue	WEP 2T 4 BL		20	**2894250000**	WEP 2T 4 BL		20	**2894250000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED								
10 - 36 V AC/DC, red LED								
35 - 70 V AC/DC, red LED								
60 - 150 V AC/DC, red LED								
140 - 250 V AC/DC, red LED								
Disconnect plug								
orange								
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)								
without fittings								
With 1N4007 diode								
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2T 4 DT-FT	4 mm²	W2T 4 DT-FT STB	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 72.5		6.1 x 95.5 x 72.5	
max. current / max. cond. cross-section A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

	W2T 4 DT-FT				W2T 4 DT-FT STB			
Rated data								
	IEC 60947-7-1				IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	500		300	550	500		300	550
Rated current A	28		20	23	28		20	23
for wire cross-section mm²	4		AWG 24...12	4 mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								
Clamped conductors								
Solid / Stranded mm²	0.25...6 / 0.25...6				0.25...6 / 0.25...6			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4				0.25...6 / 0.25...4			
Twin wire-end ferrule mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note								

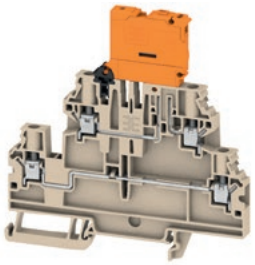
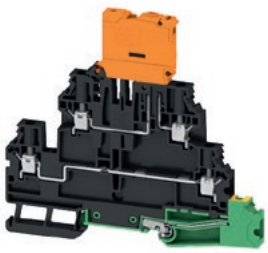
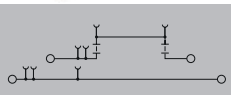
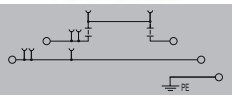
Ordering data

Version	W2T 4 DT-FT			W2T 4 DT-FT STB		
	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	W2T 4 DT-FT	50	**2893690000**	W2T 4 DT-FT STB	50	**2893720000**
Blue	W2T 4 DT-FT BL	50	**2893700000**			
Black	W2T 4 DT-FT BK	50	**2893710000**			
Note						

Accessories

	W2T 4 DT-FT				W2T 4 DT-FT STB			
Plug-in cross-connection								
	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2T 4		20	**2894240000**	WEP 2T 4		20	**2894240000**
Black	WEP 2T 4 BK		20	**2894260000**	WEP 2T 4 BK		20	**2894260000**
blue	WEP 2T 4 BL		20	**2894250000**	WEP 2T 4 BL		20	**2894250000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug								
orange	TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
Switch lock								
red	DTLE 2.5/4		25	**2910530000**	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2T 4 DTCA-FT	4 mm²	W2T 4 DTCA-FT-PE	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 72.5		6.1 x 106.5 x 72.5	
max. current / max. cond. cross-section A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	500				500			
Rated current A	28				28			
for wire cross-section mm²	4				4			
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								

Clamped conductors	Rated connection	Rated connection
Solid / Stranded mm²	0.25...6 / 0.25...6	0.25...6 / 0.25...6
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4	0.25...6 / 0.25...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note		

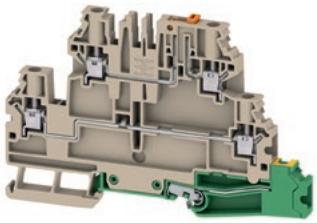
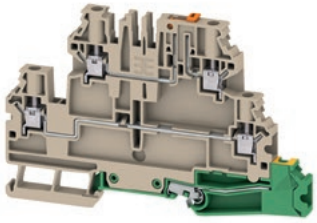
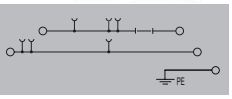
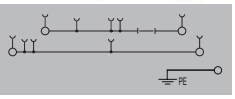
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	W2T 4 DTCA-FT DB	50	3019300000			
Blue	W2T 4 DTCA-FT BL	50	3019320000			
Black	W2T 4 DTCA-FT BK	50	3019340000	W2T 4 DTCA-FT-PE BK	50	3019360000
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	WEP 2T 4		20	2894240000	WEP 2T 4		20	2894240000
Black	WEP 2T 4 BK		20	2894260000	WEP 2T 4 BK		20	2894260000
blue	WEP 2T 4 BL		20	2894250000	WEP 2T 4 BL		20	2894250000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED								
10 - 36 V AC/DC, red LED								
35 - 70 V AC/DC, red LED								
60 - 150 V AC/DC, red LED								
140 - 250 V AC/DC, red LED								
Disconnect plug								
orange								
Switch lock								
red	DTLE 2.5/4		25	2910530000	DTLE 2.5/4		25	2910530000
Module connector (max, 250 V)								
without fittings								
With 1N4007 diode								
Marking tags								
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

	W2T 4 DT-FT-PE	4 mm²	W2T 4 DT-FT-PE STB	4 mm²
				
Width/Height/Depth mm	6.1 x 106.5 x 72.5		6.1 x 106.5 x 72.5	
max. current / max. cond. cross-section A/mm²	**28 / 6**		**28 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	500		300	550
Rated current A	28		20	23
for wire cross-section mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule mm²	0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm			
Note				

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	500		300	550
Rated current A	28		20	23
for wire cross-section mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				
Clamped conductors				
Solid / Stranded mm²	0.25...6 / 0.25...6			
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4			
Twin wire-end ferrule mm²	0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	W2T 4 DT-FT-PE	50	**2893730000**
Blue			
Black			
Note			

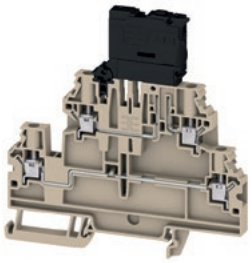
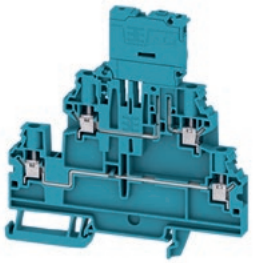
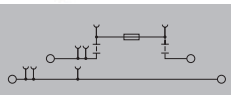
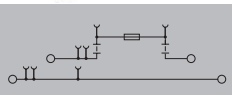
Version	Type	Qty.	Order No.
dark beige	W2T 4 DT-FT-PE STB	50	**2893740000**
Blue			
Black			
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2T 4		20	**2894240000**
Black	WEP 2T 4 BK		20	**2894260000**
blue	WEP 2T 4 BL		20	**2894250000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Switch lock				
red	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2T 4		20	**2894240000**
Black	WEP 2T 4 BK		20	**2894260000**
blue	WEP 2T 4 BL		20	**2894250000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Switch lock				
red	DTLE 2.5/4		25	**2910530000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2T 4 FS-FT DB	4 mm²	W2T 4 FS-FT BL	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 99.5		6.1 x 95.5 x 99.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

Rated data					IEC 60947-7-3, IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V		36		300		36		300	
Rated current	A		6.3		10	6.3	6.3		10	6.3
for wire cross-section	mm²		4		AWG 24...12	4 mm²	4		AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity					6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating					A3 / V-0				A3 / V-0	
Approvals			CE cULus Ex UKCA				CE cULus Ex UKCA			
Clamped conductors			**Rated connection**				**Rated connection**			
Solid / Stranded	mm²		0.25...6 / 0.25...6				0.25...6 / 0.25...6			
Flexible / Flexible with ferrule	mm²		0.25...6 / 0.25...4				0.25...6 / 0.25...4			
Twin wire-end ferrule	mm²		0.5...1.5				0.5...1.5			
Stripping length / Blade size	mm/-		8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note			The voltage depends on the selected fuse element or the selected indicator light.				The voltage depends on the selected fuse element or the selected indicator light.			

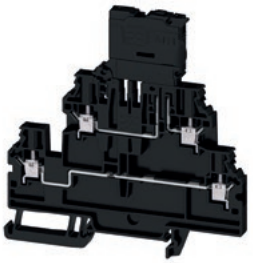
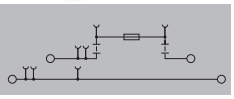
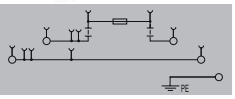
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT DB	50	**2893850000**	W2T 4 FS-FT BL	50	**2893860000**
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V DB	50	**2893880000**	W2T 4 FS-FT 10-36V BL	50	**2893890000**
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V DB	50	**2893910000**	W2T 4 FS-FT 30-70V BL	50	**2893920000**
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V DB	50	**2893940000**	W2T 4 FS-FT 60-150V BL	50	**2893950000**
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V DB	50	**2893970000**	W2T 4 FS-FT 100-250V BL	50	**2893980000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2T 4		20	**2894240000**	WEP 2T 4		20	**2894240000**
blue	WEP 2T 4 BL		20	**2894250000**	WEP 2T 4 BL		20	**2894250000**
Black	WEP 2T 4 BK		20	**2894260000**	WEP 2T 4 BK		20	**2894260000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2T 4 FS-FT BK	4 mm²	W2T 4 FS-FT BK STB	4 mm²
				
Width/Height/Depth mm	6.1 x 95.5 x 99.5		6.1 x 95.5 x 99.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range mm²	**0.25...6**		**0.25...6**	

Technical data

	W2T 4 FS-FT BK	W2T 4 FS-FT BK STB
Rated data	IEC 60947-7-3, IEC 60947-7-1	IEC 60947-7-3, IEC 60947-7-1
Rated voltage V	300	300
Rated current A	10	10
for wire cross-section mm²	AWG 24...12	AWG 24...12
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	IEC 36, UL 6.3, CSA 6.3, EN 60079-7 4	IEC 36, UL 6.3, CSA 6.3, EN 60079-7 4
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.25...6 / 0.25...6	0.25...6 / 0.25...6
Flexible / Flexible with ferrule mm²	0.25...6 / 0.25...4	0.25...6 / 0.25...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note	The voltage depends on the selected fuse element or the selected indicator light.	The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT BK	50	2893870000
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V BK	50	2893900000
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V BK	50	2893930000
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V BK	50	2893960000
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V BK	50	2893990000
Note			

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT BK STB	50	2894000000
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V BK STB	50	2894010000
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V BK STB	50	2894020000
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V BK STB	50	2894030000
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V BK STB	50	2894040000
Note			

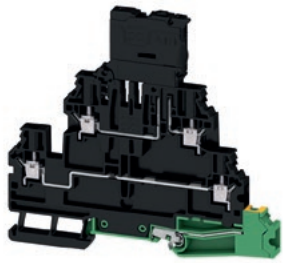
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
dark beige	WEP 2T 4		20	2894240000
blue	WEP 2T 4 BL		20	2894250000
Black	WEP 2T 4 BK		20	2894260000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044

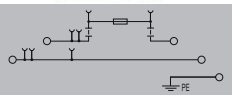
Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BL		20	2894250000
WEP 2T 4 BK		20	2894260000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

W2T 4 FS-FT-PE BK — 4 mm²



6.1 x 106.5 x 99.5
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36		300	
6.3		10	6.3
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

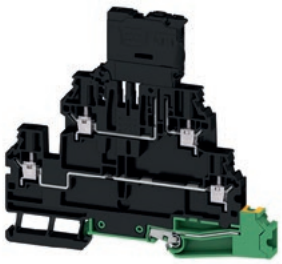
Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

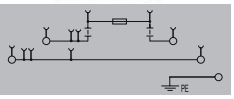
Type	Qty.	Order No.
W2T 4 FS-FT-PE BK	50	2894050000
W2T 4 FS-FT-PE 10-36V BK	50	2894060000
W2T 4 FS-FT-PE 30-70V BK	50	2894070000
W2T 4 FS-FT-PE 60-150V BK	50	2894080000
W2T 4 FS-FT-PE 100-250V BK	50	2894090000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BL		20	2894250000
WEP 2T 4 BK		20	2894260000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2T 4 FS-FT-PE BK STB — 4 mm²



6.1 x 106.5 x 99.5
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36		300	
6.3		10	6.3
4		AWG 24...12	4 mm²
	6 kV / 3		
	A3 / V-0		

Rated connection
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2T 4 FS-FT-PE BK STB	50	2894100000
W2T 4 FS-FT-PE 10-36V BK STB	50	2894110000
W2T 4 FS-FT-PE 30-70V BK STB	50	2894120000
W2T 4 FS-FT-PE 60-150V BK STB	50	2894130000
W2T 4 FS-FT-PE 100-250V BK STB	50	2894140000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2T 4		20	2894240000
WEP 2T 4 BL		20	2894250000
WEP 2T 4 BK		20	2894260000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2T 4 FS-FT-PE BK STB

Type	Order No.
W2T 4 FS-FT-PE BK STB	2894100000

Arrangement	Applications			
	Only short-circuit protection		Overload protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4.0 W / 6.3 A	31 °C	1.6 W / 6.3 A
In combination	32 °C	2.5 W / 6.3 A	34 °C	1.6 W / 6.3 A

	PRV 4 RT	1.5 mm²	PRV 4 WS	1.5 mm²
Width/Height/Depth mm	9.2 x 70 x 54.5		9.2 x 70 x 54.5	
max. current / max. cond. cross-section A/mm²	**13 / 1.5**		**13 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

	PRV 4 RT				PRV 4 WS			
Rated data					IEC 60947-7-1, DIN EN 60079			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	250	300	300		250	300	300	
Rated current A	10	10	10		10	10	10	
for wire cross-section mm²	1.5	16	AWG 26...16		1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity			4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0				/ V-0	
Approvals								
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

Ordering data

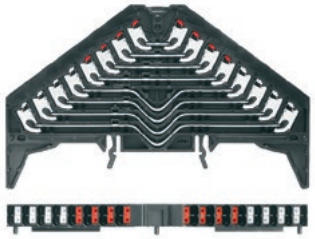
Version	PRV 4 RT			PRV 4 WS		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
black for TS 35x15	PRV 4 SW 35X15 RT	20	**1173810000**	PRV 4 SW 35X15 WS	20	**1173820000**
blue for TS 35x15	PRV 4 BL 35X15 RT	20	**1267890000**	PRV 4 BL 35X15 WS	20	**1173920000**
black for TS 35x7.5	PRV 4 SW 35X7.5 RT	20	**1173830000**	PRV 4 SW 35X7.5 WS	20	**1173840000**
blue for TS 35x7.5	PRV 4 BL 35X7.5 RT	20	**1267900000**	PRV 4 BL 35X7.5 WS	20	**1173930000**
Note						

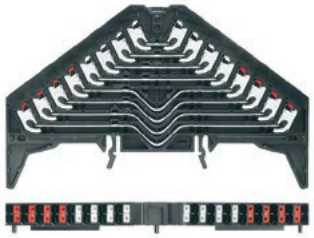
Accessories

	PRV 4 RT			PRV 4 WS		
End plate	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
black	PAP PRV/PPV4 SW	10	**1173750000**	PAP PRV/PPV4 SW	10	**1173750000**
blue	PAP PRV/PPV4 BL	10	**1268010000**	PAP PRV/PPV4 BL	10	**1268010000**
grey	PAP PRV/PPV4 GR	10	**1211450000**	PAP PRV/PPV4 GR	10	**1211450000**
Marker holder						
black for TS 35x15	BZT PRV4 SW 35X15	20	**1173590000**	BZT PRV4 SW 35X15	20	**1173590000**
blue for TS 35x15	BZT PRV4 BL 35X15	20	**1267980000**	BZT PRV4 BL 35X15	20	**1267980000**
black for TS 35x7.5	BZT PRV4 SW 35X7.5	20	**1173600000**	BZT PRV4 SW 35X7.5	20	**1173600000**
blue for TS 35x7.5	BZT PRV4 BL 35X7.5	20	**1267990000**	BZT PRV4 BL 35X7.5	20	**1267990000**
Spacer						
Unprinted	TW PRV4	10	**1173700000**	TW PRV4	10	**1173700000**
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3	10	**1230060000**	TW PRV4 0-3	10	**1230060000**
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4	10	**1230050000**	TW PRV4 1-4	10	**1230050000**
Printed A...D or A...H or A...P	TW PRV4 A-D	10	**1230070000**	TW PRV4 A-D	10	**1230070000**
End bracket						
black	ZEW 35/2 SW	20	**1162610000**	ZEW 35/2 SW	20	**1162610000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection						
2-pole	SRC-I QV P	10	**8870840000**	SRC-I QV P	10	**8870840000**
Marking tags						
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

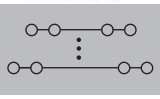
For detailed information on other accessories and application in the online catalogue

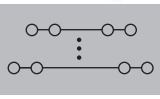
	PRV 8 RT/WS	1.5 mm²	PRV 8 WS/RT	1.5 mm²





Width/Height/Depth	mm	9.2 x 120 x 73	9.2 x 120 x 73
max. current / max. cond. cross-section	A/mm²	**10 / 1.5**	**10 / 1.5**
Max. clamping range	mm²	**0.13...1.5**	**0.13...1.5**





Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Rated current	A	8	10	10	
for wire cross-section	mm²	1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				/ V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Rated current	A	8	10	10	
for wire cross-section	mm²	1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				/ V-0	
Approvals					
Clamped conductors					
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
black for TS 35x15	PRV 8 SW 35X15 RT/WS	20	**1173740000**
blue for TS 35x15	PRV 8 BL 35X15 RT/WS	20	**1267830000**
black for TS 35x7.5	PRV 8 SW 35X7.5 RT/WS	20	**1173790000**
blue for TS 35x7.5	PRV 8 BL 35X7.5 RT/WS	20	**1267840000**
Note			

Version	Type	Qty.	Order No.
black for TS 35x15	PRV 8 SW 35X15 WS/RT	20	**1173780000**
blue for TS 35x15	PRV 8 BL 35X15 WS/RT	20	**1173900000**
black for TS 35x7.5	PRV 8 SW 35X7.5 WS/RT	20	**1173800000**
blue for TS 35x7.5	PRV 8 BL 35X7.5 WS/RT	20	**1173910000**
Note			

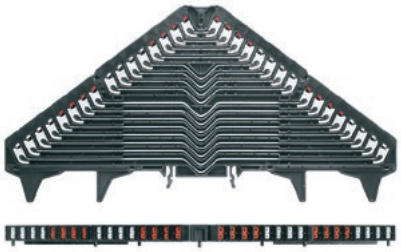
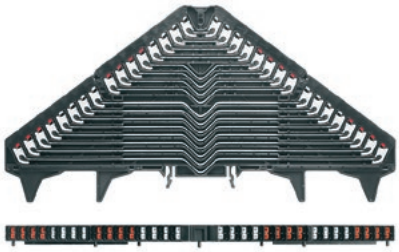
Accessories

	Type	Qty.	Order No.
End plate			
black	PAP PRV/PPV8 SW	10	**1173720000**
blue	PAP PRV/PPV8 BL	10	**1268000000**
grey	PAP PRV/PPV8 GR	10	**1211460000**
Marker holder			
black for TS 35x15	BZT PRV8 SW 35X15	20	**1173570000**
blue for TS 35x15	BZT PRV8 BL 35X15	20	**1267950000**
black for TS 35x7.5	BZT PRV8 SW 35X7.5	20	**1173580000**
blue for TS 35x7.5	BZT PRV8 BL 35X7.5	20	**1267970000**
Spacer			
Unprinted	TW PRV8	10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7	10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8	10	**1230080000**
Printed A...D or A...H or A...P	TW PRV8 A-H	10	**1230110000**
End bracket			
black	ZEW 35/2 SW	20	**1162610000**
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection			
2-pole	SRC-I QV P	10	**8870840000**
Marking tags			
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

	Type	Qty.	Order No.
	PAP PRV/PPV8 SW	10	**1173720000**
	PAP PRV/PPV8 BL	10	**1268000000**
	PAP PRV/PPV8 GR	10	**1211460000**
	BZT PRV8 SW 35X15	20	**1173570000**
	BZT PRV8 BL 35X15	20	**1267950000**
	BZT PRV8 SW 35X7.5	20	**1173580000**
	BZT PRV8 BL 35X7.5	20	**1267970000**
	TW PRV8	10	**1173670000**
	TW PRV8 0-7	10	**1230090000**
	TW PRV8 1-8	10	**1230080000**
	TW PRV8 A-H	10	**1230110000**
	ZEW 35/2 SW	20	**1162610000**
	SDIS SLIM 0.6X3.5X100	1	**2749610000**
	SRC-I QV P	10	**8870840000**
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

For detailed information on other accessories and application in the online catalogue

Signal marshalling
PUSH IN connection

	PRV 16 RT/WS	1.5 mm²	PRV 16 WS/RT	1.5 mm²
				
Width/Height/Depth mm	9.2 x 225 x 113.5		9.2 x 225 x 113.5	
max. current / max. cond. cross-section A/mm²	**11 / 1.5**		**11 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

	PRV 16 RT/WS				PRV 16 WS/RT			
Rated data								
Rated voltage V	IEC 60947-7-1, DIN EN 60079				IEC 60947-7-1, DIN EN 60079			
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	250	300	300		250	300	300	
Rated impulse withstand voltage / Pollution severity	6	1	1		6	1	1	
Gauge to IEC 60947-1 / UL 94 flammability rating	1.5	16	AWG 26...16		1.5	16	AWG 26...16	
Approvals	4 kV / 3				4 kV / 3			
	/ V-0				/ V-0			
	CE cULus UKCA				CE cULus UKCA			
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

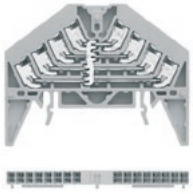
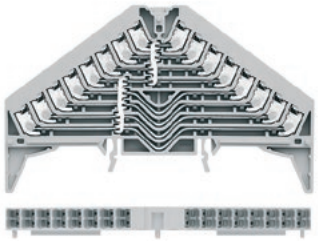
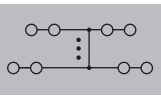
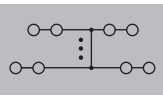
Ordering data

Version	PRV 16 RT/WS			PRV 16 WS/RT		
	Type	Qty.	Order No.	Type	Qty.	Order No.
black for TS 35x15	PRV 16 SW 35X15 RT/WS	20	**1173620000**	PRV 16 SW 35X15 WS/RT	20	**1173650000**
blue for TS 35x15	PRV 16 BL 35X15 RT/WS	20	**1267790000**	PRV 16 BL 35X15 WS/RT	20	**1267800000**
black for TS 35x7.5	PRV 16 SW 35X7.5 RT/WS	20	**1173680000**	PRV 16 SW 35X7.5 WS/RT	20	**1173710000**
blue for TS 35x7.5	PRV 16 BL 35X7.5 RT/WS	20	**1267810000**	PRV 16 BL 35X7.5 WS/RT	20	**1267820000**
Note						

Accessories

	PRV 16 RT/WS			PRV 16 WS/RT		
End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
black						
blue						
grey						
Marker holder						
black for TS 35x15	BZT PRV16 SW 35X15	20	**1173540000**	BZT PRV16 SW 35X15	20	**1173540000**
blue for TS 35x15	BZT PRV16 BL 35X15	20	**1267930000**	BZT PRV16 BL 35X15	20	**1267930000**
black for TS 35x7.5	BZT PRV16 SW 35X7.5	20	**1173550000**	BZT PRV16 SW 35X7.5	20	**1173550000**
blue for TS 35x7.5	BZT PRV16 BL 35X7.5	20	**1267940000**	BZT PRV16 BL 35X7.5	20	**1267940000**
Spacer						
Unprinted	TW PRV16	10	**1173630000**	TW PRV16	10	**1173630000**
Printed 0...3 or 0...7 or 0...15	TW PRV16 0-15	10	**1230130000**	TW PRV16 0-15	10	**1230130000**
Printed 1...4 or 1...8 or 1...16	TW PRV16 1-16	10	**1230120000**	TW PRV16 1-16	10	**1230120000**
Printed A...D or A...H or A...P	TW PRV16 A-P	10	**1230140000**	TW PRV16 A-P	10	**1230140000**
End bracket						
black	WEW 35/1 SW	50	**1162600000**	WEW 35/1 SW	50	**1162600000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection						
2-pole	SRC-I QV P	10	**8870840000**	SRC-I QV P	10	**8870840000**
Marking tags						
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

For detailed information on other accessories and application in the online catalogue

	PPV 4	1.5 mm²	PPV 8	1.5 mm²
				
Width/Height/Depth mm	9.2 x 70 x 54.5		9.2 x 120 x 73	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**17.5 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

	PPV 4				PPV 8			
Rated data								
	IEC 60947-7-1, DIN EN 60079				IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	250	300	300		250	300	300	
Rated current A	17.5	10	10		17.5	10	10	
for wire cross-section mm²	1.5	AWG 26...16	AWG 26...16		1.5	AWG 26...16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity	4 kV / 3				4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0				/ V-0			
Approvals	CE EAC cULus UKCA				CE EAC cULus UKCA			
Clamped conductors								
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

Ordering data

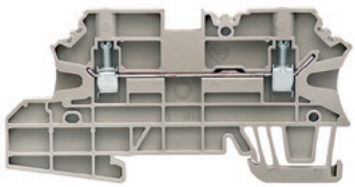
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
blue for TS 35x15	PPV 4 BL 35X15 DGR	20	**1267910000**	PPV 8 BL 35X15 DGR	20	**1267870000**
grey for TS 35x15	PPV 4 GR 35X15 DGR	20	**1173880000**	PPV 8 GR 35X15 DGR	20	**1173850000**
orange for TS 35x15	PPV 4 OR 35X15 DGR	20	**1301610000**	PPV 8 OR 35X15 DGR	20	**1301620000**
blue for TS 35x7.5	PPV 4 BL 35X7.5 DGR	20	**1267920000**	PPV 8 BL 35X7.5 DGR	20	**1267880000**
grey for TS 35x7.5	PPV 4 GR 35X7.5 DGR	20	**1173890000**	PPV 8 GR 35X7.5 DGR	20	**1173870000**
orange for TS 35x7.5	PPV 4 OR 35X7.5 DGR	20	**1301630000**	PPV 8 OR 35X7.5 DGR	20	**1301640000**
Note						

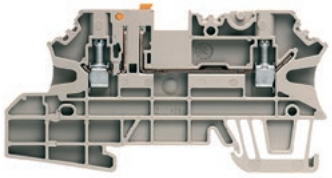
Accessories

End plate						
black	PAP PRV/PPV4 SW	10	**1173750000**	PAP PRV/PPV8 SW	10	**1173720000**
blue	PAP PRV/PPV4 BL	10	**1268010000**	PAP PRV/PPV8 BL	10	**1268000000**
grey	PAP PRV/PPV4 GR	10	**1211450000**	PAP PRV/PPV8 GR	10	**1211460000**
Marker holder						
black for TS 35x15	BZT PRV4 SW 35X15	20	**1173590000**	BZT PRV8 SW 35X15	20	**1173570000**
blue for TS 35x15	BZT PRV4 BL 35X15	20	**1267980000**	BZT PRV8 BL 35X15	20	**1267950000**
black for TS 35x7.5	BZT PRV4 SW 35X7.5	20	**1173600000**	BZT PRV8 SW 35X7.5	20	**1173580000**
blue for TS 35x7.5	BZT PRV4 BL 35X7.5	20	**1267990000**	BZT PRV8 BL 35X7.5	20	**1267970000**
Spacer						
Unprinted	TW PRV4	10	**1173700000**	TW PRV8	10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3	10	**1230060000**	TW PRV8 0-7	10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4	10	**1230050000**	TW PRV8 1-8	10	**1230080000**
Printed A...D or A...H or A...P	TW PRV4 A-D	10	**1230070000**	TW PRV8 A-H	10	**1230110000**
End bracket						
black	ZEW 35/2 SW	20	**1162610000**	ZEW 35/2 SW	20	**1162610000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection						
2-pole	SRC-I QV P	10	**8870840000**	SRC-I QV P	10	**8870840000**
Marking tags						
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

For detailed information on other accessories and application in the online catalogue

	WMF 2.5	2.5 mm²	WMF 2.5 DI	2.5 mm²





Width/Height/Depth	mm	5.08 x 88 x 44.5
max. current / max. cond. cross-section	A	**32 / 4**
Max. clamping range	mm²	**0.5...4**

5.08 x 88 x 44.5	
20 / 4	
0.5...4	

Technical data

Rated data				
Rated voltage	V	IEC 60947-7-1		
Rated current	A			
for wire cross-section	mm²			
Rated impulse withstand voltage / Pollution severity				
Gauge to IEC 60947-1 / UL 94 flammability rating				
Approvals				
Clamped conductors				
Solid / Stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Tightening torque / Clamping screw	Nm			
Stripping length / Blade size	mm/-			
Note				

WMF 2.5			
IEC 60947-7-1		Ex ec II C Gcll 3 G	
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	500
24	20	26	23
2.5	AWG 26...12	AWG 26...12	2.5 mm²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...0.6 / (M 3)			
10 / 0.6 x 3.5 mm			

WMF 2.5 DI			
Ex ec II C Gcll 3 G			
IEC	**UL**	**CSA**	**EN 60079-7**
500	600	300	500
20	19	19	18.5
2.5	AWG 26...12	AWG 26...12	2.5 mm²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...0.6 / (M 3)			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WMF 2.5	50	**1143070000**
WMF 2.5 BL	50	**1270040000**

Type	Qty.	Order No.
WMF 2.5 DI	50	**1143020000**
WMF 2.5 DI BL	50	**1270070000**

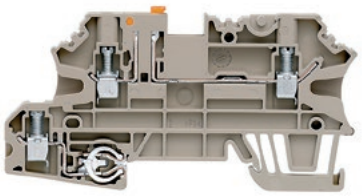
Accessories

Plug-in cross-connection				
	2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
	10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate					
	dark beige	AP WMF2.5		50	**1142990000**
End bracket					
	dark beige, screwable				
	dark beige	WEW 35/2		50	**1061200000**
Screwdriver					
	Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm					
	400 V AC/DC, without LED				
	10 - 36 V AC/DC, red LED				
	140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)					
	without fittings				
	with wire jumper				
	With 1N4007 diode				
Disconnect plug					
	removable, as replacement for release lever				
Marking tags					
		DEK 5/5 MC NE WS		1000	**1609801044**
		WS 10/5 M MC NE WS		720	**1792000000**

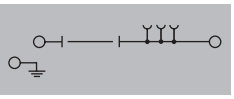
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AP WMF2.5		50	**1142990000**
WEW 35/2		50	**1061200000**
SDS 0.6X3.5X100		1	**2749340000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
FUCR SW		10	**1167630000**
FUCR 10-36V SW		10	**1167640000**
FUCR 100-250V SW		10	**1167680000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**

For detailed information on other accessories and application in the online catalogue

WMF 2.5 DI PE — 2.5 mm²



Width/Height/Depth	mm	5.08 x 88 x 44.5
max. current / max. cond. cross-section	A	**20 / 4**
Max. clamping range	mm²	**0.5...4**



Technical data

Ex ec II C Gcll 3 G

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500	600	600	500
Rated current (A)	20	19	19	18.5
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors				
Solid / Stranded (mm²)		0.5...4 / 1.5...4		
Flexible / Flexible with ferrule (mm²)		0.5...4 / 0.5...2.5		
Tightening torque / Clamping screw (Nm)		0.5...0.6 / (M 3)		
Stripping length / Blade size (mm/-)		10 / 0.6 x 3.5 mm		
Note				

Ordering data

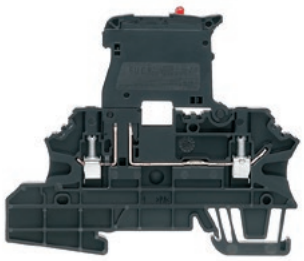
Version	Type	Qty.	Order No.
dark beige	WMF 2.5 DI PE	50	**1143030000**
Blue	WMF 2.5 DI PE BL	50	**1270080000**
Note			

Accessories

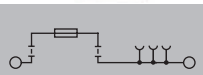
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	AP WMF2.5		50	**1142990000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
dark beige				
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
	FUCR SW		10	**1167630000**
	FUCR 10-36V SW		10	**1167640000**
	FUCR 100-250V SW		10	**1167680000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

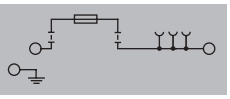
For detailed information on other accessories and application in the online catalogue

	WMF 2.5 FU	2.5 mm²	WMF 2.5 FU PE	2.5 mm²



Width/Height/Depth	mm	5.08 x 88 x 74	5.08 x 88 x 74
max. current / max. cond. cross-section	A	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**	**0.5...4**





Technical data

Rated data						
Rated voltage	V	IEC 60947-7-3		Ex ec II C GcII 3 G		
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	mm²	36	600	600		
Rated impulse withstand voltage / Pollution severity		6.3	17	17	6.3	
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 26...12	AWG 26...12	4 mm²	
Approvals			8 kV / 3			
Clamped conductors			A3 / V-0			
Solid / Stranded	mm²					
Flexible / Flexible with ferrule	mm²	**Rated connection**				
Tightening torque / Clamping screw	Nm	0.5...4 / 1.5...4				
Stripping length / Blade size	mm/-	0.5...4 / 0.5...2.5				
		0.5...0.6 / (M 3)				
		10 / 0.6 x 3.5 mm				
Note						

		IEC 60947-7-3		Ex ec II C GcII 3 G		
		IEC	**UL**	**CSA**	**EN 60079-7**	
		36	600	600		
		6.3	17	17	6.3	
		2.5	AWG 26...12	AWG 26...12	4 mm²	
			8 kV / 3			
			A3 / V-0			
		Rated connection				
		0.5...4 / 1.5...4				
		0.5...4 / 0.5...2.5				
		0.5...0.6 / (M 3)				
		10 / 0.6 x 3.5 mm				

Ordering data

Version	Type	Qty.	Order No.
Black	WMF 2.5 FU SW	50	**1162920000**
10–36 V AC/DC, with LED	WMF 2.5 FU 10-36V SW	50	**1162930000**
30–70 V AC/DC, with LED	WMF 2.5 FU 30-70V SW	50	**1162940000**
60–150 V AC/DC, with LED	WMF 2.5 FU 60-150V SW	50	**1162950000**
100 – 250 V AC/DC, with LED	WMF 2.5 FU 100-250V SW	50	**1162960000**
Note	The WMF FU terminals may not be aligned directly under one another.		

Type	Qty.	Order No.
WMF 2.5 FU PE SW	50	**1163040000**
WMF 2.5 FU PE 10-36V SW	50	**1163050000**
WMF 2.5 FU PE 30-70V SW	50	**1163060000**
WMF 2.5 FU PE 60-150V SW	50	**1163070000**
WMF 2.5 FU PE 100-250V SW	50	**1163080000**
The WMF FU terminals may not be aligned directly under one another.		

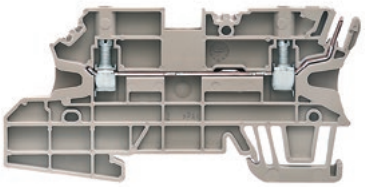
Accessories

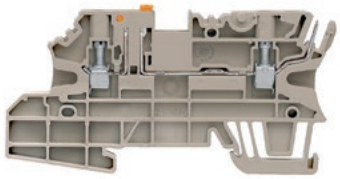
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	AP WMF2.5		50	**1142990000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
	FUCR SW		10	**1167630000**
	FUCR 10-36V SW		10	**1167640000**
	FUCR 100-250V SW		10	**1167680000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AP WMF2.5		50	**1142990000**
WEW 35/2		50	**1061200000**
SDS 0.6X3.5X100		1	**2749340000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
FUCR SW		10	**1167630000**
FUCR 10-36V SW		10	**1167640000**
FUCR 100-250V SW		10	**1167680000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST	20 A	50	**1833090000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

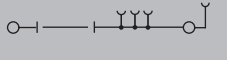
For detailed information on other accessories and application in the online catalogue

	WMF 2.5 BLZ	2.5 mm²	WMF 2.5 DI BLZ	2.5 mm²





Width/Height/Depth	mm	5.08 x 90 x 44.5	5.08 x 90 x 44.5
max. current / max. cond. cross-section	A	32 / 4	20 / 4
Max. clamping range	mm²	0.5...4	0.5...4



Technical data

	IEC	UL	CSA	EN 60079-7
Rated data				
Rated voltage	250	300	300	
Rated current	24	20	26	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

IEC 61984, In accordance with IEC 60947-7-1

IEC 61984, In accordance with IEC 60947-7-1

Clamped conductors		
Solid / Stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	Nm	0.5...0.6 Nm / (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

Note	With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

Version	
dark beige	

Type	Qty.	Order No.
WMF 2.5 BLZ	50	1143050000

Type	Qty.	Order No.
WMF 2.5 DI BLZ	50	1143000000

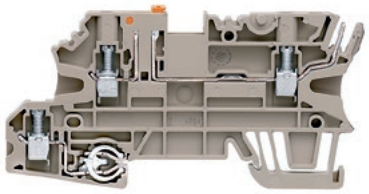
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED				
10 - 36 V AC/DC, red LED				
140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)				
without fittings				
with wire jumper				
With 1N4007 diode				
Disconnect plug				
removable, as replacement for release lever				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 M MC NE WS		720	1792000000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

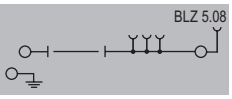
For detailed information on other accessories and application in the online catalogue

WMF 2.5 DI BLZ PE — 2.5 mm²



Width/Height/Depth	5.08 x 90 x 44.5 mm
max. current / max. cond. cross-section	20 / 4 A
Max. clamping range	0.5...4 mm²

BLZ 5.08



IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	20	19	19	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors	Rated connection
Solid / Stranded	0.5...4 / 1.5...4 mm²
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5 mm²
Tightening torque / Clamping screw	0.5...0.6 Nm / (M 3) Nm
Stripping length / Blade size	10 / 0.6 x 3.5 mm mm/-

Note

With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

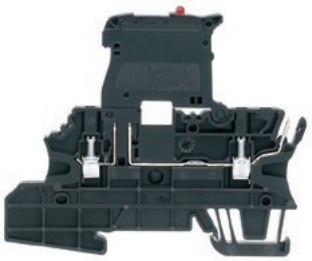
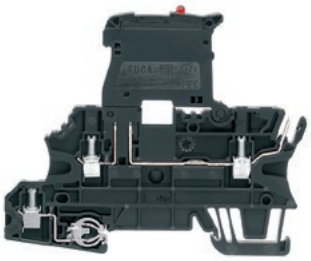
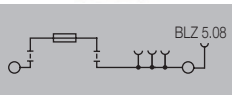
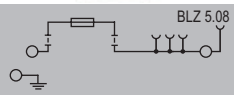
Version	Type	Qty.	Order No.
dark beige	WMF 2.5 DI BLZ PE	50	1143010000

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Screwdriver				
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

	WMF 2.5 FU BLZ	2.5 mm²	WMF 2.5 FU BLZ PE	2.5 mm²
				
Width/Height/Depth mm	5.08 x 90 x 74		5.08 x 90 x 74	
max. current / max. cond. cross-section A	6.3 / 4		6.3 / 4	
Max. clamping range mm²	0.5...4		0.5...4	

Technical data

	WMF 2.5 FU BLZ	WMF 2.5 FU BLZ PE
Rated data		
Rated voltage V	IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3	IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-7-3
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque / Clamping screw Nm		
Stripping length / Blade size mm/-		
Note		

IEC	UL	CSA	EN 60079-7
36	300	300	
6.3	17	17	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

Rated connection	Rated connection
0.5...4 / 1.5...4	0.5...4 / 1.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)	0.5...0.6 / (M 3)
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Ordering data

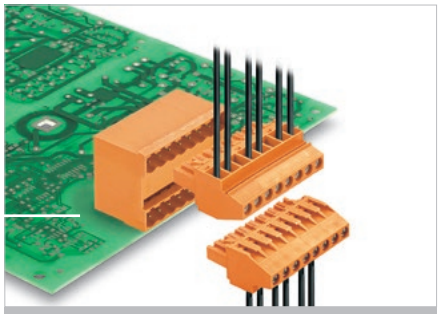
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Black	WMF 2.5 FU BLZ SW	50	1162980000	WMF 2.5 FU BLZ PE SW	50	1162820000
10–36 V AC/DC, with LED	WMF 2.5 FU BLZ 10-36V SW	50	1162990000	WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
30–70 V AC/DC, with LED	WMF 2.5 FU BLZ 30-70V SW	50	1163000000			
60–150 V AC/DC, with LED	WMF 2.5 FU BLZ 60-150V SW	50	1163010000			
100 – 250 V AC/DC, with LED	WMF 2.5 FU BLZ 100-250V SW	50	1163020000	WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate								
dark beige	AP WMF2.5		50	1142990000	AP WMF2.5		50	1142990000
End bracket								
dark beige, screwable	WEW 35/1		50	1059000000	WEW 35/1		50	1059000000
Screwdriver								
Screwdriver PH2	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)								
without fittings	BEST		50	1833100000	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000	BEST/D	1 A	50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST	20 A	50	1833090000	TNST	20 A	50	1833090000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

BLZP 5.08HC/../90



The BLZP is the functional extension of the BLZ series. The "P" in the part name stands for a plus in security and performance in processing and use.

- WIRE READY – delivered with terminal points already opened
- Power tools can be used with the globally compatible plus/minus screw head
- Folded steel clamping yoke accommodates the connected wire and compensates for temperature fluctuations
- The integrated wire guard prevents dangerous under-insertion of the wire from occurring.
- Lock and release-lever: tool-less locking and gentle releasing of the connector reduces the mechanical stress one the solder joints.

Product data

IEC: 400 V / 23 A / 0.2 - 4 mm²
UL: 300 V / 20 A / AWG 26 - 12

72h

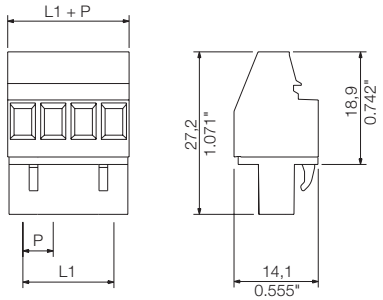
For additional articles and information, refer to eshop.weidmueller.com

Note:

- Additional variants on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
- Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

BLZP 5.08HC/../90

Dimensioned drawing



Technical data

In compliance with IEC 60664-1 / IEC 61984				
Clamping range, max.	mm²	0.13...4		
Solid core H05(07) V-U	**mm²**	**0.2...4**		
Stranded H07 V-R				
Flexible H05(07) V-K	mm²	0.2...4		
Flexible with ferrule	mm²	0.2...4		
Ferrule with plastic collar	mm²	0.2...2.5		
Stripping length	mm	7		
Screwdriver blade	mm	0.6 x 3.5, PH 1, PZ 1		
According to norm				
Tightening torque range				
Rated current, max.	**A**	**23**		**21**
At ambient temperature		20°C		40°C
For conductor cross-section	mm²	4		
Overvoltage category		III	III	II
Pollution severity		3	2	2
Rated voltage	**V**	**250**	**320**	**400**
Rated impulse voltage	kV	4	4	4
UL / CUL (Use Group)		**B**	**C**	**D**
Rated voltage	**V**	**300**		**300**
Rated current	**A**	**20**		**10**
AWG conductor	**AWG**		**26-12**	
CSA (Use Group)		**B**	**C**	**D**
Rated voltage	V	300	50	300
Rated current	A	20		20
AWG conductor	AWG		30-12	
General data				
Type of insulation material			PBT	
UL 94 flammability rating			V-0	
Contact base material			Cu-alloy	
Material of contact surface			tinned	
Pin dimensions = d	mm			
Solder eyelet Ø = D				
Solder eyelet Ø tolerance	mm			

Accessories

Note: Refer to the Accessories chapter for additional accessories.

Coding		Order No.
	BLZ/SL KO OR BX	1573010000
	BLZ/SL KO BK BX	1545710000
Screwdriver		
	SDS 0.6X3.5X100	2749340000
	SDIS 0.6X3.5X100	2749810000
	SDK PH1 X 80	2749410000
	SDK PZ1 X 80	2749440000

Ordering data

Solder pin length

Colour orange

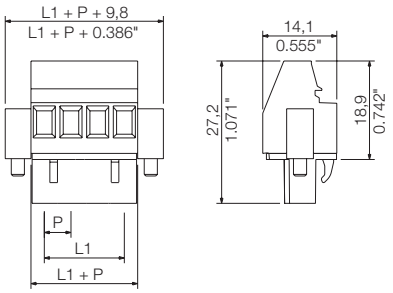
Pitch 5.08 mm

Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	180	1948000000
3	10.16	0.400	120	1948010000
4	15.24	0.600	90	1948020000
5	20.32	0.800	72	1948030000
6	25.40	1.000	60	1948040000
7	30.48	1.200	48	1948050000
8	35.56	1.400	42	1948060000
9	40.64	1.600	36	1948070000
10	45.72	1.800	36	1948080000
11	50.80	2.000	30	1948100000
12	55.88	2.200	30	1948110000

Representative deratings curve

BLZP 5.08HC/../90F

Dimensioned drawing



Ordering data

Solder pin length				
Colour				orange
Pitch	**5.08 mm**			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	90	1949800000
3	10.16	0.400	72	1949810000
4	15.24	0.600	60	1949820000
5	20.32	0.800	48	1949830000
6	25.40	1.000	42	1949840000
7	30.48	1.200	36	1949850000
8	35.56	1.400	36	1949860000
9	40.64	1.600	30	1949870000
10	45.72	1.800	30	1949880000
11	50.80	2.000	24	1949890000
12	55.88	2.200	24	1949900000

The 2-in-1 contact

Every pluggable connector covers two contact points and thus must meet two different requirements: First, the wire termination and second, the connection between plug and pin header. Referring to the 5.0x pitch series, Weidmüller offers different wire connection technologies, but one platform contact for the male / female connection since years. This well-designed hybride platform contact ensures a constant quality on a very high level.
Hybride means, that we combine metal material featuring different characteristics by welding, in order to devide the contact system into different function zones: Further to the high electric conductance, the current bar is characterized by its hardness, and the tulip contact by its excellent tension properties. The advantage: each function is supported by the most suitable material to reliably and constantly meet the different electrical and mechanical requirements. To put it in a nutshell: Instead of either ... or, it´s even both - perfect for the current,
and perfect for the force.

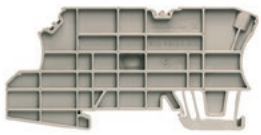
IL WMF 2.5 BLZ OR

Ordering data	Type	Qty.	Order No.
	IL WMF2.5 BLZ OR	50	1167440000
Note			

WAD WMF 2.5

Ordering data	Type	Qty.	Order No.
	WAD WMF2.5	50	1142970000
Note			

WBB WMF 2.5 BLZ



Ordering data	Type	Qty.	Order No.
	WBB WMF2.5 BLZ	10	1142980000
Note			

AP WMF 2.5

Ordering data	Type	Qty.	Order No.
	AP WMF2.5	50	1142990000
Note			

FUCR SW

Ordering data	Type	Qty.	Order No.
	FUCR 10-36V SW	10	1167640000
Note			

Support plates and end plates

PAP PRV/PPV4

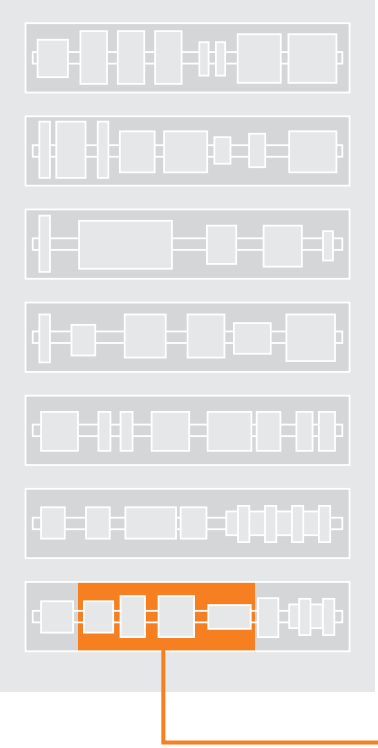
Ordering data	Type	Qty.	Order No.
Blue	PAP PRV/PPV4 BL	10	1268010000
grey	PAP PRV/PPV4 GR	10	1211450000
Black	PAP PRV/PPV4 SW	10	1173750000
Note			

PAP PRV/PPV8

Type	Qty.	Order No.
PAP PRV/PPV8 GR	10	1211460000
PAP PRV/PPV8 SW	10	1173720000

Compact planning, structured wiring

Klippon® Connect makes your installation wiring more effective



Installation wiring poses particular challenges in terms of the design of terminal blocks. The solutions need to be both economical and compact. Simple handling and clarity also need to be guaranteed. Installation distribution and small distributors offer little space for wiring. Our terminal blocks for building installations meet all requirements here. For example, the PUSH IN technology allows a particularly compact design while retaining its clarity, thus enabling simple and safe wiring of your building infrastructure.

Our promise

Our terminal blocks open up added-value options when it comes to wiring your building infrastructure. Thanks to the wide product range and the comfortable handling of the PUSH IN terminal blocks, Klippon® Connect helps improve flexibility and efficiency even from the planning phase.

Our range

The right solution for every requirement:

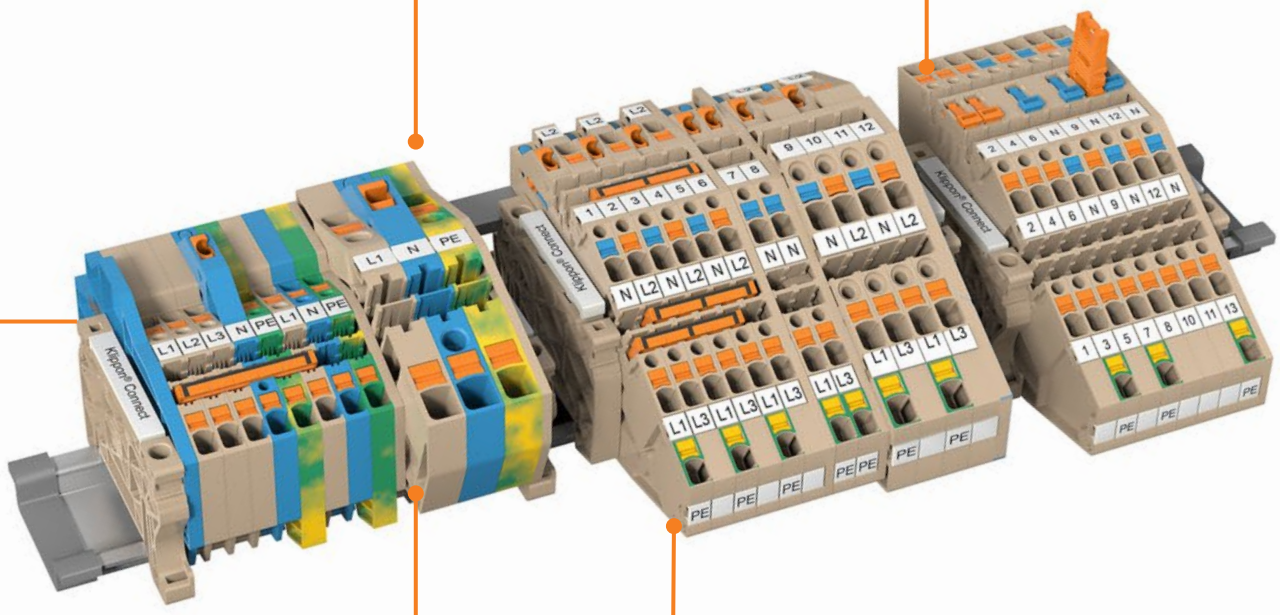
For building installation, we offer a perfectly tailored overall system based on 10×3 copper rails. These consist of installation, distribution and neutral conductor terminals in various connection technologies and an extensive range of accessories.

More effective wiring with PUSH IN:

Our PUSH IN terminal blocks for building and plant installation are impressively easy to handle and very flexible. This comprehensive range covers all the important terminal block functions and offers you significant benefits in all processes. You will benefit from reduced installation times, as well as increased performance data and clarity, thanks to the compact design.

Time saving
- Simple configuration and ordering of terminal strips using the Weidmüller Configurator
- More flexibility: it is simple to replace the PDL PUSH IN terminal blocks in the group
- Innovative screwless N-slider

Space saving
- Really compact design of PUSH IN terminal blocks
- Neutral busbars for all terminals at the same level
- Double cross-connection channel despite compact design



Safety
- Quick and safe: protection against accidental actuation
- PE contact foot with automatic contacting via terminal rail
- Single power circuit separation acc. to VDE 0100/718
- In complianced with VDE 0100/0810 wiring and connection requirements for distribution systems in public buildings

Flexibility
- 3-phase cross-connection system with L1, L2 and L3 potentials within a terminal strip
- High current-carrying capacity despite compact size
- Thanks to the disconnector slider, insulation can be tested without disconnecting the neutral connector

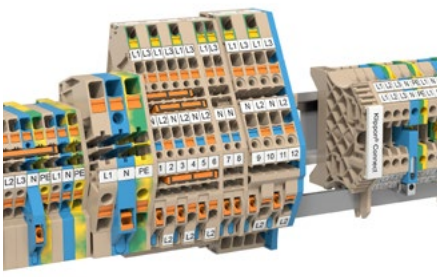
Klippon® Connect AITB building installation wiring terminal blocks

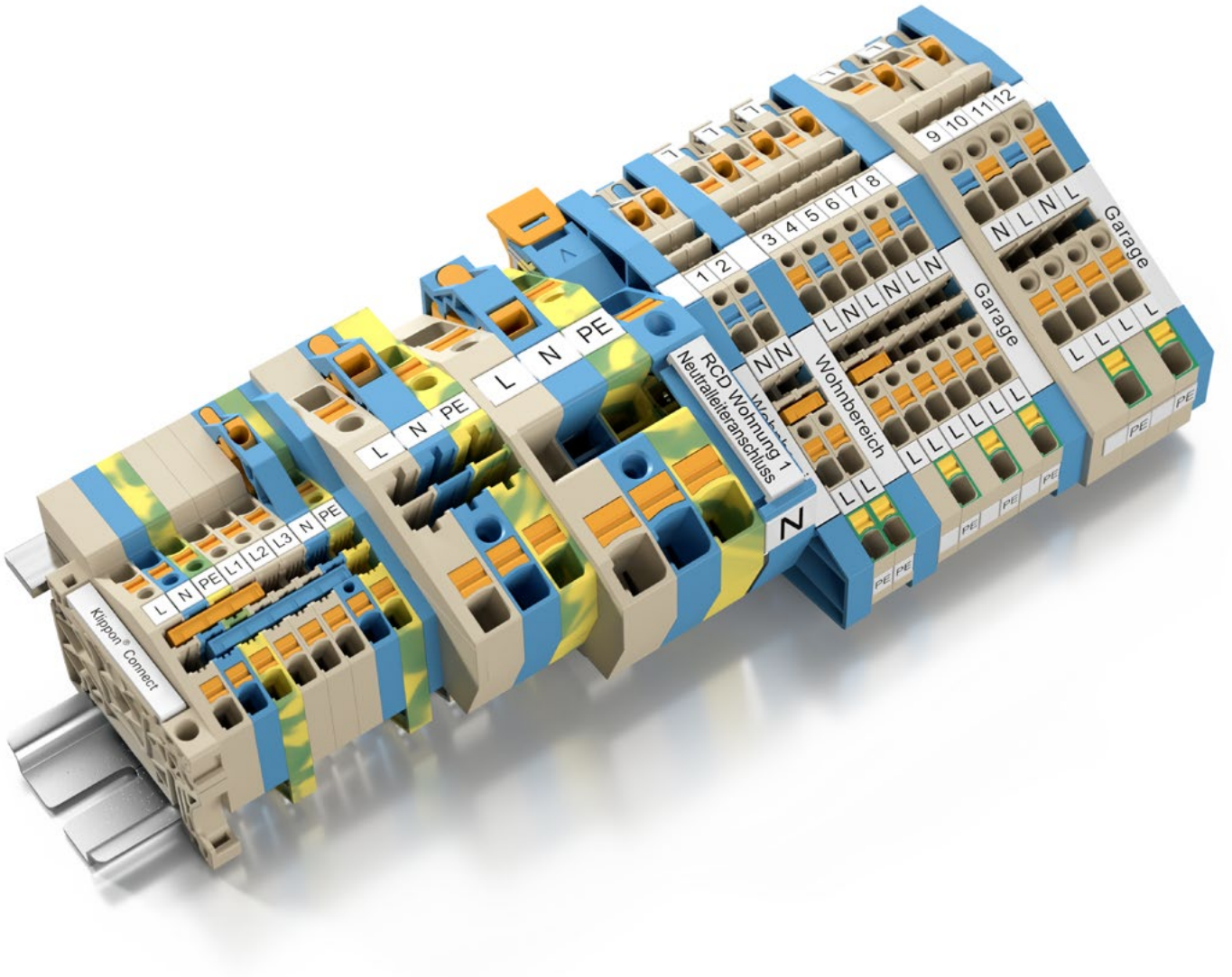
Get real added value for your building installations

A large number of standards and regulations govern the building industry. As a result, high safety standards must be met for electrical installations. These standards also apply to a wide range of components that have to be integrated into complex control cabinets in a confined space.

Our new AITB modular terminal block system was specially developed to meet the specific requirements and safety regulations for wiring in building installations. Special features of the series ensure real added value in planning, installation and operation on site.

Combination of different connection techniques
A uniform busbar position enables the combination of different terminal block products and connection technologies in one complete system. For large cross-sections – e.g. N conductors – the side screw terminal connection is available. Terminal blocks with convenient PUSH IN connection technology are used to collect and distribute potentials.

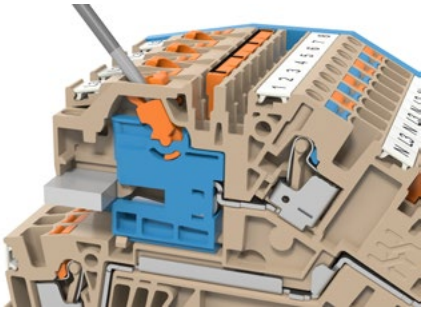


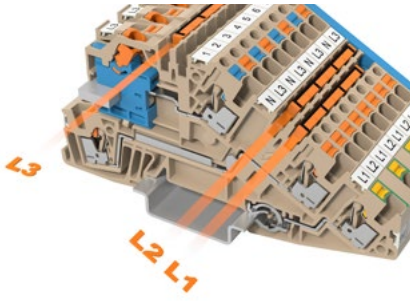


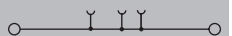
Safe disconnection of the neutral conductor
The neutral conductor can be separated from the busbar quickly and easily with a screwdriver. A clearly visible status display indicates the current contact position of the disconnecting slide. This reliably prevents operating errors.

Digital assembly in the WMC
In the Weidmüller Configurator (WMC) you can digitally plan, assemble, and directly order complete terminal rails – including accessories. You can also create complete parts lists and installation instructions for production. In this way, failures can be avoided and costs can be saved.

Flexible cross-connection options
The continuous cross-connection channels of our modular terminal blocks AITB increase flexibility and save wiring time. Structures in the 400 V three-phase system can be cross-connected easily and conveniently with the phase conductors L1, L2, and L3.





	AITB 2.5 BB 2C	2.5 mm²	AITB 6 BB 2C	6 mm²
Width/Height/Depth mm	5.1 x 63.8 x 43.6		8.1 x 76.6 x 52.9	
Rated current / max. cond. cross-section A/mm²	**24 / 4**		**41 / 10**	
Max. clamping range mm²	**0.14...4**		**0.34...10**	

Technical data

Rated data						
Rated voltage	V	IEC 60947-7-1				
Rated current	A	IEC	UL	CSA	EN 60079-7	
for wire cross-section	mm²	800				
Rated impulse withstand voltage / Pollution severity		24				
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5				
Approvals				8 kV / 3		
				A3 / V-0		
		CE UKCA				
Clamped conductors		**Rated connection**				
Solid / Stranded	mm²	0.5...4 / 0.5...4				
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				
Twin wire-end ferrule	mm²	0.5...0.75				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Note						

Rated data						
Rated voltage	V	IEC 60947-7-1				
Rated current	A	IEC	UL	CSA	EN 60079-7	
for wire cross-section	mm²	800				
Rated impulse withstand voltage / Pollution severity		41				
Gauge to IEC 60947-1 / UL 94 flammability rating		6				
Approvals				8 kV / 3		
				A5 / V-0		
		CE UKCA				
Clamped conductors		**Rated connection**				
Solid / Stranded	mm²	0.5...10 / 0.5...10				
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6				
Twin wire-end ferrule	mm²	0.5...1.5				
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm				
Note						

Ordering data

Version		Type		Qty.	Order No.
	dark beige	AITB 2.5 BB 2C		50	**2668660000**
	Blue	AITB 2.5 BB 2C BL		50	**2668670000**
Note					

Type		Qty.	Order No.
AITB 6 BB 2C		50	**2668700000**
AITB 6 BB 2C BL		50	**2668710000**

Accessories

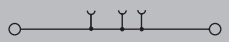
Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
	3-pole	ZQV 2.5N/3	24 A	60	**1527570000**
	4-pole	ZQV 2.5N/4	24 A	60	**1527590000**
	10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
	2-pole				
	2-pole				
End plate					
	dark beige	AEP ITB 2.5 BB 2C		20	**2668780000**
	blue	AEP ITB 2.5 BB 2C BL		20	**2668790000**
Support bracket for 10 x 3 (required every 20 cm)					
	blue	APP ITB 2.5 BB 2C/NDT BL		20	**2668870000**
End bracket					
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
	blue	AEB ITB 2.5/4 BB BL		25	**2690440000**
	blue	AEB ITB 16 BB BL		20	**2669130000**
Test adapter					
	1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
	3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
	5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug					
		PS 2.0 MC		20	**0310000000**
Screwdriver					
	Standard	SDIL 0,6X3,5X100		1	**2749140000**
Busbar 10 x 3 (140 A)					
		SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Marking tags					
		DEK 5/5 PLUS MC NE WS		1000	**1854490000**
		DEK 5/5 MM WS		800	**2007110000**
For detailed information on other accessories and application in the online catalogue					

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
AEP ITB 6 BB 2C		20	**2668810000**
AEP ITB 6 BB 2C BL		20	**2668820000**
APP ITB 6 BB 2C/NDT BL		20	**2668880000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/8 MC NE WS		800	**1856740000**

AITB 16 BB 2C

16 mm²

10 x 84.6 x 52.9
76 / 16
0.5...16



IEC 60947-7-1

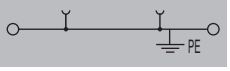
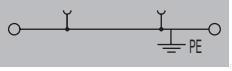
IEC	UL	CSA	EN 60079-7
800			
76			
16			
	8 kV / 3		
	A6 / V-0		

CE

Rated connection
0.5...16 / 10...16
0.5...16 / 0.5...10
0.75...6
18 / 1.0 x 5.5 mm

Type		Qty.	Order No.
AITB 16 BB 2C		20	**2668740000**
AITB 16 BB 2C BL		20	**2668750000**

Type		Qty.	Order No.
ZQV 10N/2	57 A	25	**2497250000**
AEP ITB 16 BB 2C		20	**2668840000**
AEP ITB 16 BB 2C BL		20	**2668850000**
APP ITB 16 BB 2C/NDT BL		20	**2668890000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
WS-A 8/10 MM WS		350	**2619890000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	AITB 2.5 BB 2C PE	2.5 mm²	AITB 6 BB 2C PE	6 mm²
Width/Height/Depth mm	5.1 x 63.8 x 43.6		8.1 x 76.6 x 52.9	
Rated current / max. cond. cross-section -/mm²	/ 4		/ 10	
Max. clamping range mm²	0.14...4		0.34...10	

Technical data

	AITB 2.5 BB 2C PE	AITB 6 BB 2C PE
Rated data		
Rated voltage to adjoining terminal V	800	800
Rated current -		
for wire cross-section mm²	2.5	6
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A5 / V-0
Approvals	CE UKCA	CE UKCA
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...10 / 0.5...6
Twin wire-end ferrule mm²	0.5...0.75	0.5...1.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	12 / 1.0 x 5.5 mm
Note		

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
AITB 2.5 BB 2C PE			
AITB 6 BB 2C PE			

Ordering data

Version	Type	Qty.	Order No.
green/yellow	AITB 2.5 BB 2C PE	50	2668680000
	AITB 6 BB 2C PE	50	2668720000
Note			

Accessories

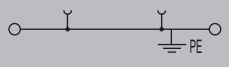
	Type		Qty.	Order No.
End plate				
dark beige	AEP ITB 2.5 BB 2C		20	2668780000
	AEP ITB 6 BB 2C		20	2668810000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB 2C/NDT BL		20	2668870000
	APP ITB 6 BB 2C/NDT BL		20	2668880000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
	ATPG 6 MI-R	0.2 A	50	1991930000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
	SDIL 1,0X5,5X125		1	2749160000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	DEK 5/8 MC NE WS		800	1856740000

For detailed information on other accessories and application in the online catalogue

AITB 16 BB 2C PE

16 mm²

10 x 84.6 x 52.9
/ 16
0.5...16



IEC 60947-7-2

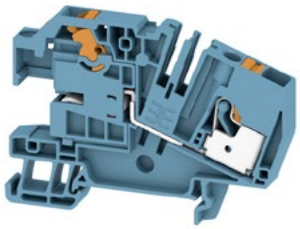
IEC	UL	CSA	EN 60079-7
800			
16			
	8 kV / 3		
	A6 / V-0		

CE

Rated connection
0.5...16 / 10...16
0.5...16 / 0.5...10
0.75...6
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB 2C PE	20	**2668760000**

Type		Qty.	Order No.
AEP ITB 16 BB 2C		20	**2668840000**
APP ITB 16 BB 2C/NDT BL		20	**2668890000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
WS-A 8/10 MM WS		350	**2619890000**
WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	AITB 2.5 BB NDT BL	2.5 mm²	AITB 6 BB NDT BL	6 mm²
				
Width/Height/Depth mm	5.1 x 63.8 x 50		8.1 x 76.6 x 52.9	
Rated current / max. cond. cross-section A/mm²	**24 / 4**		**41 / 10**	
Max. clamping range mm²	**0.14...4**		**0.34...10**	

Technical data

Rated data					In accordance with IEC 60947-7-1
	IEC	UL	CSA	EN 60079-7	
Rated voltage V	250				250
Rated current A	24				41
for wire cross-section mm²	2.5				6
Rated impulse withstand voltage / Pollution severity			4 kV / 3		4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		A5 / V-0
Approvals	CE UKCA				CE UKCA
Clamped conductors	**Rated connection**				**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4				0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5				0.5...10 / 0.5...6
Twin wire-end ferrule mm²	0.5...0.75				0.5...1.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				12 / 1.0 x 5.5 mm
Note					

Ordering data

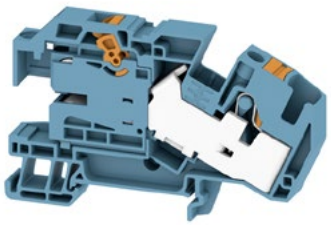
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Blue	AITB 2.5 BB NDT BL	50	**2668690000**	AITB 6 BB NDT BL	50	**2668730000**
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	**1527740000**	ZQV 6N/2 BL	41 A	60	**1985830000**
3-pole / blue	ZQV 2.5N/3 BL	24 A	60	**1527770000**				
4-pole / blue	ZQV 2.5N/4 BL	24 A	60	**1527780000**				
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	**1527880000**				
2-pole								
End plate								
blue	AEP ITB 2.5 BB NDT BL		20	**2668800000**	AEP ITB 6 BB NDT BL		20	**2668830000**
Support bracket for 10 x 3 (required every 20 cm)								
blue	APP ITB 2.5 BB 2C/NDT BL		20	**2668870000**	APP ITB 6 BB 2C/NDT BL		20	**2668880000**
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
blue	AEB ITB 2.5/4 BB BL		25	**2690440000**	AEB ITB 2.5/4 BB BL		25	**2690440000**
blue	AEB ITB 16 BB BL		20	**2669130000**	AEB ITB 16 BB BL		20	**2669130000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 6 MI-R	0.2 A	50	**1991930000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**				
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**				
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 1,0X5,5X125		1	**2749160000**
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/8 MC NE WS		800	**1856740000**
	DEK 5/5 MM WS		800	**2007110000**				

For detailed information on other accessories and application in the online catalogue

AITB 16 BB NDT BL — 16 mm²



10 x 84.6 x 52.9
76 / 16
0.5...16

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
76			
16			
	4 kV / 3		
	A6 / V-0		

CE

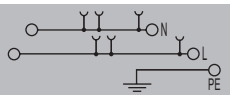
Rated connection
0.5...16 / 10...16
0.5...16 / 0.5...10
0.75...6
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB NDT BL	20	**2668770000**

Type		Qty.	Order No.
ZQV 10N/2	57 A	25	**2497250000**
AEP ITB 16 BB NDT BL		20	**2668860000**
APP ITB 16 BB 2C/NDT BL		20	**2668890000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
WS-A 8/10 MM WS		350	**2619890000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	AITB 2.5 BB L	2.5 mm²	AITB 2.5 BB N-L-PE	2.5 mm²

Width/Height/Depth	mm	5.1 x 103 x 50.1	5.1 x 103 x 50.1
Rated current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.14...4	0.14...4



Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	400			
max. current	A	27			
for wire cross-section	mm²	2.5			
Rated impulse withstand voltage / Pollution severity				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals		CE UKCA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Twin wire-end ferrule	mm²	0.5...0.75			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Rated voltage					
Rated voltage (L / L)	V	400			
Rated voltage (L / N)	V	250			
Rated voltage (L / PE)	V	250			

Rated data		IEC 60947-7-1 (-7-2)			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250			
max. current	A	27			
for wire cross-section	mm²	2.5			
Rated impulse withstand voltage / Pollution severity				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals		CE UKCA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Twin wire-end ferrule	mm²	0.5...0.75			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Rated voltage					
Rated voltage (L / L)	V	400			
Rated voltage (L / N)	V	250			
Rated voltage (L / PE)	V	250			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 BB L	50	2668920000

Version	Type	Qty.	Order No.
	AITB 2.5 BB N-L-PE	50	2668940000

Note

Accessories

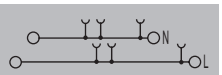
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5 BB		20	2668960000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB BL		20	2668970000
blue, incl. metal holder for the busbar	APP ITB 2.5 BB BL VI		20	2881640000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5 BB		20	2668960000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB BL		20	2668970000
blue, incl. metal holder for the busbar	APP ITB 2.5 BB BL VI		20	2881640000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

AITB 2.5 BB N-L — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

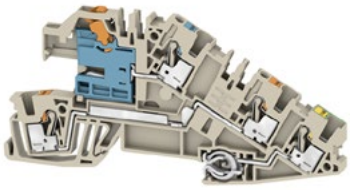
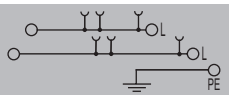
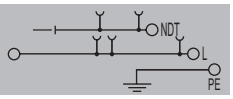
IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

CE UKCA

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type	Qty.	Order No.
AITB 2.5 BB N-L	50	**2668910000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5 BB		20	**2668960000**
APP ITB 2.5 BB BL		20	**2668970000**
APP ITB 2.5 BB BL VI		20	**2881640000**
AEB 35 SCL/1 VO		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

	AITB 2.5 BB L-L-PE	2.5 mm²	AITB 2.5 BB NDT-L-PE	2.5 mm²
				
Width/Height/Depth mm	5.1 x 103 x 50.1		5.1 x 103 x 50.1	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

Rated data					
Rated voltage	V	IEC 60947-7-1 (-7-2)			
max. current	A	IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	250			
Rated impulse withstand voltage / Pollution severity		27			
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5			
Approvals				4 kV / 3	
Clamped conductors				A3 / V-0	
Solid / Stranded	mm²	CE UKCA			
Flexible / Flexible with ferrule	mm²	**Rated connection**			
Twin wire-end ferrule	mm²	0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	0.5...4 / 0.5...2.5			
Rated voltage		0.5...0.75			
Rated voltage (L / L)	V	10 / 0.6 x 3.5 mm			
Rated voltage (L / N)	V				
Rated voltage (L / PE)	V	400			
		250			
		250			
Note					

		In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7
		250			
		27			
		2.5			
				4 kV / 3	
				A3 / V-0	
		CE UKCA			
		Rated connection			
		0.5...4 / 0.5...4			
		0.5...4 / 0.5...2.5			
		0.5...0.75			
		10 / 0.6 x 3.5 mm			
		400			
		250			
		250			

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 BB L-L-PE	50	2668930000
Note			

Type	Qty.	Order No.
AITB 2.5 BB NDT-L-PE	50	2668950000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5 BB		20	2668960000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB BL		20	2668970000
blue, incl. metal holder for the busbar	APP ITB 2.5 BB BL VI		20	2881640000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000

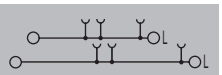
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/3	24 A	60	1527570000
ZQV 2.5N/4	24 A	60	1527590000
ZQV 2.5N/10	24 A	20	1527690000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
APP ITB 2.5 BB BL VI		20	2881640000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 2.5/4 BB BL		25	2690440000
AEB ITB 16 BB BL		20	2669130000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

AITB 2.5 BB L-L

2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

CE UKCA

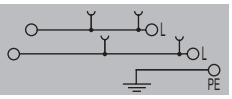
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

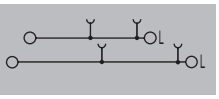
Type	Qty.	Order No.
AITB 2.5 BB L-L	50	**2668900000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5 BB		20	**2668960000**
APP ITB 2.5 BB BL		20	**2668970000**
APP ITB 2.5 BB BL VI		20	**2881640000**
AEB 35 SCL/1 VO		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

	AITB 4 BB L-L-PE	4 mm²	AITB 4 BB L-L	4 mm²

Width/Height/Depth	mm	6.1 x 110.2 x 53.2	6.1 x 110.2 x 53.2
Rated current / max. cond. cross-section	A/mm²	30 / 6	30 / 6
Max. clamping range	mm²	0.14...6	0.14...6





Technical data

Rated data		AITB 4 BB L-L-PE	AITB 4 BB L-L
		IEC 60947-7-1 (-7-2)	IEC 60947-7-1
Rated voltage	V	250	400
max. current	A	36	36
for wire cross-section	mm²	4	4
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
		AWG 26...10	AWG 26...10
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0	A4 / V-0
Approvals		CE cULus EAC	CE cULus EAC
Clamped conductors			
Solid / Stranded	mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Twin wire-end ferrule	mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Rated voltage			
Rated voltage (L / L)	V	400	400
Rated voltage (L / N)	V	250	250
Rated voltage (L / PE)	V	250	250
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	AITB 4 BB L-L-PE	25	2669080000	AITB 4 BB L-L	25	2669070000
Note						

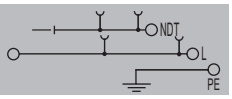
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
3-pole	ZQV 4N/3	32 A	60	1527940000	ZQV 4N/3	32 A	60	1527940000
4-pole	ZQV 4N/4	32 A	60	1527970000	ZQV 4N/4	32 A	60	1527970000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	AEP ITB 4 BB		20	2669110000	AEP ITB 4 BB		20	2669110000
Support bracket for 10 x 3 (required every 20 cm)								
blue	APP ITB 4 BB BL		20	2669120000	APP ITB 4 BB BL		20	2669120000
blue, incl. metal holder for the busbar	APP ITB 4 BB BL VI		20	2881650000	APP ITB 4 BB BL VI		20	2881650000
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000	AEB ITB 16 BB BL		20	2669130000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 4 MI-R	0.2 A	50	1991860000	ATPG 4 MI-R	0.2 A	50	1991860000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	WS 8/6 PLUS MC NE WS		600	1951880000	WS 8/6 PLUS MC NE WS		600	1951880000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

AITB 4 BB NDT-L-PE — 4 mm²

6.1 x 110.2 x 53.2
30 / 6
0.14...6



In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250			
36			
4			
		4 kV / 3	
		A4 / V-0	

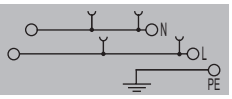
Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 4 BB NDT-L-PE		25	**2669100000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/3	32 A	60	**1527940000**
ZQV 4N/4	32 A	60	**1527970000**
ZQV 4N/10	32 A	20	**1528090000**
AEP ITB 4 BB		20	**2669110000**
APP ITB 4 BB BL		20	**2669120000**
APP ITB 4 BB BL VI		20	**2881650000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
DEK 5/6 MM WS		600	**2007120000**

AITB 4 BB N-L-PE — 4 mm²

6.1 x 110.2 x 53.2
30 / 6
0.14...6



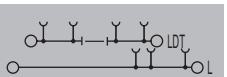
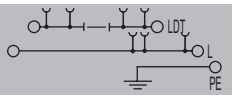
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
36			
4	AWG 26...10		
		4 kV / 3	
		A4 / V-0	

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 4 BB N-L-PE		25	**2669090000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/3	32 A	60	**1527940000**
ZQV 4N/4	32 A	60	**1527970000**
ZQV 4N/10	32 A	20	**1528090000**
AEP ITB 4 BB		20	**2669110000**
APP ITB 4 BB BL		20	**2669120000**
APP ITB 4 BB BL VI		20	**2881650000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
DEK 5/6 MM WS		600	**2007120000**

	AITB 2.5 LDT-L	2.5 mm²	AITB 2.5 LDT-L-PE	2.5 mm²
Width/Height/Depth mm	5.1 x 103 x 50.1		5.1 x 103 x 50.1	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

	AITB 2.5 LDT-L	AITB 2.5 LDT-L-PE
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1 (-7-2)
Rated current A	IEC 400 / UL 300 / CSA 300 / EN 60079-7	IEC 250 / UL 300 / CSA 300 / EN 60079-7
for wire cross-section mm²	24 / 20 / 20	24 / 20 / 20
Rated impulse withstand voltage / Pollution severity	2.5 / AWG 26...12 / AWG 26...12	2.5 / AWG 26...12 / AWG 26...12
Gauge to IEC 60947-1 / UL 94 flammability rating	4 kV / 3	4 kV / 3
Approvals	A3 / V-0	A3 / V-0
	CE cULus UKCA	CE cULus UKCA
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Twin wire-end ferrule mm²	0.5...0.75	0.5...0.75
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Rated voltage		
Rated voltage (L / L) V	400	400
Rated voltage (L / N) V	250	250
Rated voltage (L / PE) V	250	250
Note		

Ordering data

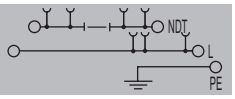
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	AITB 2.5 LDT-L	50	2668980000	AITB 2.5 LDT-L-PE	50	2669040000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	AEP ITB 2.5		20	2669060000	AEP ITB 2.5		20	2669060000
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000	AEB ITB 16 BB BL		20	2669130000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)								
without fittings	BEST		50	1833100000	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000	BEST/D	1 A	50	1878560000
Disconnect plug								
orange	TNST OR	20 A	50	2463540000	TNST OR	20 A	50	2463540000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
For detailed information on other accessories and application in the online catalogue								

AITB 2.5 NDT-L-PE — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

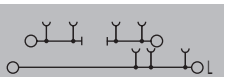
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 2.5 NDT-L-PE		50	**2669030000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

AITB 2.5 LDT-L W/O DTLV — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

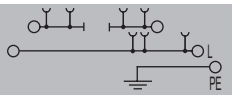
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 2.5 LDT-L W/O DTLV		50	**2668990000**
without separator			

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

AITB 2.5 LDT-L-PE W/O DTLV — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



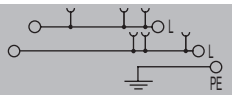
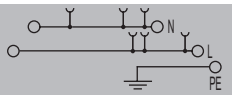
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 2.5 LDT-L-PE W/O DTLV		50	**2669050000**
without separator			

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

	AITB 2.5 L-L-PE	2.5 mm²	AITB 2.5 N-L-PE	2.5 mm²
Width/Height/Depth mm	5.1 x 103 x 50.1		5.1 x 103 x 50.1	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

	AITB 2.5 L-L-PE	AITB 2.5 N-L-PE
Rated data		
Rated voltage V	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated current A	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
for wire cross-section mm²	250 / 300 / 300	250 / 300 / 300
Rated impulse withstand voltage / Pollution severity	24 / 20 / 20	24 / 20 / 20
Gauge to IEC 60947-1 / UL 94 flammability rating	2.5 / AWG 26...12 / AWG 26...12	2.5 / AWG 26...12 / AWG 26...12
Approvals	4 kV / 3	4 kV / 3
	A3 / V-0	A3 / V-0
	CE cULus UKCA	CE cULus UKCA
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Twin wire-end ferrule mm²	0.5...0.75	0.5...0.75
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Rated voltage		
Rated voltage (L / L) V	400	400
Rated voltage (L / N) V	250	250
Rated voltage (L / PE) V	250	250
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 L-L-PE	50	2669010000
Note			

Type	Qty.	Order No.
AITB 2.5 N-L-PE	50	2669020000

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5		20	2669060000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000

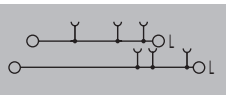
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/3	24 A	60	1527570000
ZQV 2.5N/4	24 A	60	1527590000
ZQV 2.5N/10	24 A	20	1527690000
AEP ITB 2.5		20	2669060000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 2.5/4 BB BL		25	2690440000
AEB ITB 16 BB BL		20	2669130000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
SDIL 0,6X3,5X100		1	2749140000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST OR	20 A	50	2463540000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

AITB 2.5 L-L

2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

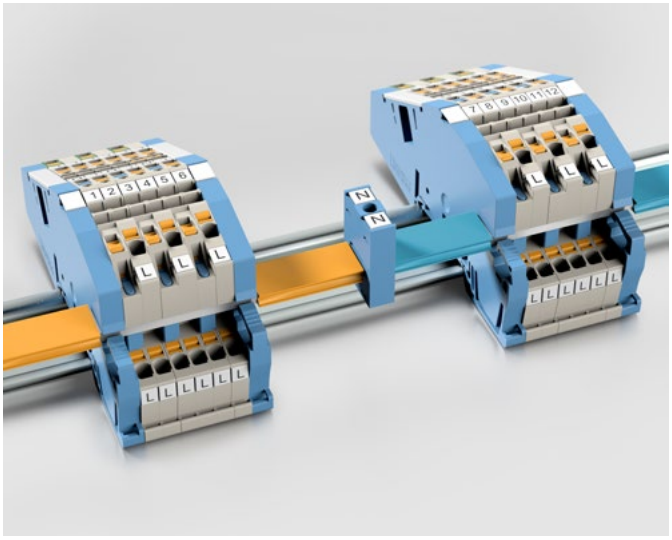
Type	Qty.	Order No.
AITB 2.5 L-L	50	**2669000000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

Klippon® Connect for building installation wiring
Sophisticated and uniform accessoires

Safe and flexible covering of live components

The BB-CV AITB 3X10 cover profile provides the necessary finger safety within the switchgear. Protruding parts of the busbar, which are provided as a reserve within the switchgear, can thus be protected against unintentional contact. The cover profile can be flexibly and individually cut to length.

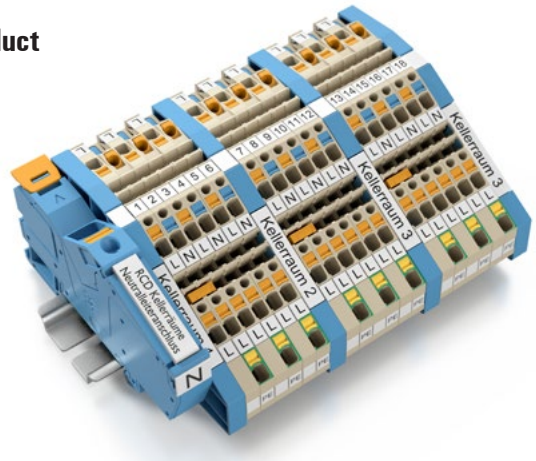


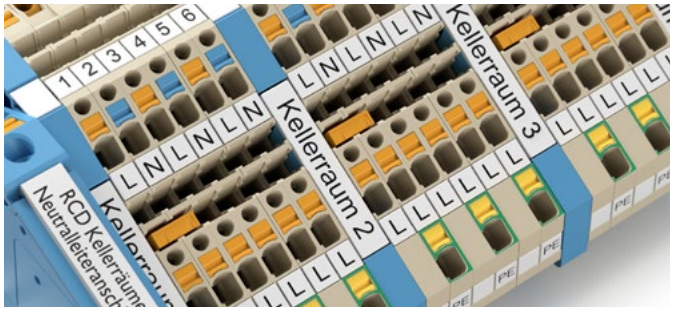
Cover profile **BB-CV**

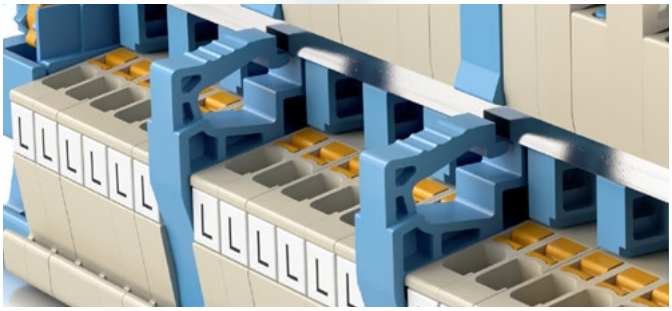
Type	Length	Qty.	Order No.
BB-CV AITB 3X10	300 mm	10	**2911380000**
BB-CV AITB 3X10 BL	300 mm	10	**2918930000**
Busbar			
SSCH 10X3X1000 CU/SN	1000 mm		**0348900000**

End bracket, support block and end plate cleverly combined in one product

The AEB ITB 2.5/4 BB BL is one of the all-rounders in the Klippon® Connect accessories for building installation wiring. The end bracket serves as a support block for the busbar. Due to its identical contour to the 3-level installation terminal blocks AITB 2.5 BB... it could also be used as a visual demarcation within the terminal strip, but also as an end plate. This saves additional components and working time. A receptacle for the terminal strip labelling (WAD 5) is available on the head side of the products.



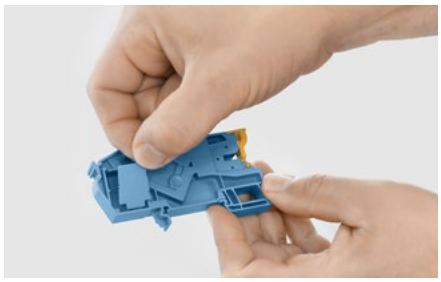


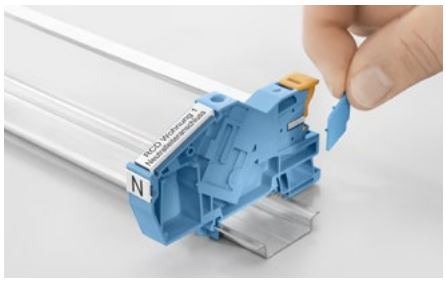


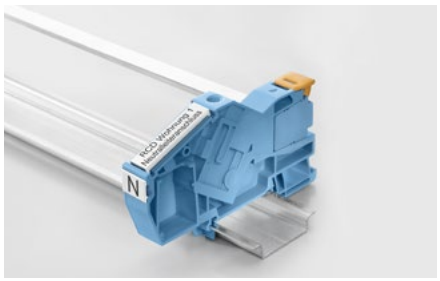
Clean and clear distinction of internal and external wiring within the cabinet

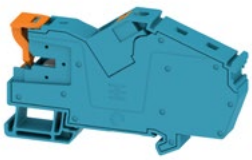
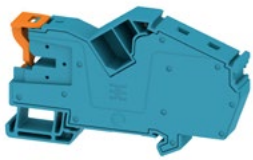
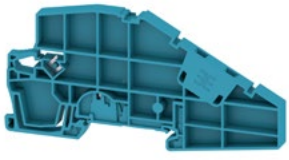
With the AITB 16 BB NLO, the neutral conductor busbar is integrated into the system quickly, safely and without any additional tools. As with the installation terminal blocks, the internal wiring in the control cabinet is carried out in the direction of the busbar. This creates a clear visual distinction between internal wiring at the switchgear manufacturer and external wiring on the construction site. The AEB ITB 16 BB BL, without connection function for a conductor, completes the portfolio.

Both versions have integrated the function of an support block in addition to the function of an end bracket. This saves additional components and working time. A plug-in possibility for terminal strip labelling (WAD 5 or WAD 8) is available on the head side of the products.
For finger safety at the end of the DIN-Rail, an integrated end plate could be broken out of the front area of the product. This can be attached on the left or right side, depending on the structure of the terminal strip. Both product variants are supplied with an integrated end plate for the product as well as for the busbar.







		AITB 16 BB NLO 16 mm²	AEB ITB 16 BB BL	AEB ITB 2.5/4 BB BL
				
Dimensions				
Width/Height/Depth	mm	91.15/52.9/12	91.15/52.9/12	6.1 x 50.5 x 104
Continuous operating temp., min.		-60 °C	-60 °C	-60 °C
Continuous operating temp., max.		130 °C	130 °C	130 °C
Material		polyamide 66	polyamide 66	polyamide 66
Rated data		**IEC / UL / CSA**	**IEC / UL / CSA**	**IEC / UL / CSA**
Rated voltage	V	1000		
Rated current	A	65		
Rated impulse withstand voltage / Pollution severity		8 kV / 3	/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating		A6 / V-0	/ V-0	
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0,5...16 / 0,5...16		
Flexible / Flexible with ferrule	mm²	0,5...16 / 0,5...16		
Stripping length / Blade size	mm/-	18 / 1,0 x 5,5 mm		
Ordering data		**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
	blue	AITB 16 BB NLO / 20 / **2669140000**	AEB ITB 16 BB BL / 20 / **2669130000**	AEB ITB 2.5/4 BB BL / 25 / **2690440000**
Note				

L-BOXX 102 installation terminal starter set for electrical installers

Klippon® Connect Terminal Blocks for building installation wiring

The L-BOXX 102 in Weidmüller design

The L-BOXX is an innovative storage system that ensures order and efficiency in various industries, especially in the skilled trades. Developed by Bosch Sortimo, the L-BOXX offers a clever solution for storing, transporting and organizing tools, materials and accessories. Their modular design allows a wide variety of boxes to be interconnected and customized.

Thanks to robust material and well thought-out interior design, the contents are optimally protected and organized. The L-BOXX impresses with its stackability, a comparably light weight, mobility and easy handling, which makes it an essential accessory for professionals and hobby craftsmen alike.

Everything at hand: For immediate use on the construction site

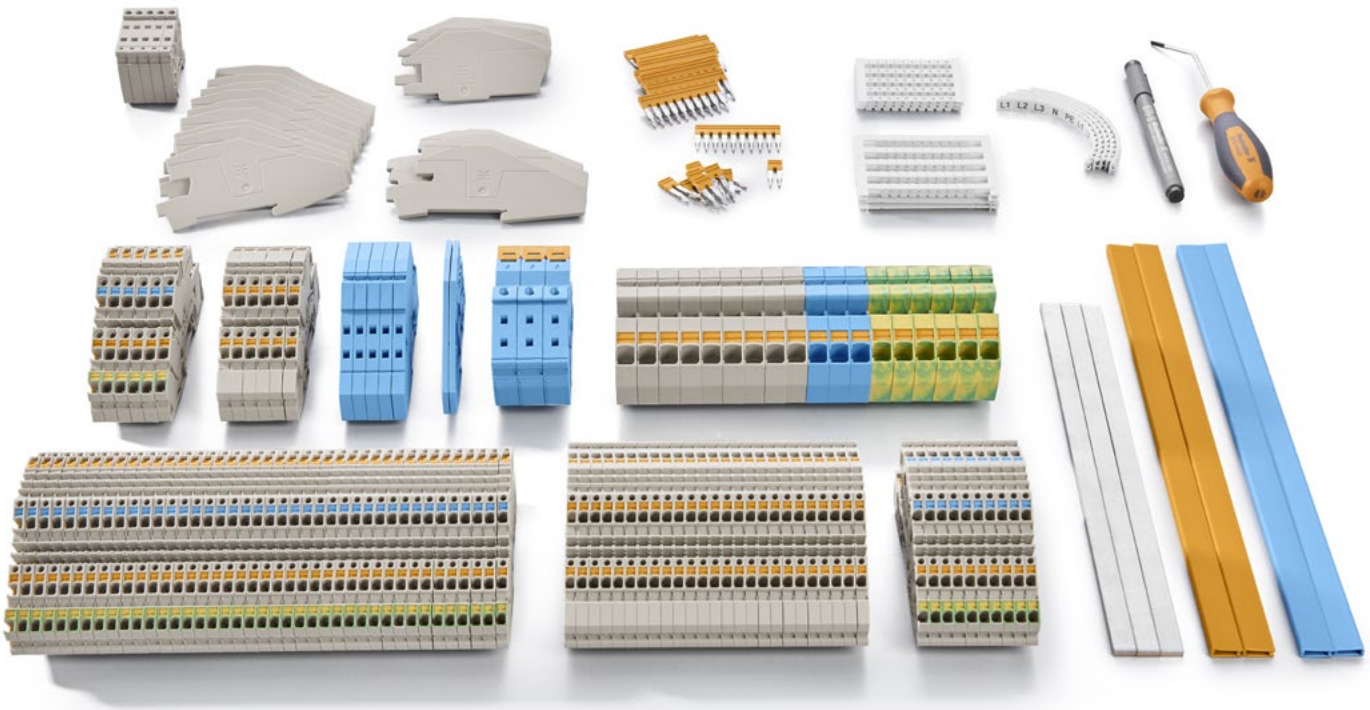
Our range of L-BOXXes from Bosch - Sortimo in the special Weidmüller design are the ideal companion for electricians. The starter sets or starter kits contain a wide selection of 3-wire installation terminal blocks and other terminal blocks for the wiring of main distribution boards and sub-distribution boards.

Efficient work and a professional presentation guaranteed – all in a handy box in Weidmüller design.

Integration into the L-BOXX system

The modular design makes it possible to connect and individually adapt a wide variety of L-BOXXes from Bosch - Sortimo. Thanks to robust material and well thought-out interior design, the items are optimally protected and organized.

The L-BOXX impresses with its light weight, stackability, mobility and easy handling, making it an essential choice for professionals and hobby craftsmen alike.



Products inside our L-BOXX 102 KC AITB INSTA 1 (2938390000)

L-BOXX 102 (empty assortment box)

The empty L-BOXX 102 in Weidmüller design offers flexible storage solutions. With five assortment trays inside, it allows for orderly storage of small parts, tools and accessories.

Combine the L-BOXX 102 with other L-BOXX variants from different suppliers and benefit from the flexibility and stackability of the system.

Ordering data

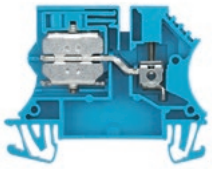
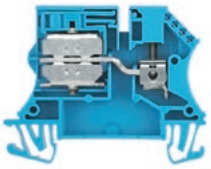
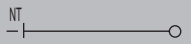
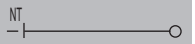
Type	Qty.	Order No.
L-BOXX 102 CASE EMPTY WITH 5 TRAYS	1	2941370000

L-BOXX 102 KC AITB INSTA 1

The L-BOXX 102 set INSTA 1 includes a wide range of 3-wire installation terminal blocks, as well as other terminal blocks and accessories for wiring main distribution boards and sub-distribution boards.
(See picture above)

Ordering data

Type	Qty.	Order No.
L-BOXX 102 KC AITB INSTA 1	1	2938390000

	WNT 2.5	2.5 mm²	WNT 4	4 mm²
				
Width/Height/Depth mm	5.1 x 60 x 46.5		6.1 x 60 x 46.5	
max. current / max. cond. cross-section A	**32 / 4**		**41 / 6**	
Max. clamping range mm²	**0.13...4**		**0.13...6**	

Technical data

	WNT 2.5				WNT 4			
Rated data	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	400	600	600		400	600	600	
Rated current A	24	25	20		32	35	25	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12		4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0				A4 / V-0		
Approvals								
Clamped conductors								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	0.5...4 / 1.5...4				0.5...6 / 1.5...6			
Tightening torque / Clamping screw Nm	0.5...4 / 0.5...2.5				0.5...6			
Tightening torque Separating screw -	0.4...0.6 / (M 2.5)				0.5...1 / (M 3)			
Stripping length / Blade size mm/-								
	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note	Tightening torque, N-isolator 0.4...0.6 Nm				Tightening torque, N-isolator 0.4...0.8 Nm			

Ordering data

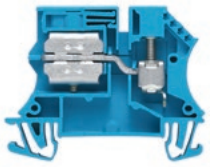
Version	WNT 2.5			WNT 4		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WNT 2.5 10X3 BE	100	**1010600000**			
Blue	WNT 2.5 10X3	100	**1010680000**	WNT 4 10X3	100	**1010780000**
Note						

Accessories

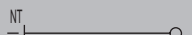
	WNT 2.5				WNT 4			
End plate / Partition plate	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue	WHP 2.5-35N/10X3 BL		20	**1050280000**	WHP 2.5-35N/10X3 BL		20	**1050280000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	**9006060000**	SWIFTY CUT AND STRIP SET		1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	**0316500000**	ZB 4		50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**	ZB 16 ZKSC		50	**0316600000**
flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16		20	**0266500000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**	WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

WNT 6 — 6 mm²



7.9 x 60 x 46.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
41	45	35	
6	AWG 20...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.2 / (M 3.5)
12 / 4.0 x 0.8 mm

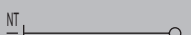
Tightening torque, N-isolator 0.8...1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	1010880000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY CUT AND STRIP SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

WNT 10 — 10 mm²

9.9 x 60 x 46.5
76 / 16
1.31...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
57	60	50	
10	AWG 16...8	AWG 16...6	
	6 kV / 3		
	B6 / V-0		

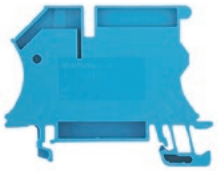
Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...10
1.2...2 / (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm.

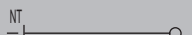
Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY CUT AND STRIP SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

WNT 16N — 16 mm²



12 x 60 x 46.5
101 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
76	65	65	
16	AWG 14...6	AWG 14...6	
	6 kV / 3		
	B7 / V-0		

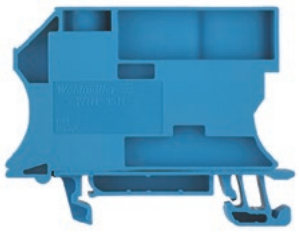
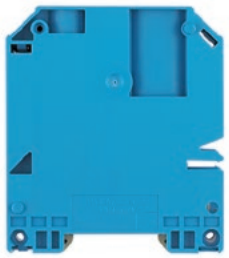
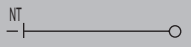
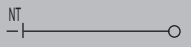
Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
1.2...2.2 / (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY CUT AND STRIP SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

B

	WNT 35N	35 mm²	WNT 70N	70 mm²
				
Width/Height/Depth mm	16 x 66 x 50.5		20.5 x 75 x 85	
max. current / max. cond. cross-section A	**140 / 50**		**140 / 95**	
Max. clamping range mm²	**2.5…50**		**10…95**	

Technical data

Rated data	WNT 35N	WNT 70N
	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	400	400 / 600
Rated current A	125	140 / 175
for wire cross-section mm²	35	70 / AWG 6…0
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	B8 / V-0	B11 / V-0
Approvals		
Clamped conductors	**Rated connection**	**Rated connection**
Solid / Stranded mm²	2.5…16 / 2.5…50	10…16 / 10…95
Flexible / Flexible with ferrule mm²	2.5…35 / 2.5…35	10…70 / 16…70
Tightening torque / Clamping screw Nm	4…5 / (M 6)	6…12 / (M 8)
Tightening torque Separating screw -		
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm	22 / S6 (DIN 6911)
Note	Tightening torque, N-isolator: 1.2…2.4 Nm	Tightening torque, N-isolator 2.5…5.0 Nm

Ordering data

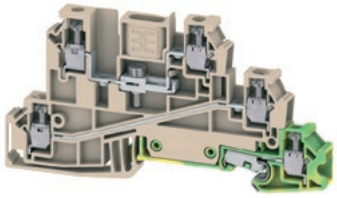
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige						
Blue	WNT 35N 10X3	20	**1718550000**	WNT 70N/35	10	**9512210000**
Note						

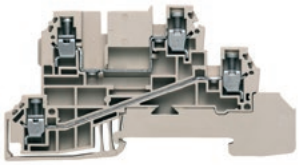
Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate / Partition plate						
dark beige	WAP 2.5-10	50	**1050000000**	WAP 2.5-10	50	**1050000000**
Blue	WAP 2.5-10 BL	50	**1050080000**	WAP 2.5-10 BL	50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)						
Blue	WHP 2.5-35N/10X3 BL	20	**1050280000**	WHP 2.5-35N/10X3 BL	20	**1050280000**
End bracket						
dark beige	WEW 35/2	50	**1061200000**	WEW 35/2	50	**1061200000**
Screwdriver						
With "swifty set" cutting device	SWIFTY CUT AND STRIP SET	1	**9006060000**	SWIFTY CUT AND STRIP SET	1	**9006060000**
Screwdriver PH2	SDS 0.6X3.5X100	1	**2749340000**	SDS 0.6X3.5X100	1	**2749340000**
Busbar 10 x 3 (140 A)						
	SSCH 10X3X1000 CU/SN 140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN 140 A	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars						
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4	50	**0316500000**	ZB 4	50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	50	**0316600000**	ZB 16 ZKSC	50	**0316600000**
flexible 16 - 35 mm²	ZB 35/M6X16	20	**0266500000**	ZB 35/M6X16	20	**0266500000**
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/5 MC NE WS	720	**1609860000**	WS 12/5 MC NE WS	720	**1609860000**

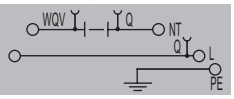
For detailed information on other accessories and application in the online catalogue

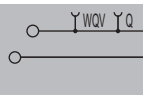
	WDL 2.5/NT/L/PE	2.5 mm²	WDL 2.5/L/L	2.5 mm²





Width/Height/Depth	mm	6.1 x 90 x 48	6.1 x 90 x 48
Rated current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

Rated data		IEC 60947-7-1 (-7-2)			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	300	300	
max. current	A	32	15	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3, A4 / V-0		
Approvals					
Clamped conductors					
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Rated voltage					
Rated voltage (L / L)	V	400			
Rated voltage (L / N)	V	250			
Rated voltage (L / PE)	V	250			

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	300	300	
max. current	A	32	15	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3, A4 / V-0		
Approvals					
Clamped conductors					
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Rated voltage					
Rated voltage (L / L)	V	400			
Rated voltage (L / N)	V	250			
Rated voltage (L / PE)	V	250			

Note	

Ordering data

Version		Type	Qty.	Order No.
	dark beige	WDL 2.5/NT/L/PE	50	1029800000
Note				

Type	Qty.	Order No.
WDL 2.5/L/L	50	1030300000

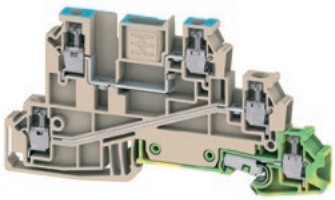
Accessories

Screwable cross-connection		Type		Qty.	Order No.
	2-pole	Q 2 WDL2.5S	24 A	50	1071500000
	3-pole	Q 3 WDL2.5S	24 A	50	1071600000
	4-pole	Q 4 WDL2.5S	24 A	50	1071700000
	10-pole	Q 10 WDL2.5S	24 A	20	1071800000
	20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000
End plate / Partition plate					
	dark beige	WAP WDL2.5		20	1067800000
Support bracket for 10 x 3 (required every 20 cm)					
	dark beige	WHP WDL2.5/S BL		20	1067980000
End bracket					
	dark beige	WEW 35/2		50	1061200000
Screwdriver					
	With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	9006060000
		SDIS 0.6X3.5X100		1	2749810000
Marking tags					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 8/5 MC NE WS		720	1640740000

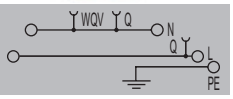
Screwable cross-connection		Type		Qty.	Order No.
	2-pole	Q 2 WDL2.5S	24 A	50	1071500000
	3-pole	Q 3 WDL2.5S	24 A	50	1071600000
	4-pole	Q 4 WDL2.5S	24 A	50	1071700000
	10-pole	Q 10 WDL2.5S	24 A	20	1071800000
	20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000
End plate / Partition plate					
	dark beige	WAP WDL2.5		20	1067800000
Support bracket for 10 x 3 (required every 20 cm)					
	dark beige	WHP WDL2.5/S BL		20	1067980000
End bracket					
	dark beige	WEW 35/2		50	1061200000
Screwdriver					
	With "swifty set" cutting device	SWIFTY CUT AND STRIP SET		1	9006060000
		SDIS 0.6X3.5X100		1	2749810000
Marking tags					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 8/5 MC NE WS		720	1640740000

For detailed information on other accessories and application in the online catalogue

WDL 2.5/N/L/PE — 2.5 mm²



6.1 x 90 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

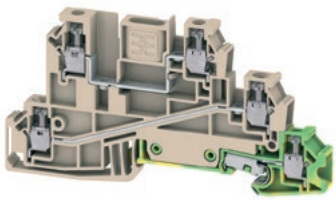
IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
8 / 0.6 x 3.5 mm
400
250
250

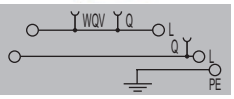
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	**1029900000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		50	**1061200000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
SDIS 0.6X3.5X100		1	**2749810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/L/L/PE — 2.5 mm²



6.1 x 90 x 48
24 / 4
0.13...4



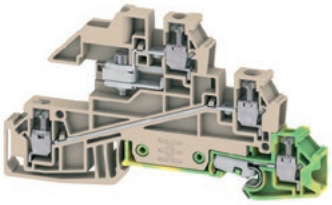
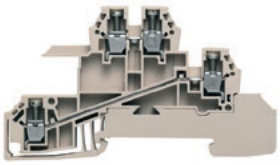
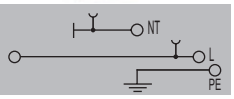
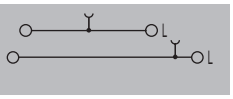
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
8 / 0.6 x 3.5 mm
400
250
250

Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	**1030200000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		50	**1061200000**
SWIFTY CUT AND STRIP SET		1	**9006060000**
SDIS 0.6X3.5X100		1	**2749810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

	WDL 2.5/S/NT/L/PE	2.5 mm²	WDL 2.5/S/L/L	2.5 mm²
				
Width/Height/Depth mm	6.1 x 84.5 x 48		6.1 x 84.5 x 48	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

Rated data		In accordance with IEC 60947-7-1				IEC 60947-7-1
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	400	300	300		400	300	300	
max. current	A	32	15	10		32	15	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12		2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0		
Approvals									
Clamped conductors		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.25...2.5				0.5...4 / 0.25...2.5			
Twin wire-end ferrule	-								
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Rated voltage									
Rated voltage (L / L)	V	400				400			
Rated voltage (L / N)	V	250				250			
Rated voltage (L / PE)	V	250				250			
Note		Rated voltage L-PE and L-NT 250 V. Tightening torque for isolator 0.4.0.6 Nm							

Ordering data

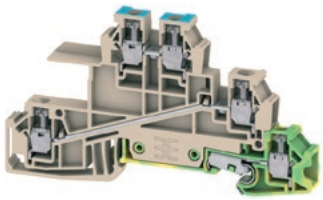
Version		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
dark beige		WDL 2.5/S/NT/L/PE		50	**1030600000**	WDL 2.5/S/L/L		50	**1031200000**
Note									

Accessories

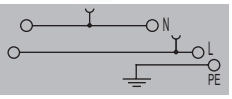
Screwable cross-connection		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole		Q 2 WDL2.5S	24 A	50	**1071500000**	Q 2 WDL2.5S	24 A	50	**1071500000**
3-pole		Q 3 WDL2.5S	24 A	50	**1071600000**	Q 3 WDL2.5S	24 A	50	**1071600000**
4-pole		Q 4 WDL2.5S	24 A	50	**1071700000**	Q 4 WDL2.5S	24 A	50	**1071700000**
10-pole		Q 10 WDL2.5S	24 A	20	**1071800000**	Q 10 WDL2.5S	24 A	20	**1071800000**
20-/24-pole		Q 20 WDL2.5S	24 A	20	**1074200000**	Q 20 WDL2.5S	24 A	20	**1074200000**
End bracket									
dark beige		WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
End plate / Partition plate									
dark beige		WAP WDL2.5/S		20	**1067700000**	WAP WDL2.5/S		20	**1067700000**
Support bracket for 10 x 3 (required every 20 cm)									
dark beige		WHP WDL2.5/S BL		20	**1067980000**	WHP WDL2.5/S BL		20	**1067980000**
Busbar 10 x 3 (140 A)									
		SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars									
Rigid / flexible 0.5 - 6 / 4 mm²		ZB 4		50	**0316500000**	ZB 4		50	**0316500000**
Rigid / flexible 6 - 16 mm²		ZB 16 ZKSC		50	**0316600000**	ZB 16 ZKSC		50	**0316600000**
flexible 16 - 35 mm²		ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16		20	**0266500000**
Marking tags									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS		720	**1640740000**

For detailed information on other accessories and application in the online catalogue

WDL 2.5/S/N/L/PE — 2.5 mm²



6.1 x 84.5 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

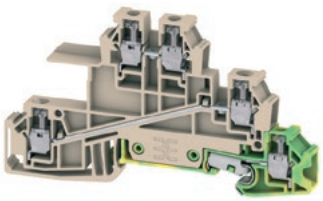
IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
8 / 0.6 x 3.5 mm
400
250
250
L-PE / L-N 250 V

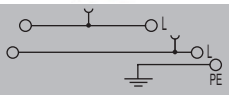
Type		Qty.	Order No.
WDL 2.5/S/N/L/PE		50	**1030700000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		50	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/S/L/L/PE — 2.5 mm²



6.1 x 84.5 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
8 / 0.6 x 3.5 mm
400
250
250
L-PE 250 V

Type		Qty.	Order No.
WDL 2.5/S/L/L/PE		50	**1031100000**

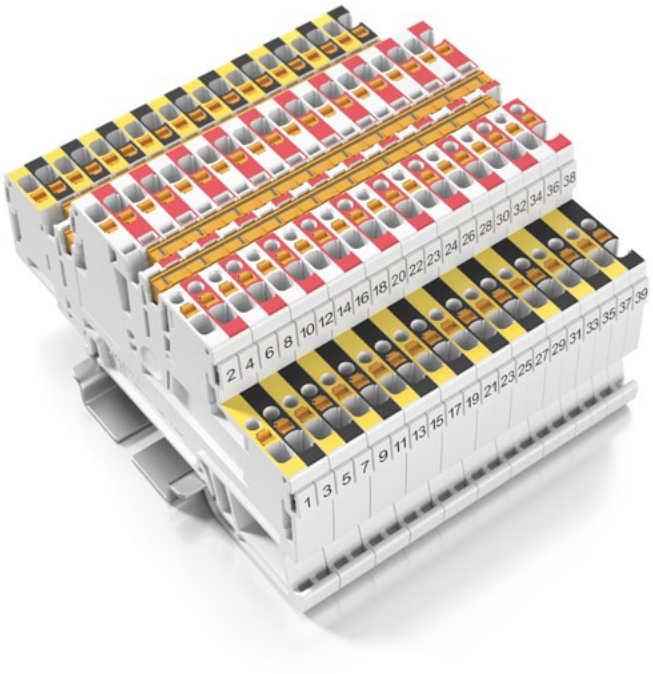
Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		50	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

KNX-Bussystem simple and clear wiring

Klippon® Connect for smart electrical installation in buildings

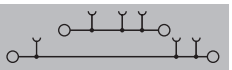
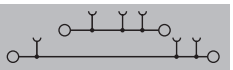
Automation and growing data volumes are of increasing importance in building technology. Precise, unambiguous data wiring systems are thereby essential for efficient cabinet assembly.

The Klippon® Connect KNX-terminal blocks provide the wiring of the main and reserve leads for KNX Bus wiring systems within a 7 mm combined block width. At each level, a double cross-connection point yields quick and easy distribution of the potential within the terminal.



Your special advantages:

- Numerous marking possiblities
- Colour coded terminals for each wire colour
- Standardised accessories
- Minimal space requirements thanks to 3.5 mm individual terminal width

	A2T 1.5 KNX RD-BK	1.5 mm²	A2T 1.5 KNX WT-YL	1.5 mm²
Width/Height/Depth mm	3.5 x 84 x 45		3.5 x 84 x 45	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**17.5 / 1.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...1.5**	

Technical data

Rated data						
Rated voltage	V	IEC 60947-7-1				
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	mm²	500			440	
Rated impulse withstand voltage / Pollution severity		17.5			13.5	
Gauge to IEC 60947-1 / UL 94 flammability rating		1.5			1.5 mm²	
Approvals				6 kV / 3		
Clamped conductors				A1 / V-0		
Solid / Stranded	mm²					
Flexible / Flexible with ferrule	mm²	**Rated connection**				
Twin wire-end ferrule	-	0.5...1.5 / 0.5...1.5				
Stripping length / Blade size	mm/-	0.5...1.5 / 0.5...1				
		8 / 0.4 x 2.0 mm				
Note						

		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
		500			440	
		17.5			13.5	
		1.5			1.5 mm²	
				6 kV / 3		
				A1 / V-0		
		Rated connection				
		0.5...1.5 / 0.5...1.5				
		0.5...1.5 / 0.5...1				
		8 / 0.4 x 2.0 mm				

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	A2T 1.5 KNX RD-BK	50	**2652200000**	A2T 1.5 KNX WT-YL	50	**2652210000**
Note							

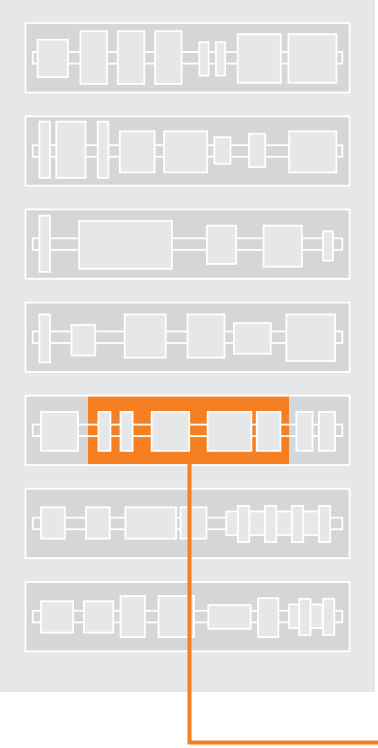
Accessories

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate								
dark beige	AEP 2T 1.5		20	**2469420000**	AEP 2T 1.5		20	**2469420000**
Blue	AEP 2T 1.5 BL		20	**2471470000**	AEP 2T 1.5 BL		20	**2471470000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 1.5 MI-R	0.2 A	50	**1991880000**	ATPG 1.5 MI-R	0.2 A	50	**1991880000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 0.4X2.0X60		1	**2749260000**	SDS 0.4X2.0X60		1	**2749260000**
Marking tags								
	WS 10/3.5 PLUS MC NE WS		960	**2003760000**	WS 10/3.5 PLUS MC NE WS		960	**2003760000**
	DEK 5/3.5 MM WS		1000	**2007100000**	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

For detailed information on other accessories and application in the online catalogue

Efficient implementation of testing and measurement switchgear

Safe and thorough with Klippon® Connect



In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.

Our promise

The sophisticated features and proven connection technologies means Klippon® Connect solves testing and measurement issues more safely and efficient. Our extensive portfolio provides flexibility and productivity at all stages of the process.

Our range

Simple operation to prevent errors:

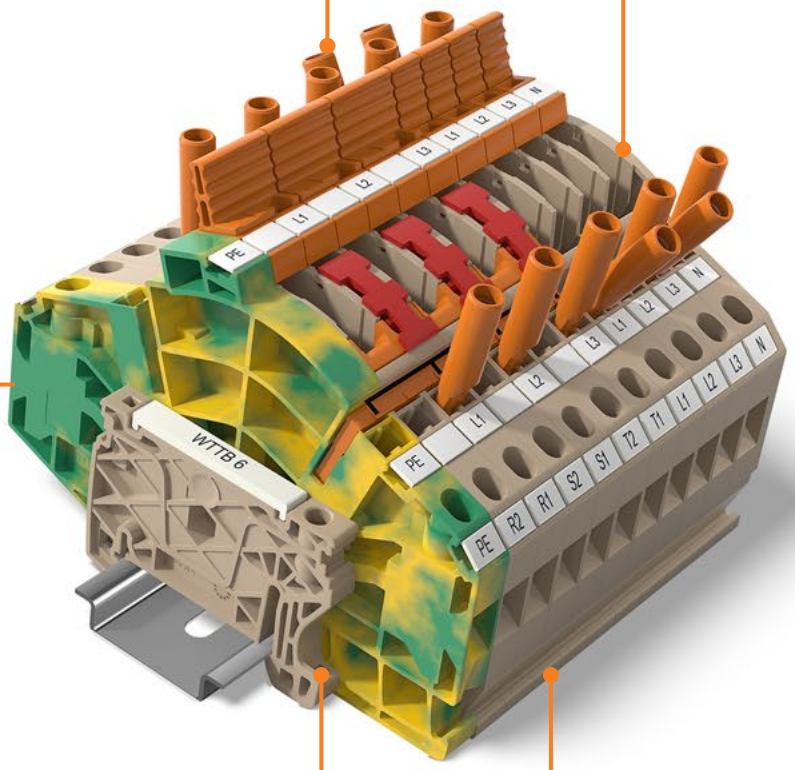
With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and cost-effectively. The screws connecting the conductors are only accessible after the current transformer has been short-circuited using the short-circuit slider. This ensures safety as it prevents accidental short-circuiting or opening of the converter circuit.

Screwless and simple:

Our test-disconnect terminal blocks with PUSH IN and tension clamp technology are the ideal solution to establishing switching circuits for measurement tasks. The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

Safety
- Highest possible protection of measuring instruments against destruction by avoiding incorrect wiring
- Safe protection of connected power converters thanks to integrated short-circuit contact
- Simple, safe operation thanks to clear identification of switch status
- Lockout to secure the relevant switching status

Space saving
- Modular setup of transformer switching thanks to test-disconnect terminal blocks
- Design of a simple current transformer test circuit with just two terminal blocks



Time saving
- Extensive range of accessories consisting of test adapters, cross-connections and markers
- PUSH IN technology for quick, safe wiring
- Make before breake function exclusive to the TTB family

Flexibility
- Reliable implementation of all standard transformer switching applications
- Specially developaed for all conceivable requirements

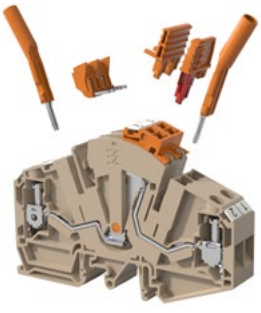
Klippon® Connect TTB Range for instrument transformer wiring

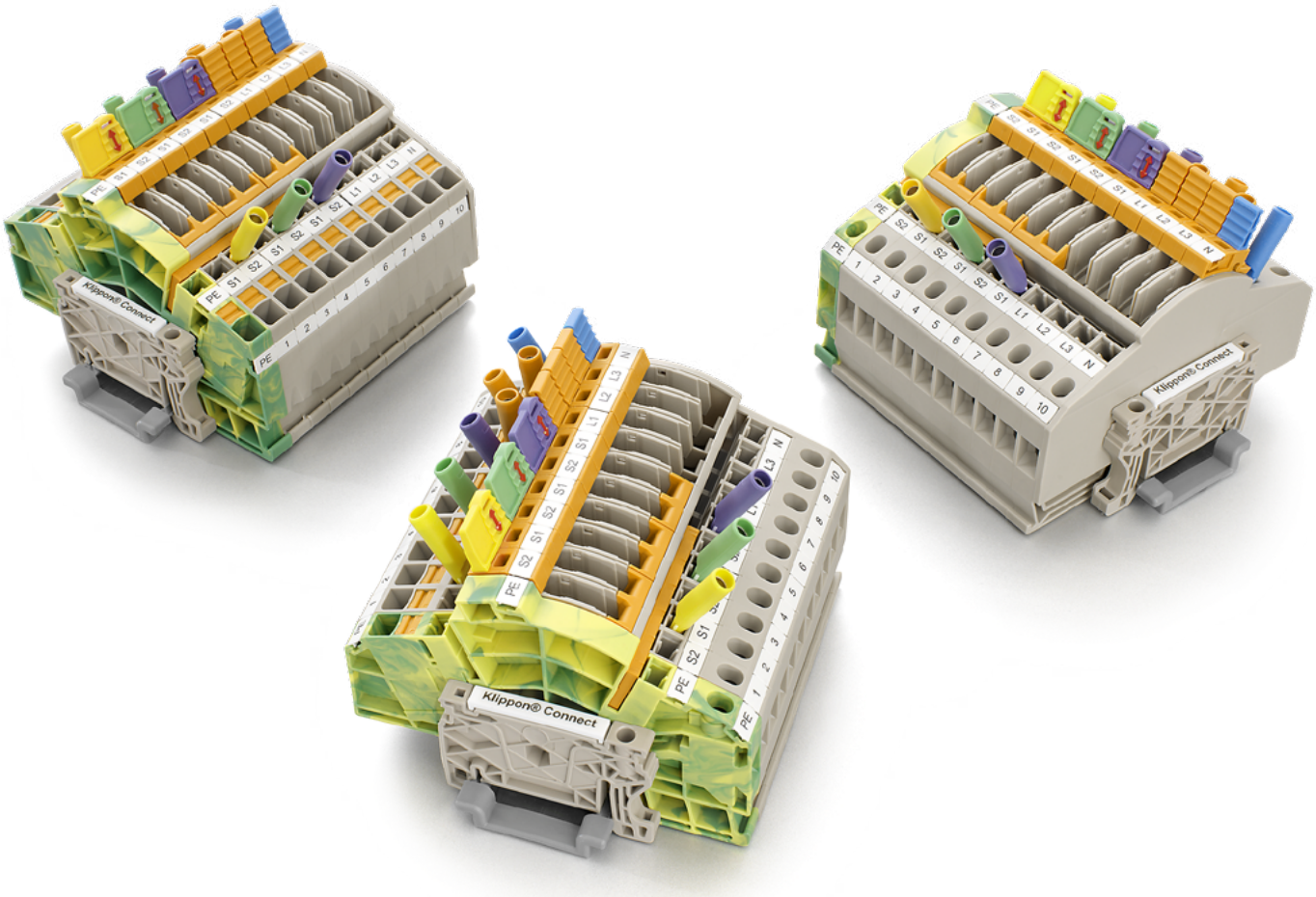
Ensuring safety of personnel and devices

In T&D applications, current and voltage transformers are mainly used for protection and measurement functions. Our new TTB range of Klippon® Connect instrument transformer terminal blocks have been designed to meet all the connection requirements of these two critical applications.

The wiring of current and voltage transformers can be carried out particularly easily and safely with the new terminal block series – even within complex circuits. The prevention of operating errors during operation increases plant availability and extends the life cycle of the entire control cabinet. Thus, the respective requirements of the end user are fulfilled to the highest degree.

Captive components
All function- and safety-relevant components are captively connected to the terminal block. This increases the reliability of the current and voltage transformer circuits during installation and maintenance work.

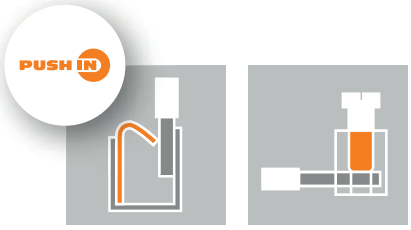




Data-supported accessory selection via WMC
The complete provision of data in the Weidmüller Configurator (WMC) enables a particularly simple selection of safety-critical accessories as well as safe and rational product configuration.

Unique lever mechanism
The unique lever mechanism is particularly user-friendly. It offers maximum contact reliability and can be optimally operated under all lighting conditions. The disconnect lever can be operated either manually or with a standard screwdriver. It a lso offers an easy possibility to implement multi-pole actuations.

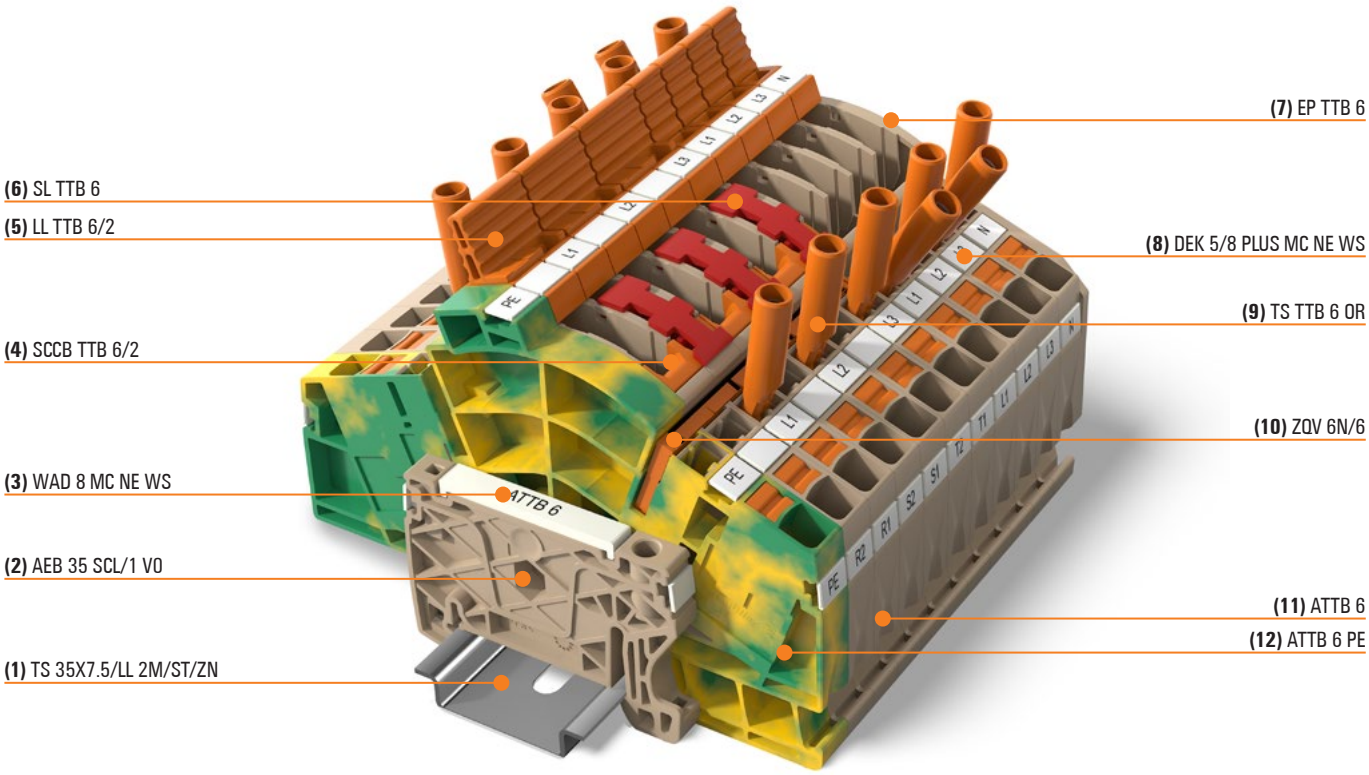
Free choice of connection technology
The TTB range terminal blocks and their accessories are highly standardised. All features can be used regardless of the chosen connection solution – whether PUSH IN or screw connection.



Instrument transformer wiring
TTB-Range – PUSH IN connection

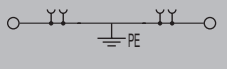
Klippon® Connect TTB-Range

Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	**2710170000**
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
11	Instrument transformer wiring terminal block	ATTB 6	8.1 x 69 x 100 mm	dark beige*	50	**2710090000**
12	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710100000**
*** More colored version you will find inside our online catalogue**						

	ATTB 6	6 mm²	ATTB 6 PE	6 mm²
Width/Height/Depth mm	8.1 x 100 x 68		8.1 x 100 x 68	
max. current / max. cond. cross-section A/mm²	**30 / 10**		**/ 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

	ATTB 6	ATTB 6 PE
Rated data	IEC 60947-7-1	IEC 60947-7-2
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	500 / / 600 /	
Rated current A	30 / / 29 /	
for wire cross-section mm²	6 / AWG 22...8 / AWG 22...8 /	6 / AWG 22...8 / AWG 22...8 /
Short-time withstand current resistance		
Rated impulse withstand voltage / Pollution severity	6 kV / 3	/ 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals		
Clamped conductors		
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm
Note		

Ordering data

Version	ATTB 6			ATTB 6 PE		
	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ATTB 6	50	**2710070000**			
Green/yellow				ATTB 6 PE	50	**2710080000**
Note						

Accessories

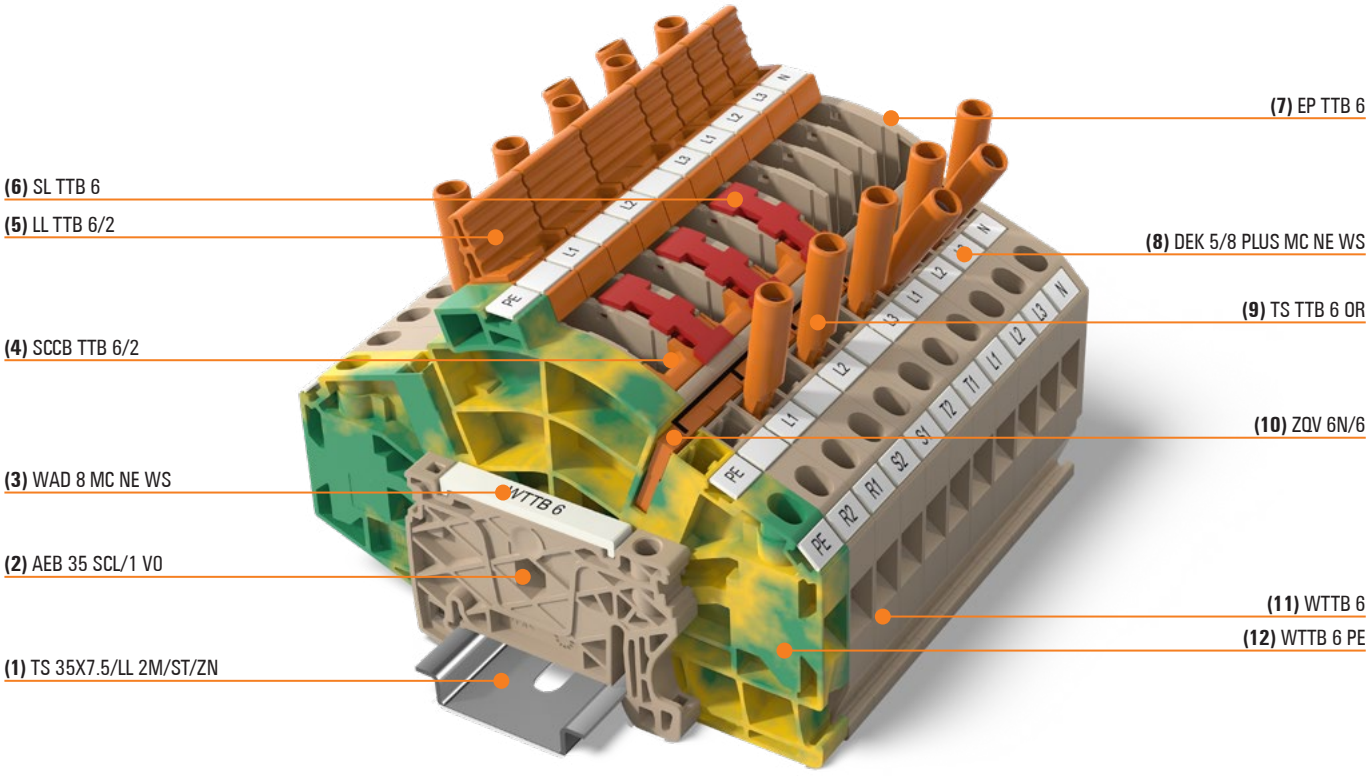
	ATTB 6			ATTB 6 PE		
Short circuit bridge	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole	SCCB TTB 6/2 30 A	25	**2710190000**	SCCB TTB 6/2 30 A	25	**2710190000**
3-pole	SCCB TTB 6/3 30 A	25	**2710200000**	SCCB TTB 6/3 30 A	25	**2710200000**
4-pole	SCCB TTB 6/4 30 A	25	**2710210000**	SCCB TTB 6/4 30 A	25	**2710210000**
Cross-connector						
6-pole	ZQV 6N/6 41 A	20	**2733950000**	ZQV 6N/6 41 A	20	**2733950000**
7-pole	ZQV 6N/7 41 A	20	**2733960000**	ZQV 6N/7 41 A	20	**2733960000**
10-pole	ZQV 6N/10 41 A	20	**2733970000**	ZQV 6N/10 41 A	20	**2733970000**
End plate						
dark beige	EP TTB 6	20	**2710170000**	EP TTB 6	20	**2710170000**
Lever link						
1-pole	LL TTB 6/1	50	**2710230000**	LL TTB 6/1	50	**2710230000**
2-pole	LL TTB 6/2	50	**2710300000**	LL TTB 6/2	50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM	50	**2710370000**	LL TTB 6/2 CM	50	**2710370000**
Test plug						
orange	TS TTB 6 OR	48	**2710470000**	TS TTB 6 OR	48	**2710470000**
blue	TS TTB 6 BL	48	**2710480000**	TS TTB 6 BL	48	**2710480000**
green	TS TTB 6 GN	48	**2710490000**	TS TTB 6 GN	48	**2710490000**
yellow	TS TTB 6 YL	48	**2710500000**	TS TTB 6 YL	48	**2710500000**
Black	TS TTB 6 BK	48	**2710520000**	TS TTB 6 BK	48	**2710520000**
violet	TS TTB 6 VT	48	**2710530000**	TS TTB 6 VT	48	**2710530000**
Switch Lock						
	SL TTB 6	50	**2710220000**	SL TTB 6	50	**2710220000**
Cover						
Textile cover	CH TTB	1	**2710130000**	CH TTB	1	**2710130000**
Cover profile	CP TTB	10	**2710140000**	CP TTB	10	**2710140000**
Cover support	CS TTB	10	**2710150000**	CS TTB	10	**2710150000**
Marking tags						
	DEK-A 5/8 MM WS	500	**2448860000**	DEK-A 5/8 MM WS	500	**2448860000**
	DEK 5/8 PLUS MC NE WS	800	**1046350000**	DEK 5/8 PLUS MC NE WS	800	**1046350000**

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
TTB-Range – Screw connection

Klippon® Connect TTB Range

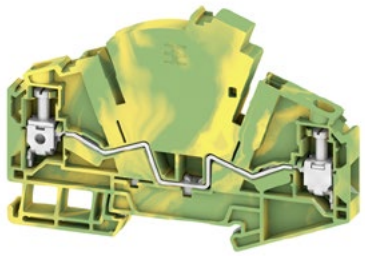
Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	**2710170000**
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
11	Instrument transformer wiring terminal block	WTTB 6	8.1 x 69 x 100 mm	dark beige*	50	**2710090000**
12	Instrument transformer wiring terminal block PE	WTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710100000**

*** More colored version you will find inside our online catalogue**

	WTTB 6	WTTB 6 PE
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.1 x 100 x 69	8.1 x 100 x 69
max. current / max. cond. cross-section A/mm²	**30 / 10**	**/ 10**
Max. clamping range mm²	**0.5...10**	**0.5...10**

Technical data

	WTTB 6	WTTB 6 PE
Rated data	IEC 60947-7-1	IEC 60947-7-2
Rated voltage V	500	500
Rated current A	30	
for wire cross-section mm²	6	6
Short-time withstand current resistance		
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals		

IEC	UL	CSA	EN 60079-7
500	300	300	
30	30	30	
6	AWG 22...8	AWG 22...8	

IEC	UL	CSA	EN 60079-7
500			
6	AWG 22...8	AWG 22...8	

Clamped conductors	WTTB 6	WTTB 6 PE
Solid / Stranded mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Tightening torque Nm	0.8...1.6	0.8...1.6
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm

Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...6
0.8...1.6
12 / 0.8 x 4.0 mm

Rated connection
0.5...10 / 0.5...6
0.5...10 / 0.5...6
0.8...1.6
12 / 0.8 x 4.0 mm

Note

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	WTTB 6	50	**2710090000**
Green/yellow	WTTB 6 PE	50	**2710100000**

Note

Accessories

Short circuit bridge	**Type**		**Qty.**	**Order No.**
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector				
6-pole	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**
End plate				
dark beige	EP TTB 6		20	**2710170000**
Lever link				
1-pole	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**
Test plug				
orange	TS TTB 6 OR		48	**2710470000**
blue	TS TTB 6 BL		48	**2710480000**
green	TS TTB 6 GN		48	**2710490000**
yellow	TS TTB 6 YL		48	**2710500000**
Black	TS TTB 6 BK		48	**2710520000**
violet	TS TTB 6 VT		48	**2710530000**
Switch Lock				
	SL TTB 6		50	**2710220000**
Cover				
Textile cover	CH TTB		1	**2710130000**
Cover profile	CP TTB		10	**2710140000**
Cover support	CS TTB		10	**2710150000**
Marking tags				
	DEK-A 5/8 MM WS		500	**2448860000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

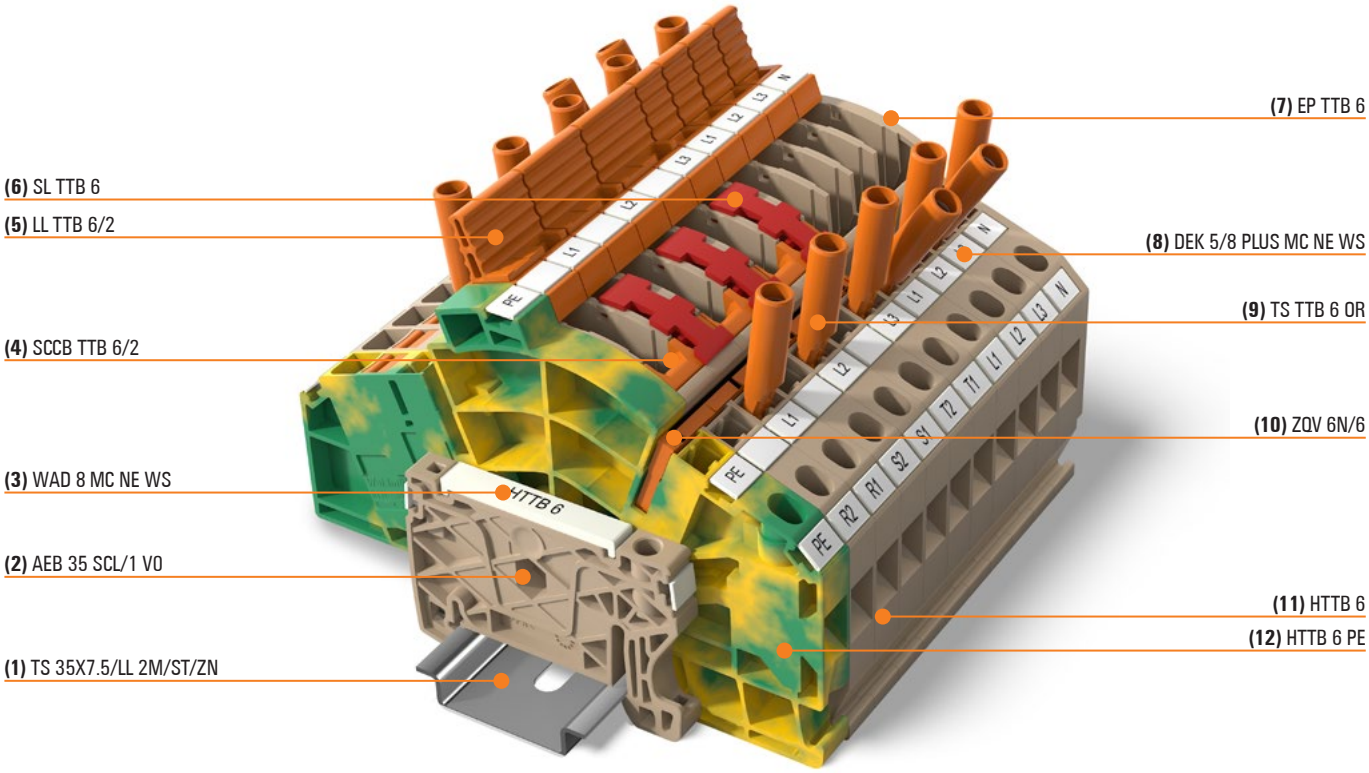
Short circuit bridge	**Type**		**Qty.**	**Order No.**
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector				
6-pole	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**
End plate				
dark beige	EP TTB 6		20	**2710170000**
Lever link				
1-pole	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**
Test plug				
orange	TS TTB 6 OR		48	**2710470000**
blue	TS TTB 6 BL		48	**2710480000**
green	TS TTB 6 GN		48	**2710490000**
yellow	TS TTB 6 YL		48	**2710500000**
Black	TS TTB 6 BK		48	**2710520000**
violet	TS TTB 6 VT		48	**2710530000**
Switch Lock				
	SL TTB 6		50	**2710220000**
Cover				
Textile cover	CH TTB		1	**2710130000**
Cover profile	CP TTB		10	**2710140000**
Cover support	CS TTB		10	**2710150000**
Marking tags				
	DEK-A 5/8 MM WS		500	**2448860000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
TTB Range – Hybrid connection

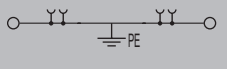
Klippon® Connect TTB-Range

Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	**2710170000**
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
11	Instrument transformer wiring terminal block	HTTB 6	8.1 x 69 x 100 mm	dark beige*	50	**2710110000**
12	Instrument transformer wiring terminal block PE	HTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710120000**
*** More colored version you will find inside our online catalogue**						

	HTTB 6	6 mm²	HTTB 6 PE	6 mm²
Width/Height/Depth mm	8.1 x 100 x 68		8.1 x 100 x 68	
max. current / max. cond. cross-section A/mm²	**30 / 10**		**/ 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

	HTTB 6				HTTB 6 PE			
Rated data	IEC 60947-7-1				IEC 60947-7-2			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	500		600					
Rated current A	30		29					
for wire cross-section mm²	6	AWG 22...8	AWG 22...8		6	AWG 22...8	AWG 22...8	
Short-time withstand current resistance								
Rated impulse withstand voltage / Pollution severity	6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0				A4 / V-0			
Approvals								
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...10 / 0.5...10				0.5...10 / 0.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Tightening torque Nm	0.8...1.6				0.8...1.6			
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
Note								

Ordering data

Version	HTTB 6			HTTB 6 PE		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	HTTB 6	50	**2710110000**			
Green/yellow				HTTB 6 PE	50	**2710120000**
Note						

Accessories

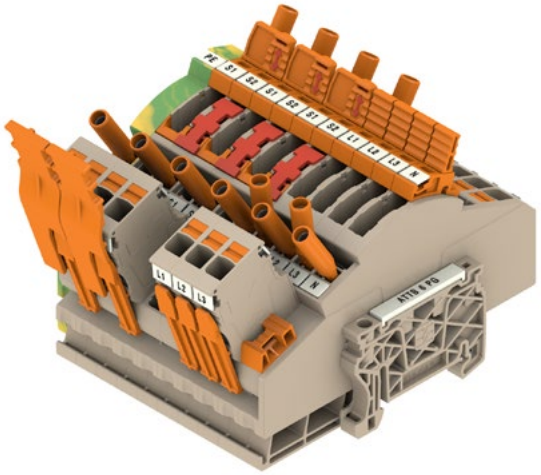
	HTTB 6				HTTB 6 PE			
Short circuit bridge	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector								
6-pole	ZQV 6N/6	41 A	20	**2733950000**	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**	ZQV 6N/10	41 A	20	**2733970000**
End plate								
dark beige	EP TTB 6		20	**2710170000**	EP TTB 6		20	**2710170000**
Lever link								
1-pole	LL TTB 6/1		50	**2710230000**	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**	LL TTB 6/2 CM		50	**2710370000**
Test plug								
orange	TS TTB 6 OR		48	**2710470000**	TS TTB 6 OR		48	**2710470000**
blue	TS TTB 6 BL		48	**2710480000**	TS TTB 6 BL		48	**2710480000**
green	TS TTB 6 GN		48	**2710490000**	TS TTB 6 GN		48	**2710490000**
yellow	TS TTB 6 YL		48	**2710500000**	TS TTB 6 YL		48	**2710500000**
Black	TS TTB 6 BK		48	**2710520000**	TS TTB 6 BK		48	**2710520000**
violet	TS TTB 6 VT		48	**2710530000**	TS TTB 6 VT		48	**2710530000**
Switch Lock								
	SL TTB 6		50	**2710220000**	SL TTB 6		50	**2710220000**
Cover								
Textile cover	CH TTB		1	**2710130000**	CH TTB		1	**2710130000**
Cover profile	CP TTB		10	**2710140000**	CP TTB		10	**2710140000**
Cover support	CS TTB		10	**2710150000**	CS TTB		10	**2710150000**
Marking tags								
	DEK-A 5/8 MM WS		500	**2448860000**	DEK-A 5/8 MM WS		500	**2448860000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**
For detailed information on other accessories and application in the online catalogue								

Simple, fast and safe wiring of current and voltage transformers

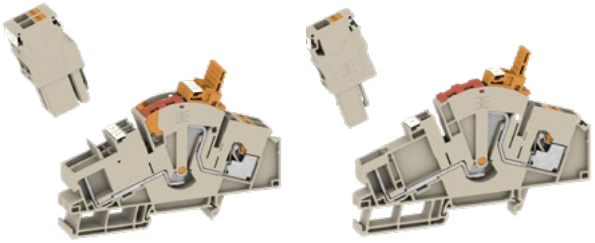
Klippon® Connect ATTB 6 PG range with pluggable connection for instrument transformer wiring

Where instrument transformer wiring requirements are coupled with enhanced wiring efficiency requests, all features of the TTB range can be exploited.

With the pluggable connection option located on the field side and directly connected to the instrument transformers, transformer circuits can now be wired even more securely.

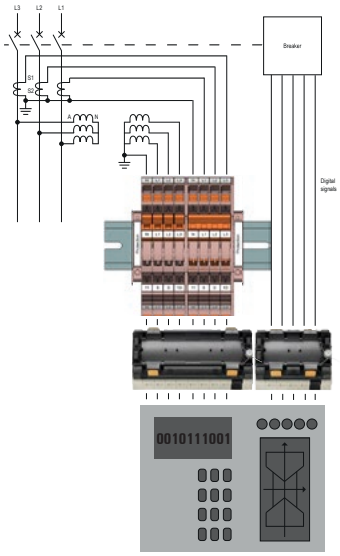


In current transformer circuits, the ATTB 6 PG CT is equipped with a specially designed 2 and 3 pole self-shorting plug able to guarantee a Make Before Break (MBB) contact under every handling condition. For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same handling easiness and safety required also for voltage circuits. Both CT and VT plugs are equipped with full coding possibility to avoid any dangerous exchange.



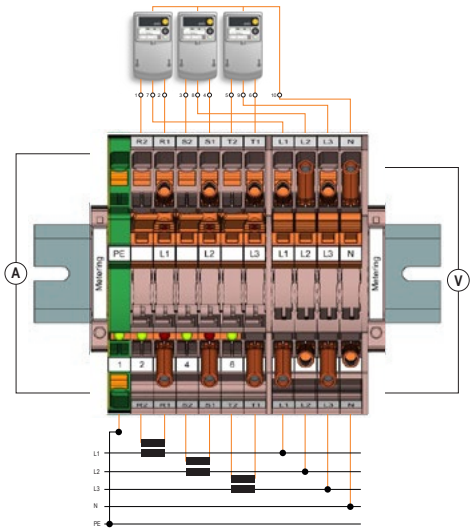
Protection relay application

The increased wiring effort required by protective relay circuits can be optimally managed with the ATTB 6 PG. Thanks to its pluggable interface, tangible operational advantages are made possible without compromising safety.

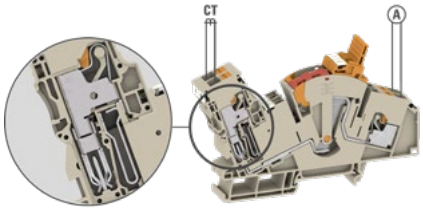


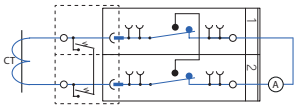
Metering application

ATTB 6 PG terminal blocks can be easily configured onto a rail in order to form a complete and functional connectivity interface in any metering cabinet. This allows intuitive, fast and safe handling for any operator.

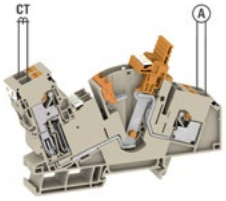


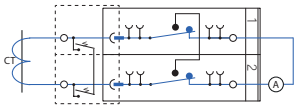
Voltage circuits do not require special operational safety other than avoiding short circuit on the secondary wiring if a VT is used. For current trasformer assisted circuits, it is on the other hand of paramount importance to perform a preliminary shorting of a CT prior to any circuit opening.

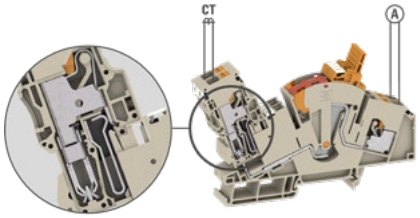


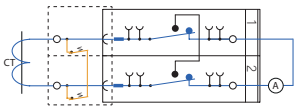


Normal operation – CT circuits
In normal operation, the plug is fully inserted. The circuit is closed and the current flows via the terminal blocks and the plug.

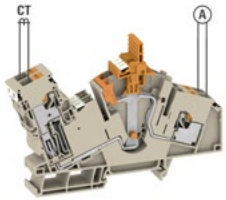


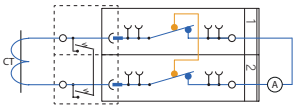


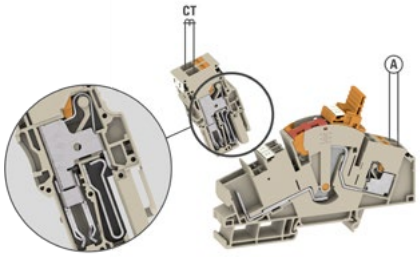


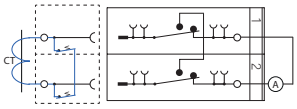


Make Before Break (MBB)– CT circuits
Throughout cabinet operational life or during assembly verifications, the circuit must be disconnected to allow further operations. To do so, the plug is partially extracted from the terminals. Before extraction is fully completed, a short circuit is established between its two poles. In a likewise manner, the same circuit status can be obtained by bringing the lever into its middle position.

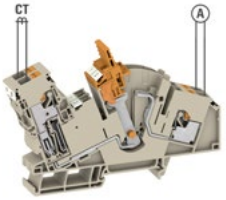


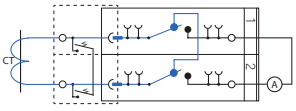




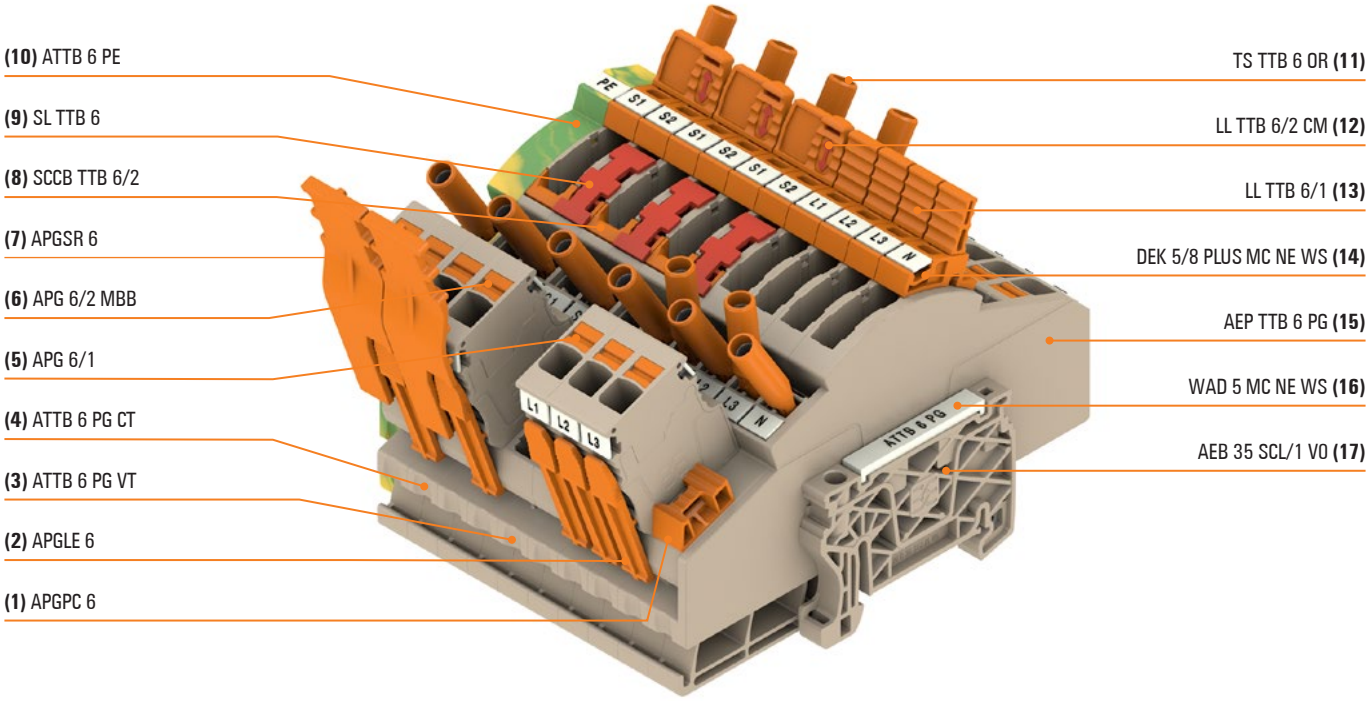


Disconnect & short circuit – CT circuits
To fully allow consequent operations, the plug is completely extracted from the base terminals, thus maintaining the previously established short circuit between its poles and subsequently opening the circuit. The circuit can be equally safely and completely opened completing the rotation of the lever to the left. As a result the system allows the operator to enjoy a redundant Make Before Break contact.





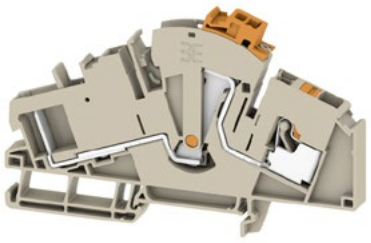
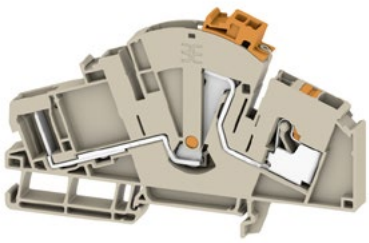
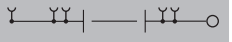
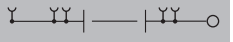
Klippon® Connect TTB-Range
Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
1	Protective cover	APGPC 6	7.9 x 15.5 x 20 mm	orange	20	**2762410000**
2	Locking element	APGLE 6	6.5 x 2.49 x 35.96 mm	orange	20	**2762400000**
3	Instrument transformer wiring terminal block (Voltage)	ATTB 6 PG VT	8.1 x 109 x 68 mm	dark beige*	50	**2762290000**
4	Instrument transformer wiring terminal block (Current)	ATTB 6 PG CT	8.1 x 109 x 68 mm	dark beige*	50	**2762280000**
5	Standard feed-through plug	APG 6/1	8.1 x 24.3 x 51 mm	beige	50	**2762320000**
6	Plug with Make Before Breake-funktion (MBB)	APG 6/2 MBB	16.2 x 27.5 x 51 mm	beige	20	**2762330000**
	Plug with Make Before Breake-funktion (MBB)	APG 6/3 MBB	24.3 x 27.5 x 51 mm	beige	20	**2762340000**
7	Strain relief	APGSR 6	15.9 x 7.7 x 58.1 mm	orange	20	**2762390000**
8	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
9	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
10	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710100000**
11	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
12	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
13	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
14	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
15	Endplate	AEP TTB 6 PG	2.1 x 108.8 x 50.77 mm	dark beige	20	**2762310000**
16	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
17	End bracket	AEB 35 SCL/1 VO	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
	Cooding element	APGCE	2.25 x 11 x 3.3 mm	orange	50	**1514490000**

* More colored version you will find inside our online catalogue

	ATTB 6 PG CT	6 mm²	ATTB 6 PG VT	6 mm²
				
Width/Height/Depth mm	8.1 x 109 x 68		8.1 x 109 x 68	
max. current / max. cond. cross-section A/mm²	**30 / 10**		**30 / 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

Rated data		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
Rated voltage	V	500	300	300		
Rated current	A	30	10	10		
for wire cross-section	mm²	6	AWG 22...8	AWG 22...8		
Short-time withstand current resistance						
Rated impulse withstand voltage / Pollution severity				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				A5 / V-0		
Approvals						
Clamped conductors		**Rated connection**				
Solid / Stranded	mm²	0.5...6 / 0.5...6				
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6				
Tightening torque	-					
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm				
Note						

Rated data		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
Rated voltage	V	500	300	300		
Rated current	A	30	29	29		
for wire cross-section	mm²	6	AWG 22...8	AWG 22...8		
Short-time withstand current resistance						
Rated impulse withstand voltage / Pollution severity				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				A5 / V-0		
Approvals						
Clamped conductors		**Rated connection**				
Solid / Stranded	mm²	0.5...6 / 0.5...6				
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6				
Tightening torque	-					
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm				
Note						

Ordering data

Version	Type	Qty.	Order No.
dark beige	ATTB 6 PG CT	50	**2762280000**
Note			

Version	Type	Qty.	Order No.
dark beige	ATTB 6 PG VT	50	**2762290000**
Note			

Accessories

	Type		Qty.	Order No.
Plug				
1-pole				
2-pole				
3-pole				
4-pole				
Short circuit bridge				
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector				
6-pole	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**
End plate				
dark beige	AEP TTB 6 PG		20	**2762310000**
Lever link				
1-pole	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**
Test plug				
orange	TS TTB 6 OR		48	**2710470000**
Switch Lock				
	SL TTB 6		50	**2710220000**
Marking tags				
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	DEK 5/8 PLUS MC WS LRP		800	**2770670000**
Plug with make before break-function (MBB)				
2-pole	APG 6/2 MBB	30 A	20	**2762330000**
3-pole	APG 6/3 MBB	30 A	20	**2762340000**
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
APG 6/1	30 A	50	**2762320000**
APG 6/2	30 A	25	**2882750000**
APG 6/3	30 A	25	**2882690000**
APG 6/4	30 A	25	**2829060000**
SCCB TTB 6/2	30 A	25	**2710190000**
SCCB TTB 6/3	30 A	25	**2710200000**
SCCB TTB 6/4	30 A	25	**2710210000**
ZQV 6N/6	41 A	20	**2733950000**
ZQV 6N/7	41 A	20	**2733960000**
ZQV 6N/10	41 A	20	**2733970000**
AEP TTB 6 PG		20	**2762310000**
LL TTB 6/1		50	**2710230000**
LL TTB 6/2		50	**2710300000**
LL TTB 6/2 CM		50	**2710370000**
TS TTB 6 OR		48	**2710470000**
SL TTB 6		50	**2710220000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
DEK 5/8 PLUS MC WS LRP		800	**2770670000**

Accessories for test-disconnect terminal TTB 6

Short circuit bridge

The short circuit bridge can be simply and quickly inserted into the terminal blocks. If several levers are connected simultaneously with the lever connector, the make before break can be realised. Once mounted, the short circuit bridge cannot be removed from the application.

SCCB TTB 6

Type	Qty.	Order No.
SCCB TTB 6/2	25	2710190000
SCCB TTB 6/3	25	2710200000
SCCB TTB 6/4	25	2710210000

Lever link

The lever link mechanically locks the connected disconnect levers of the terminal blocks. Switching the lever link together with the inserted short circuit bridge allows make before break functionality inside the application. Once mounted, the lever link cannot be removed from the application.

LL TTB 6

Type	Qty.	Order No.
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/3	50	2710440000
LL TTB 6/4	25	2710450000
LL TTB 6/6	10	2710460000
More colours at catalog.weidmueller.com		

Comparative measurement lever link

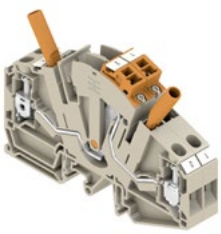
The LL TTB 6 CM enables safe and fast comparative measurement. After lifting the LL TTB 6 CM, the two levers of the terminal blocks are mechanically separated from each other and can be switched independently. Once mounted, the lever link cannot be removed from the application.

LL TTB 6 CM

Type	Qty.	Order No.
LL TTB 6/2 CM	50	2710370000
LL TTB 6/3 CM	50	2726100000
LL TTB 6/4 CM	50	2726110000
More colours at catalog.weidmueller.com		

Test socket

The test socket is used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.

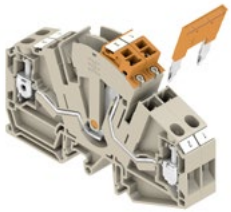


TS TTB 6

Type	Qty.	Order No.
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 YL	48	2710500000
TS TTB 6 GN	48	2710490000
TS TTB 6 VT	48	2710530000
More colours at catalog.weidmueller.com		

Cross-connection

The cross-connection enables potential multiplication or the realisation of a star connection within the application.



ZQV 6N/...

Type	Qty.	Order No.
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000

Contour-like PE terminal block

A PE terminal block with identical contour is a very useful component in a test-disconnect terminal block system, since it allows easy and safe realisation of star connection / reference points within the application.

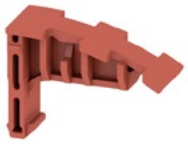
TTB 6 PE

Type	Qty.	Order No.
ATTB 6 PE	50	2710080000
WTTB 6 PE	50	2710100000
HTTB 6 PE	50	2710120000

Switch lock

The switch lock can be easily inserted into the terminal from above. The switch lock prevents unauthorised opening or closing of circuits as they block the disconnect lever in its respective position.

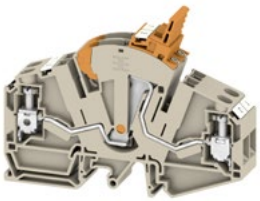
SL TTB 6

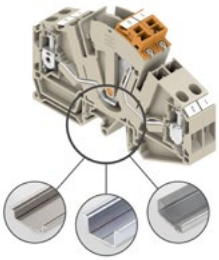


Type	Qty.	Order No.
SL TTB 6	50	2710220000

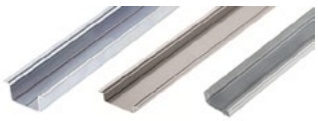
Combi-foot (for WTTB 6 and HTTB 6)

Integrated combi-foot allows easy and quick mounting onto all available TH 35 and G32 rails, thus allowing cost and time effective panel retrofit.



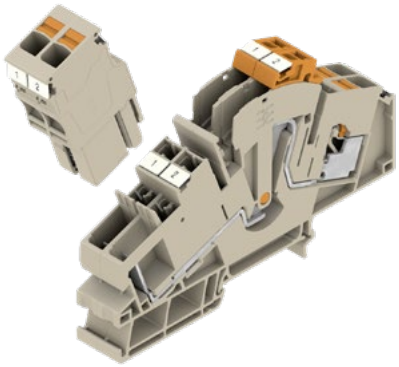


TS35 x ... / TS32 x ...



Type	Qty.	Order No.
TS 32X15 2M/ST/ZN	20	0122800000
TS 35X7.5/LL 2M/ST/ZN	40	0514500000
TS 35X15/LL 2M/ST/ZN	20	0236500000

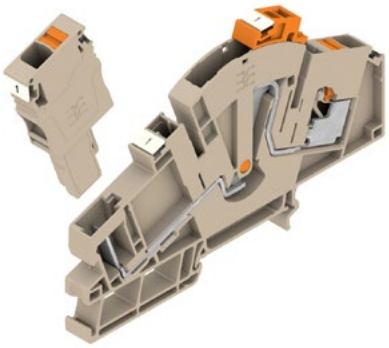
Accessories for test-disconnect terminal TTB 6



Plug with MBB function

The specially designed 2- and 3-pole self shorting plugs offer, in addition to all handling advanteges, a guarantee make-before-break contact.

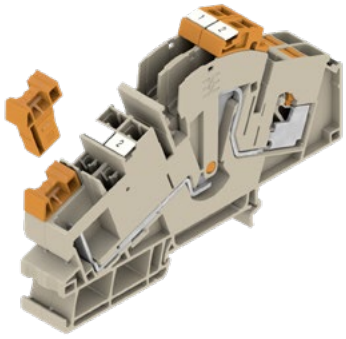
Type	Qty.	Order No.
APG 6/2 MBB	50	2762330000
APG 6/3 MBB	50	2762340000



Standard plug

For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same handling easiness and safety required also for voltage circuits.

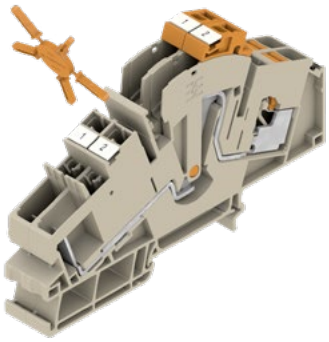
Type	Qty.	Order No.
APG 6/1	50	2762320000



Protective cover

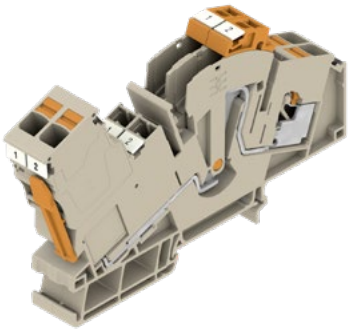
The cover of the plug contact offers protection from external influences, e.g. soiling from dust.

Type	Qty.	Order No.
APGPC 6	50	2762410000



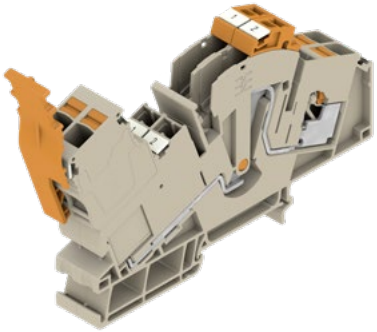
Cooding element
With the use of coding pins, individual coding options ensure trouble-free plug-in connection.

Type	Qty.	Order No.
APGCE	50	1514490000



Locking element
The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the base terminal and ensures maximum safety.

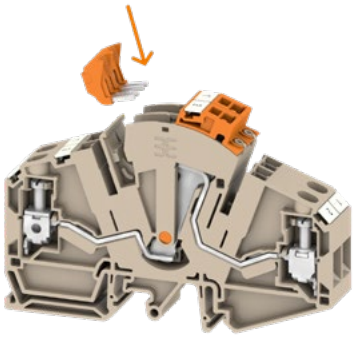
Type	Qty.	Order No.
APGLE 6	50	2762400000



Strain relief
The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point

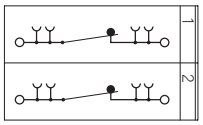
Type	Qty.	Order No.
APGSR 6	50	2762390000

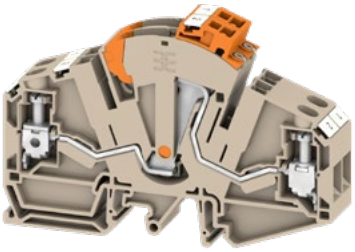
Application examples
Changing a Protection/Metering device



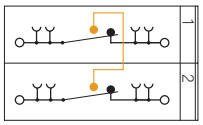
Planning and installation: Equipping the terminal blocks with accessories

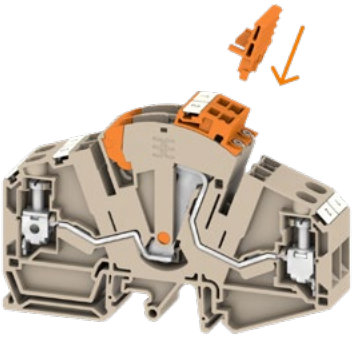
1. SCCB TTB 6 short circuit bridge installation in progress
The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in it´s deidcated channel. Once mounted, the short circuit bridge cannot be removed from the application.



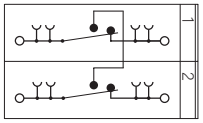


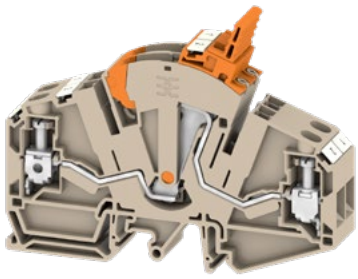
2. SCCB TTB 6 short circuit bridge installation completed
When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



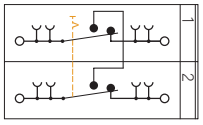


3. LL TTB 6 lever link installation in progress
The lever link is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.

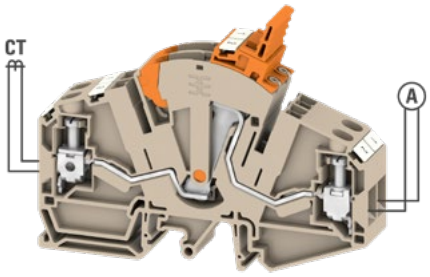




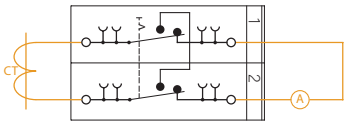
4. LL TTB 6 lever link installation completed
The mechanical connection between the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers.



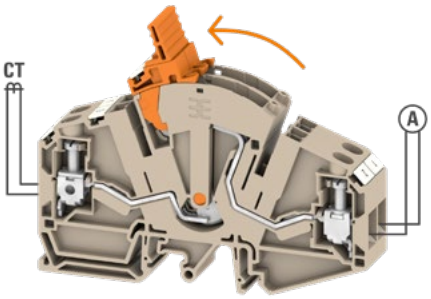
Installation: Wiring transformer and ammeter wiring



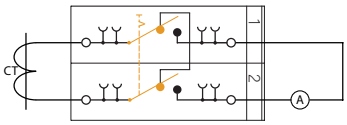
Wiring of current transformer and ammeter
The transformer will be connected in the clamping units usptream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.

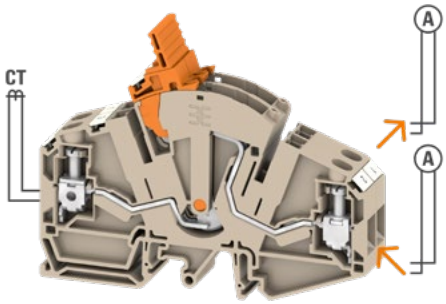


Operation: Changing an ammeter

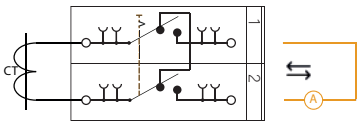


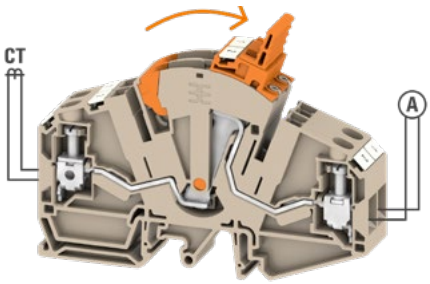
1. Switching the lever link
Switching the lever link causes an automatic short circuit (make before break mechanism) on the secondary wiring of the current transformer. This prevents the voltage on the current transformer from surging and protects it from damage leading to its destruction.



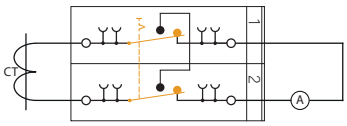


2. Replacing the ammeter
After short-circuiting the current transformer side and simultaneously disconnecting the circuit through the lever switching, the ammeter can be replaced easily and safely.





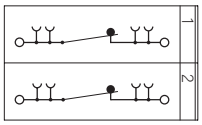
3. Restoring the lever link back into original position
Switching backwards the lever, restores the entire arrangement into its original status. The transition from the automatic short circuit back to the initial position is realised smoothly and safely.

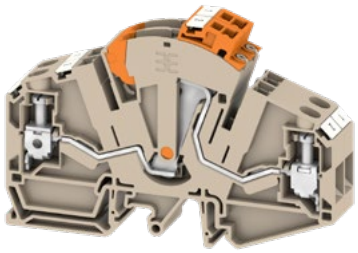


Application examples
Performing a comparative measurement

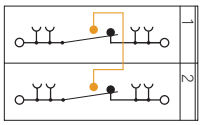
Planning and installation: Equipping the terminal blocks with accessories

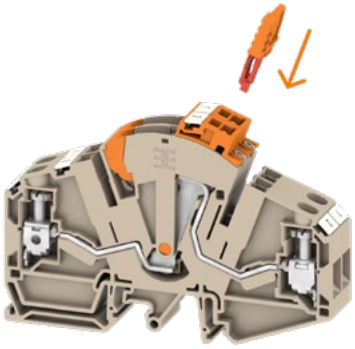
1. SCCB TTB 6 short circuit bridge installation in progress
The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in it´s deidcated channel. Once mounted, the short circuit bridge cannot be removed from the application.



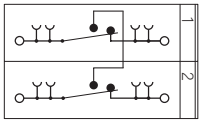


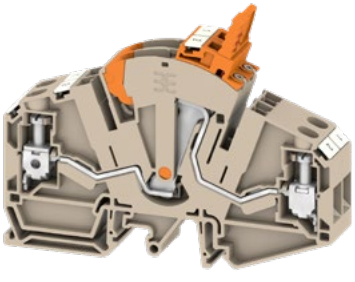
2. SCCB TTB 6 short circuit bridge installation completed
When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



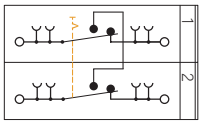


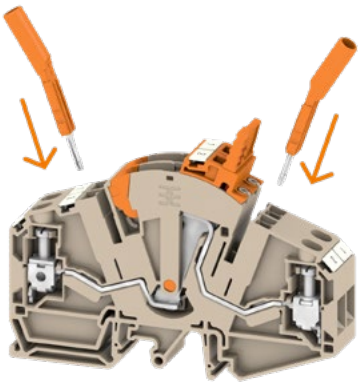
3. LL TTB 6 CM lever link installation in progress
The CM lever link (having long, asymmetrical, red coloured foot) is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



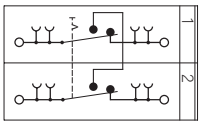


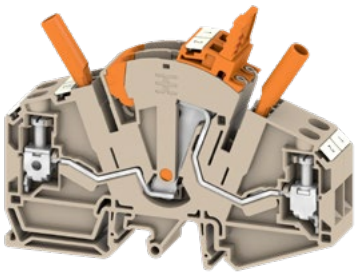
4. LL TTB 6 CM lever link installation completed
The mechanical connection of the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers. By lifting the LL TTB 6 CM, the two (or more) disconnect levers of the terminal blocks are disengaged from each other and can be switched independently. Prior to any re-energising of the circuit, the CM needs to be pushed down into original position and the circuit closed.



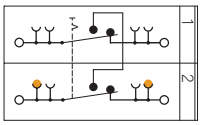


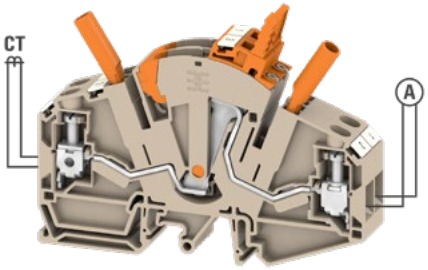
5. TS TTB 6 test sockets installation in progress
The TS TTB 6 test sockets are inserted into the bespoke housings provided in the terminal blocks from above. Once inserted, the test sockets cannot be removed from the installation.





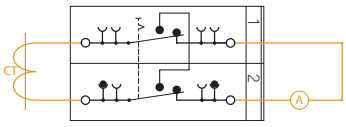
6. TS TTB 6 test sockets installation completed
The test sockets are used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.



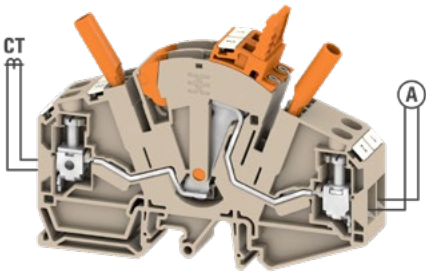


Installation: Wiring the transformer and the ammeter

The transformer will be connected in the clamping unit usptream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.

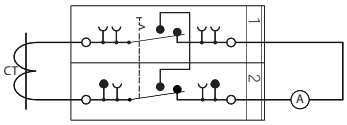


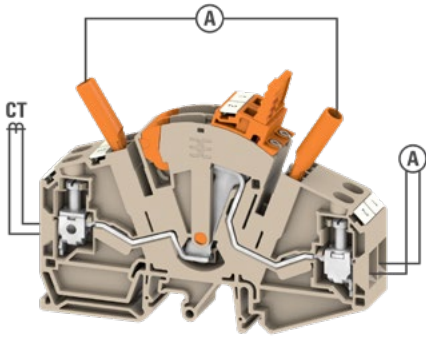
Application examples
Performing a comparative measurement



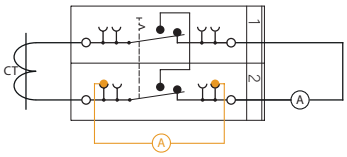
Operation: Performing a comparative measurement

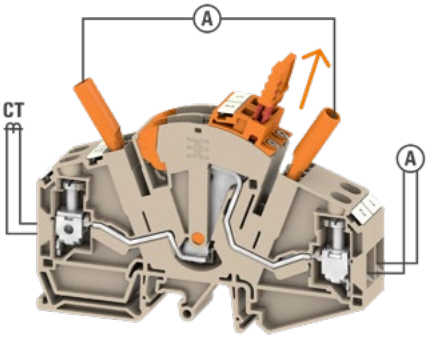
1. Configuration correctly equipped
The installation of the required accessories to equip the terminal arrangement for comparative measurement and also the wiring of the primary side as well as the secondary side, has already been carried out. The installation is correctly prepared to perform the required operations.



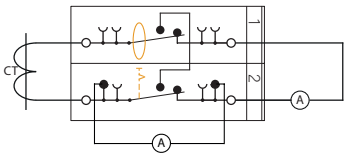


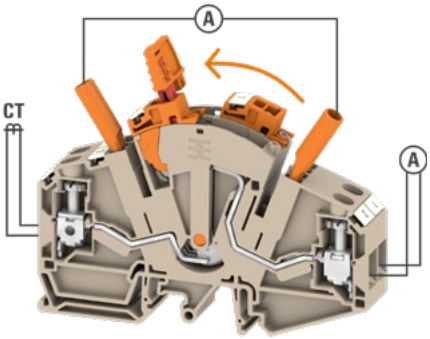
2. Connection of a reference measuring (calibrated) instrument
The reference measuring (calibrated) instrument is connected via standard 4.0 plugs to the test sockets on a terminal block. The connection is made inserting in parralel the calibrated instrument to the terminal block, where the disconnection will take place.



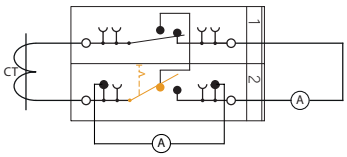


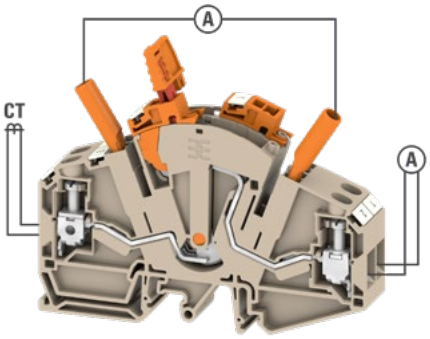
3. Lifting up the LL TTB 6 CM lever link
Lifting up the lever link LL TTB 6 CM causes a mechanical decoupling of the two disconnect levers. Now the two disconnect levers can be operated independently from each other within this application.





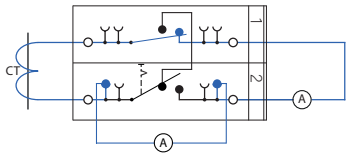
4. Switching the LL TTB 6 CM lever link
By switching the previously decoupled lever link, the current flow is diverted from the terminal block through the now parallel-connected reference measuring instrument.

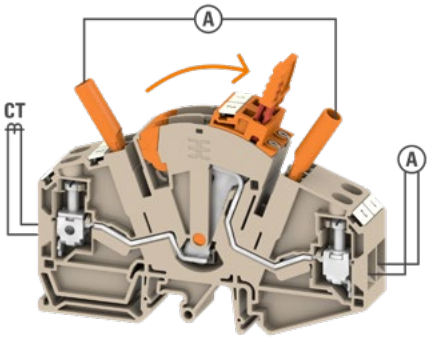




5. Performing the comparative reading of the two ammeters

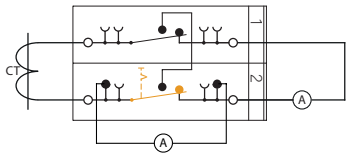
The values measured by the ammeter connected downstream can now be compared with the values given by the reference meter since both instruments are reading the same current. The comparison measurement has now been successfully completed and the correct functional verification of the ammeter connected downstream the terminal has been carried out.

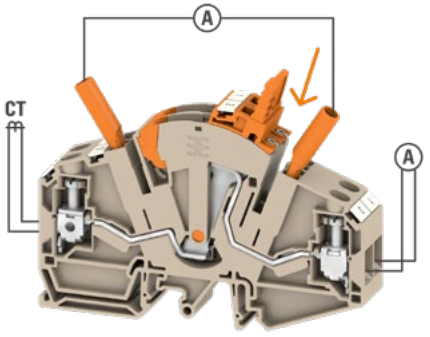




6. Restoring the lever link back into original position

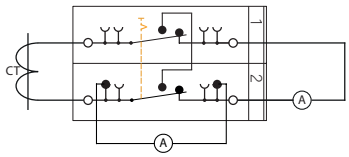
Switching backwards the lever, restores the entire arrangement into its original status. The transition from the comparative measurement status back to the initial position is realised smoothly and safely.

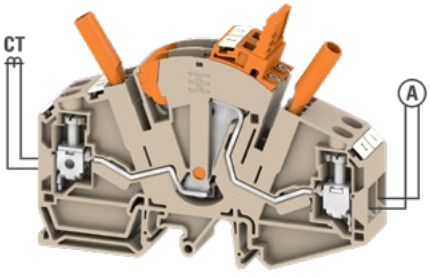




7. Pressing down the LL TTB 6 CM lever link

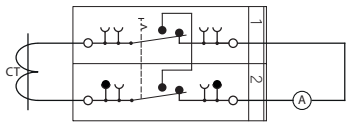
Pressing down the LL TTB 6 CM lever link restores the mechanical connection of the two disconnect levers within the application.





8. Disconnecting of the reference measuring instrument

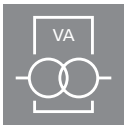
The reference measurement instrument is therefore disconnected from the installation by simply removing its plugs from the test sockets of the terminal block and the installation is restored in the initial status



Simple, fast, and safe wiring of current and voltage transformers

Klippon® Connect instrument transformer wiring terminal blocks

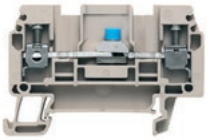
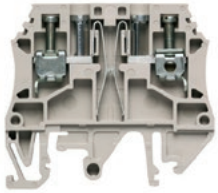
In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.



Instrument transformer wiring terminal blocks with tension clamp connection
The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

Instrument transformer wiring terminal blocks with screw connection
With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and costeffectively.

Instrument transformer wiring terminal blocks with stud connection
The Instrument transformer wiring terminal blocks SDL 4 with stud connection technology enables simple instrument transformer wiring of ring cable lugs.

	WTL 4	WTL 4/2
	4 mm²	4 mm²
		Enforced short-circuit function
		
Width/Height/Depth mm	6.1 x 61.3 x 39.9	6 x 56.5 x 48.5
max. current / max. cond. cross-section A	**41 / 6**	**11 / 6**
Max. clamping range mm²	**0.13...6**	**0.13...6**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Rated current	A	32	28	28	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.4...0.7 / (M 2.5)			
Tightening torque Separating screw	Nm	0.5...0.7			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	150	
Rated current	A	10	8	8	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.5...0.8 / (M 3)			
Tightening torque Separating screw	Nm				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
With socket	WTL 4/STB	50	1754970000
without socket	WTL 4	50	1754960000
Note			

Type	Qty.	Order No.
WTL 4/2 STB	50	1881650000

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 4/2	41 A	50	1051960000
3-pole	WQV 4/3	41 A	50	1054560000
4-pole	WQV 4/4	41 A	50	1054660000
10-pole	WQV 4/10	41 A	20	1052060000
End plate / Partition plate				
dark beige	ZAP/TW 1		50	1608740000
End bracket				
dark beige	WEW 35/2		50	1061200000
Cross-connection slider				
2-pole	QVS 2/4 SAKT4	32 A	20	1319260000
Mounting screw for QVS	BFSC M3X22 SAKT4		50	1319900000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Socket	STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
Standard				
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000

Type	Qty.	Order No.
WAP WTL4/2	50	1881640000
WEW 35/2	50	1061200000
WTA 8 TN 6 A	25	1915450000
WS 12/6 MC NE WS	600	1609900000

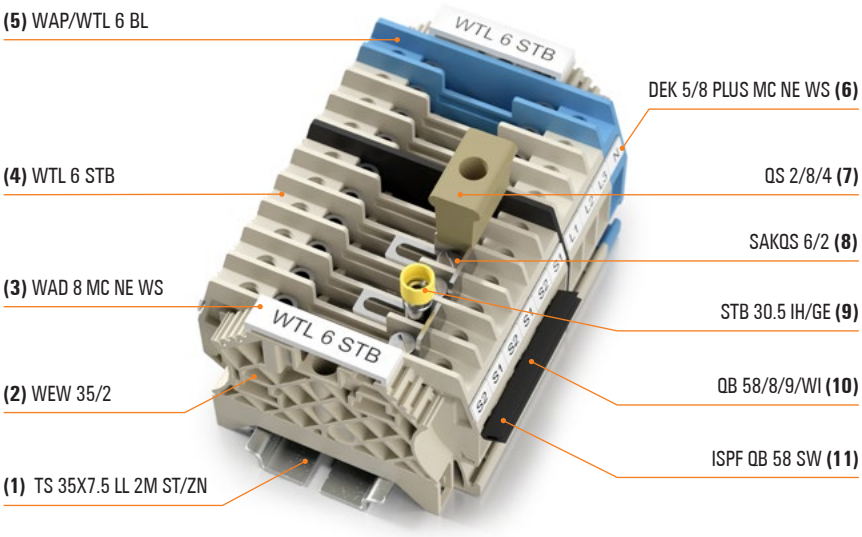
For detailed information on other accessories and application in the online catalogue

VA

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6 STB

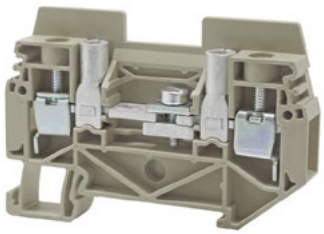


Ordering data

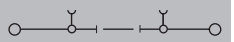
Pos.	Description		Type	Dimensions	Color	Order No.	Qty.
1	Mounting rail		TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	**0514500000**	2
2	End bracket		WEW 35/2	6 x 52.6 x 36.5 mm	beige*	**1061200000**	100
3	Group marker		WAD 8 MC NE WS	8 x 11.7 x 33.3 mm	white	**1112940000**	48
4	Instrument transformer wiring terminal block		WTL 6 STB	8.1 x 69 x 100 mm	beige*	**2863880000**	50
	Instrument transformer wiring terminal block		WTL 6 STB BL	8.1 x 69 x 100 mm	beige*	**2863890000**	50
	Instrument transformer wiring terminal block		WTL 6 STB SW	8.1 x 69 x 100 mm	beige*	**2863900000**	50
	Instrument transformer wiring terminal block		WTL 6 STB GR	8.1 x 69 x 100 mm	beige*	**2863910000**	50
5	End plate		WAP/WTL 6 BL	2.1 x 34 x 61 mm	blue	**2863970000**	20
	End plate		WAP/WTL 6	2.1 x 34 x 61 mm	beige	**2863960000**	20
	End plate		WAP/WTL 6 SW	2.1 x 34 x 61 mm	black	**2868510000**	20
	End plate		WAP/WTL 6 GR	2.1 x 34 x 61 mm	light grey	**2868500000**	20
	Partition plate		WTW WTL 6/1 4MM	1.5 x 65 x 44.5 mm	dark beige	**1766900000**	20
6	Terminal block marker		DEK 5/8 PLUS MC NE WS	8 x 2.2 x 5 mm	white	**1046350000**	800
7	Short circuit bridge (pluggable)	2-pole	QS 2/8/4	16 x 12 x 34.5 mm	silver	**2709600000**	20
8	Short circuit bridge (screwable with slider)	2-pole	SAKQS 6/2		silver	**2111240000**	10
	Short circuit bridge (screwable with slider)	4-pole	SAKQS 6/4		silver	**2111670000**	10
9	Test plug		STB 30.5 IH/GE	7.2 x 7.2 x 31.7 mm	yellow	**0341500000**	50
	Test plug		STB 30.5 IH/SW	7.2 x 7.2 x 31.7 mm	black	**0341000000**	50
	Test plug		STB 30.5 IH/GR	7.2 x 7.2 x 31.7 mm	light grey	**0341100000**	50
	Test plug		STB 30.5 IH/BL	7.2 x 7.2 x 31.7 mm	blue	**0341200000**	50
	Test plug		STB 30.5 IH/RT	7.2 x 7.2 x 31.7 mm	red	**0341300000**	50
	Test plug		STB 30.5 IH/GN	7.2 x 7.2 x 31.7 mm	green	**0341400000**	50
	Test plug		STB 30.5 IH/VI	7.2 x 7.2 x 31.7 mm	violet	**0341600000**	50
	Test plug		STB 30.5 IH/BR	7.2 x 7.2 x 31.7 mm	brown	**1027870000**	50
10	Cross-connection - straight 58-pole		QB 58/8/15	458.5 x 0.8 x 17.5 mm	silver	**0545400000**	10
10	Cross-connection - angled 58-pole		QB 58/8/9/WI	458.5 x 0.8 x 17.5 mm	silver	**0545300000**	10
11	Insulation profile (black) 58-pole		ISPF QB 58 SW	465 x 5.7 x 2.5 mm	black	**0546000000**	10
	Short circuit bridge (screwable and fixed) 2-pole		SAKQB 6/2		silver	**2615330000**	20
	Short circuit bridge (screwable and fixed) 3-pole		SAKQB 6/3		silver	**2615340000**	20
	Short circuit bridge (screwable and fixed) 4-pole		SAKQB 6/4		silver	**2615360000**	20
	Short circuit bridge (screwable and fixed) 10-pole		SAKQB 6/10		silver	**2111230000**	10
	Test plug		PS 4 F.STB 4	7.7 x 7.7 x 42 mm	red	**0299600000**	20

* More color variants in our online catalog

WTL 6 STB — 6 mm²



Width/Height/Depth	7.9 x 69 x 46.5 mm
max. current / max. cond. cross-section	**41 / 10** A
Max. clamping range	**0.5...10** mm²



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500	150		
Rated current	41	30		
for wire cross-section	6	AWG 20...8		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Approvals				

Clamped conductors	Rated connection
Solid / Stranded mm²	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6
Tightening torque / Clamping screw Nm	0.8...1.2 / (M 3.5)
Tightening torque Separating screw Nm	0.5...0.8
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTL 6 STB	50	**2863880000**
Blue	WTL 6 STB BL	50	**2863890000**
Black	WTL 6 STB SW	50	**2863900000**
light grey	WTL 6 STB GR	50	**2863910000**

Note

Accessories

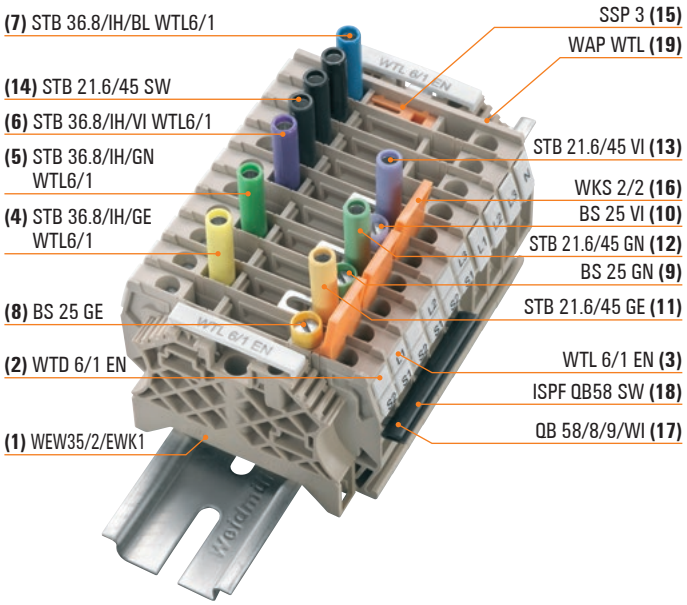
	Type		Qty.	Order No.
Short circuit bridge (screwable with slider)				
2-pole	SAKQS 6/2		10	**2111240000**
4-pole	SAKQS 6/4		10	**2111670000**
Short circuit bridge (screwable and fi xed)				
2-pole	SAKQB 6/2		20	**2615330000**
4-pole	SAKQB 6/4		20	**2615360000**
Short circuit bridge (pluggable)				
2-pole	QS 2/8/4	44 A	20	**0270960000**
Cross-connector				
58-pole, straight	QB 58/8/15	27 A	10	**0545400000**
58-pole, angled	QB 58/8/9/WI	27 A	10	**0545300000**
58-pole, Isolation profile (black)	ISPF QB58 SW		10	**0546000000**
Test socket				
yellow	STB 30.5 IH/GE		50	**0341500000**
green	STB 30.5 IH/GN		50	**0341400000**
violet	STB 30.5 IH/VI		50	**0341600000**
blue	STB 30.5 IH/BL		50	**0341200000**
End plate				
dark beige	WAP WTL 6		20	**2863960000**
blue	WAP WTL 6 BL		20	**2863970000**
Black	WAP WTL 6 SW		20	**2868510000**
green	WAP WTL 6 GR		20	**2868500000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
Marking tags				
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN



STB 21.6/45

(20) VH 16

WAP WTL

Ordering data

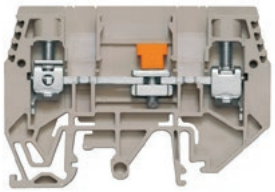
Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	**1061200000**	**0206160000**	2
2	WTD 6/1 EN	**1934830000**	**1934830000**	3
3	WTL 6/1 EN	**1934810000**	**1934810000**	7
4	STB 36.8/IH/GE WTL6/1	**1847760000**	**1847760000**	1
5	STB 36.8/IH/GN WTL6/1	**1847770000**	**1847770000**	1
6	STB 36.8/IH/VI WTL6/1	**1847780000**	**1847780000**	1
7	STB 36.8/IH/BL WTL6/1	**1847790000**	**1847790000**	1
8	BS 25 GE	**0335700000**	**0335700000**	1
9	BS 25 GN	**0335600000**	**0335600000**	1
10	BS 25 VI	**0335800000**	**0335800000**	1
11	STB 21.6/45 GE	**1936240000**	**1936240000**	2
12	STB 21.6/45 GN	**1936250000**	**1936250000**	2
13	STB 21.6/45 VI	**1936260000**	**1936260000**	2
14	STB 21.6/45 SW	**1936270000**	**1936270000**	2
15	SSP 3	**0531760000**	**0531760000**	7
16	WKS 2/2	**1936140000**	**1936140000**	3
17	QB 58/8/9/WI	**0545300000**	**0545300000**	1
18	ISPF QB58 SW	**0546000000**	**0546000000**	1
19	WAP WTL	**1957710000**	**1957710000**	1
20	VH 16	**0309700000**	**0309700000**	9

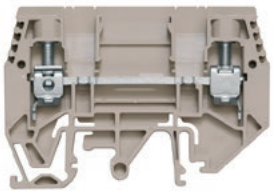
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
17	QB 58*angled	**0545300000**	**0545300000**	1
18	ISPFQB58SW*	**0546000000**	**0546000000**	1

* Shorten to 5 poles

	WTL 6/1 EN	6 mm²	WTD 6/1 EN	6 mm²
	Longitudinal - disconnector		Feed-through (bushing)	





Width/Height/Depth	mm	7.9 x 68.5 x 47.5	7.9 x 65 x 47.5
max. current / max. cond. cross-section	A	57 / 10	57 / 10
Max. clamping range	mm²	0.5...10	0.5...10

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Rated current	A	41	45	45	
for wire cross-section	mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0		
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Tightening torque / Clamping screw	Nm				
Tightening torque Separating screw	Nm				
Stripping length / Blade size	mm/-				
Note					

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	630	300	300	
Rated current	A	41	45	45	
for wire cross-section	mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0		
Approvals					
Clamped conductors					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Tightening torque / Clamping screw	Nm				
Tightening torque Separating screw	Nm				
Stripping length / Blade size	mm/-				
Note					

Ordering data

Version	Type	Qty.	Order No.
With socket	WTL 6/1 EN STB	50	1934820000
without socket	WTL 6/1 EN	50	1934810000
Note			

Type	Qty.	Order No.
WTD 6/1 EN	50	1934830000

Accessories

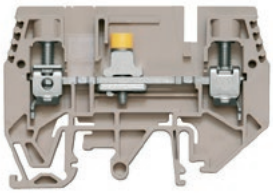
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
End plate / Partition plate				
dark beige	WAP WTL6/1 EN		20	1957710000
dark beige	WTW WTL6/1 DB		20	1068400000
End bracket				
dark beige	WEW 35/2		50	1061200000
Cross-connection slider				
2-pole	WKS 2/2	41 A	50	1936140000
3-pole	WKS 2/3	41 A	50	1936150000
4-pole	WKS 2/4	41 A	50	1936160000
Connecting sleeve for QVS	VH 16.1/5/3.4		50	0309700000
Testing / Checking				
Socket - blue	STB 21.6/45 BL		50	1936290000
Socket - yellow	STB 21.6/45 GE		50	1936240000
Socket - green	STB 21.6/45 GN		50	1936250000
Socket	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue	STB 36.8/IH/BL WTL6/1		50	1847790000
Socket - yellow	STB 36.8/IH/GE WTL6/1		50	1847760000
Socket - green	STB 36.8/IH/GN WTL6/1		50	1847770000
Miscellaneous accessories				
Lockout device				
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000
	WS 12/8 PLUS MC NE WS		420	1906000000

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
End plate / Partition plate				
dark beige	WAP WTL6/1 EN		20	1957710000
dark beige	WTW WTL6/1 DB		20	1068400000
End bracket				
dark beige	WEW 35/2		50	1061200000
Cross-connection slider				
2-pole	WKS 2/2	41 A	50	1936140000
3-pole	WKS 2/3	41 A	50	1936150000
4-pole	WKS 2/4	41 A	50	1936160000
Connecting sleeve for QVS	VH 16.1/5/3.4		50	0309700000
Testing / Checking				
Socket - blue	STB 21.6/45 BL		50	1936290000
Socket - yellow	STB 21.6/45 GE		50	1936240000
Socket - green	STB 21.6/45 GN		50	1936250000
Socket	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue	STB 36.8/IH/BL WTL6/1		50	1847790000
Socket - yellow	STB 36.8/IH/GE WTL6/1		50	1847760000
Socket - green	STB 36.8/IH/GN WTL6/1		50	1847770000
Miscellaneous accessories				
Lockout device				
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000
	WS 12/8 PLUS MC NE WS		420	1906000000

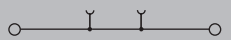
For detailed information on other accessories and application in the online catalogue

WTQ 6/1 EN — 6 mm²

Cross-connect/disconnect (isolator)



Width/Height/Depth	mm	7.9 x 65 x 47.5
max. current / max. cond. cross-section	A	**57 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Rated current	A	41	45	45	
for wire cross-section	mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0		
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6			
Tightening torque / Clamping screw	-	/ (M 3.5)			
Tightening torque Separating screw	-				
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
With socket	WTQ 6/1 EN STB	50	**1934800000**
without socket	WTQ 6/1 EN	50	**1934790000**
Note			

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate				
dark beige	WAP WTL6/1 EN		20	**1957710000**
dark beige	WTW WTL6/1 DB		20	**1068400000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Cross-connection slider				
2-pole	WKS 2/2	41 A	50	**1936140000**
3-pole	WKS 2/3	41 A	50	**1936150000**
4-pole	WKS 2/4	41 A	50	**1936160000**
Connecting sleeve for QVS	VH 16.1/5/3.4		50	**0309700000**
Testing / Checking				
Socket - blue	STB 21.6/45 BL		50	**1936290000**
Socket - yellow	STB 21.6/45 GE		50	**1936240000**
Socket - green	STB 21.6/45 GN		50	**1936250000**
Socket	STB 14/D6/4/M3 SAK10		500	**2012420000**
Socket - blue	STB 36.8/IH/BL WTL6/1		50	**1847790000**
Socket - yellow	STB 36.8/IH/GE WTL6/1		50	**1847760000**
Socket - green	STB 36.8/IH/GN WTL6/1		50	**1847770000**
Miscellaneous accessories				
Lockout device				
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**

For detailed information on other accessories and application in the online catalogue

VA

Accessories for test-disconnect terminals WTL 6/1

Technical data

Rated voltage for neighbouring	rated voltage
WQV	bis 400 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	**0531760000**
SSP WTL	100	**1604200000**

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.

Accessories for test-disconnect terminals WTL 6/1 EN

BS / VH

Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	**0335700000**
BS 25	green	50	**0335600000**
BS 25	violet	50	**0335800000**
BS 25	grey	50	**0335300000**
BS 25	black	50	**0335200000**
BS 25	blue	50	**0335400000**
BS 25	red	50	**0335500000**
BS 25	blank	50	**0334700000**
STB 25			
STB 21.6/45 BL	blue	50	**1936290000**
STB 21.6/45 DB	d.blue	50	**1938790000**
STB 21.6/45 GE	yellow	50	**1936240000**
STB 21.6/45 GN	green	50	**1936250000**
STB 21.6/45 GR	grey	50	**1936280000**
STB 21.6/45 RT	red	50	**1936300000**
STB 21.6/45 SW	black	50	**1936270000**
STB 21.6/45 VI	violet	50	**1936260000**
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	**0309700000**
STB 36,8			
STB 36.8/IH/GE WTL6/1		50	**1847760000**
STB 36.8/IH/GN WTL6/1		50	**1847770000**
STB 36.8/IH/VI WTL6/1		50	**1847780000**
STB 36.8/IH/BL WTL6/1		50	**1847790000**

WQV / QL

WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	**1052360000**
WQV 6/3	3	50	**1054760000**
WQV 6/4	4	50	**1054860000**
WQV 6/5	5	50	**1062660000**
WQV 6/7	7	50	**1062680000**
WQV 6/10	10	20	**1052260000**

WKB / WKS

WKB **WKS 1** **WKS 2**

Type	No. of poles	Qty.	Order No.
WKB			
WKB 1/2	2	50	**1604280000**
WKB 1/3	3	50	**1604300000**
WKB 1/4	4	50	**1604320000**
WKB 1/10	10	20	**1604330000**
WKS			
WKS 1/2	2	50	**1604270000**
WKS 1/3	3	50	**1604290000**
WKS 1/4	4	50	**1604310000**
WKS 2/2	2	50	**1936140000**
WKS 2/3	3	50	**1936150000**

QS 2

Type	No. of poles	Qty.	Order No.
QS			
QS 2 x = 8 mm, y = 16 mm	2	20	**0270960000**
QS 2 x = 10 mm, y = 20 mm	2	20	**0270860000**
QS 2 x = 12 mm, y = 20 mm	2	20	**0270760000**

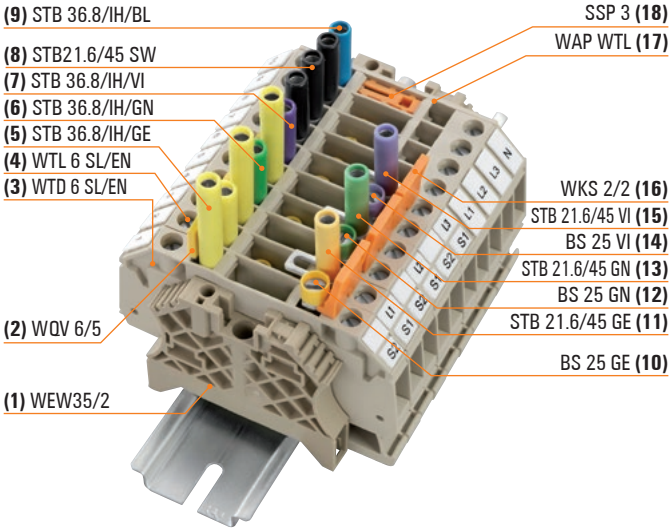
B

Testing made easy
WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

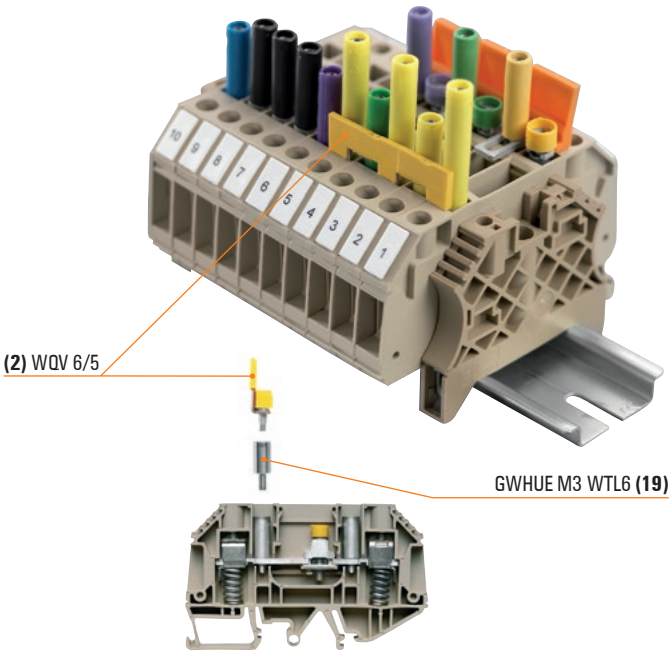


STB 21.6/45 DB

(20) VH 19

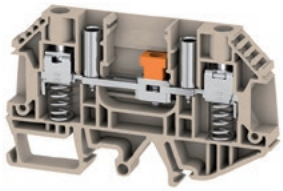
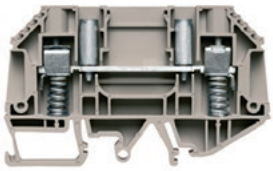
WAP WTL6 SL

Example transformer using WTL 6 SL EN / WTD 6 SL EN



Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3
20	VH 19	0318000000	6

	WTL 6 SL/EN	WTD 6 SL/EN
	6 mm²	6 mm²
	Longitudinal - disconnector	Feed-through
		
Width/Height/Depth mm	7.9 x 82.7 x 49.5	7.9 x 82.7 x 49.5
max. current / max. cond. cross-section A	57 / 6	57 / 6
Max. clamping range mm²	0.5...6	0.5...6

Technical data

	WTL 6 SL/EN	WTD 6 SL/EN
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC 500 / UL 41 / CSA 6 / EN 60079-7	IEC 630 / UL 41 / CSA 6 / EN 60079-7
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity	6 kV / 2	6 kV / 2
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	CE UKCA	CE KEMA KEUR UKCA
Clamped conductors		
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...5	0.5...6 / 0.5...6
Tightening torque / Clamping screw Nm	0.8...1.6 / (M 3.5)	0.8...1.6 / (M 3.5)
Tightening torque Separating screw Nm	0.5...0.7	
Stripping length / Blade size mm/-	16 / 0.8 x 4.0 mm	16 / 0.8 x 4.0 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
With socket	WTL 6 SL/EN	50	9538080000	WTD 6 SL/EN	50	9538100000
Note						

Accessories

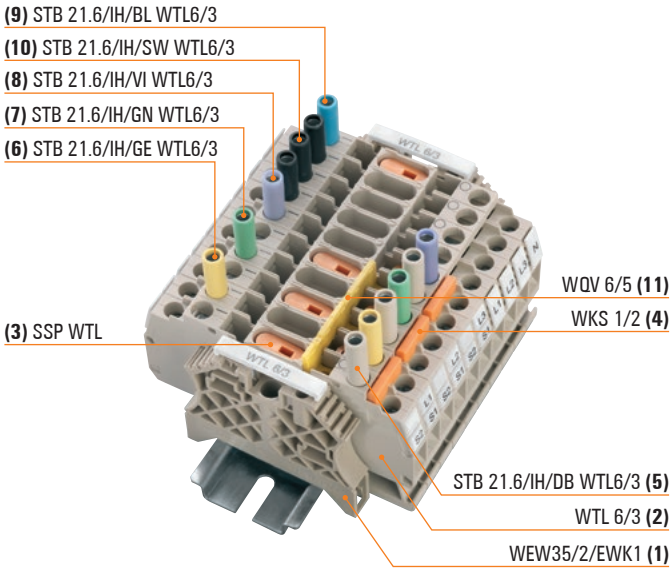
	Type		Qty.	Order No.	Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 6/2	57 A	50	1052360000	WQV 6/2	57 A	50	1052360000
3-pole					WQV 6/3	57 A	50	1054760000
4-pole					WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000	WQV 6/10	57 A	20	1052260000
End plate / Partition plate								
Black	WAP WTL6 SL		20	9538110000	WAP WTL6 SL		20	9538110000
dark beige	WAP WTL6 SL 4-6		20	1238880000	WAP WTL6 SL 4-6		20	1238880000
dark beige	WTW EN		20	1058800000	WTW EN		20	1058800000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Hak. Cable lugs								
	HBT 1,5 - 4,6 RT		100	1233340000	HBT 1,5 - 4,6 RT		100	1233340000
	HBT 2,5 - 4,6 BL		100	1233330000	HBT 2,5 - 4,6 BL		100	1233330000
	HBT 6,0 - 4,6 GE		100	1216230000	HBT 6,0 - 4,6 GE		100	1216230000
Marking tags								
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000
Threaded bushing								
Standard	GWHUE M3 WTL6		50	1255010000				

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/3



Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000		10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

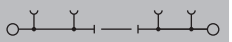
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1

WTL 6/3 — 6 mm²

Longitudinal - disconnector

Width/Height/Depth	mm	7.9 x 87 x 64
max. current / max. cond. cross-section	A	**57 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Rated current	A	41	45	45	
for wire cross-section	mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0		
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 10...10			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6			
Tightening torque (clamping screw for copper conductors)	-	/ (M 3.5)			
Tightening torque (separating screw)	-				
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
With socket	WTL 6/3/STB	50	**1018600000**
without socket	WTL 6/3	50	**1018800000**
Note	TS 32 version on request		

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Cross-connection slider				
2-pole	WKS 1/2	41 A	50	**1604270000**
3-pole	WKS 1/3	41 A	50	**1604290000**
4-pole	WKS 1/4	41 A	50	**1604310000**
Testing / Checking				
Test plug	PS 4 F.STB 4		20	**0299600000**
Socket - blue	STB 21.6/IH/BL WTL6/3		50	**1071080000**
Socket - yellow	STB 21.6/IH/GE WTL6/3		50	**1071010000**
Socket - green	STB 21.6/IH/GN WTL6/3		50	**1071020000**
Socket - magenta	STB 21.6/IH/VI WTL6/3		50	**1071030000**
Miscellaneous accessories				
Lockout device	SSP WTL6/2		100	**1604200000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**

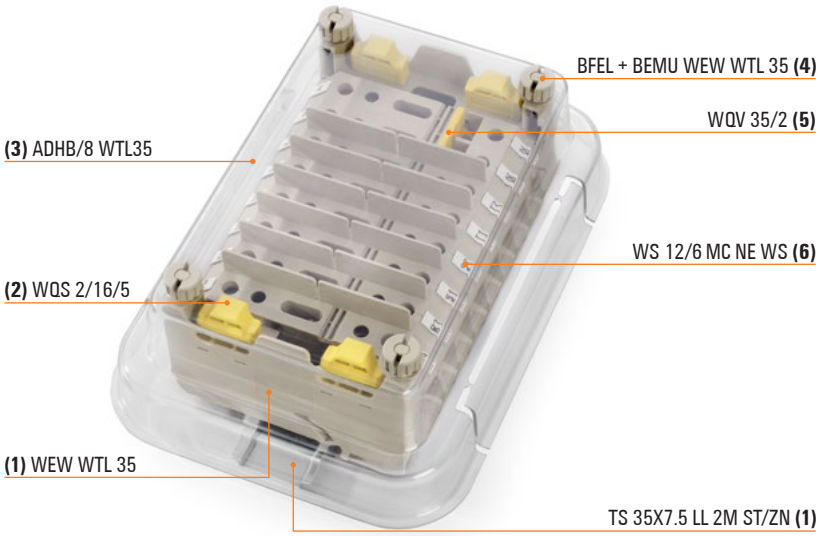
For detailed information on other accessories and application in the online catalogue

For further modular disconnect test terminal accessories, refer to chapter on Accessories.

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

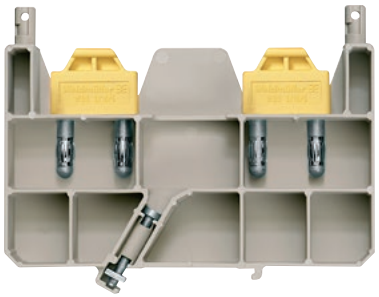
WTL 35



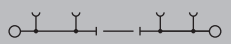
Ordering data

Pos.	Type	Order No.	Qty.
1	WEW WTL 35	**1925040000**	10
2	WQS 2/16/5	**1925070000**	10
3	ADHB/8 WTL35	**2334730000**	25
4	BFEL + BEMU WEW WTL 35	**1964820000**	20
5	WQV 35/2	**1053060000**	50
6	WS 12/6 MC NE WS	**1609900000**	600
7	TS 35X7.5 LL 2M ST/ZN	**0514500000**	2

WTL 35 — 35 mm²



Width/Height/Depth	mm	16 x 100 x 67.5
max. current / max. cond. cross-section	A	**125 / 35**
Max. clamping range	mm²	**4...35**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500			
Rated current	A	125			
for wire cross-section	mm²	35			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				B9 / V-0	
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	4...16 / 10...35			
Flexible / Flexible with ferrule	mm²	4...35 / 4...35			
Tightening torque / Clamping screw	-	/ (M 6)			
Tightening torque Separating screw	Nm	1.7...2.4			
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
with 2 sockets	WTL 35/1STB/WQV	10	1925050000
With socket	WTL 35/2STB	10	1925030000
with Socket	WTL 35/1STB	10	1925060000
Note			

Accessories

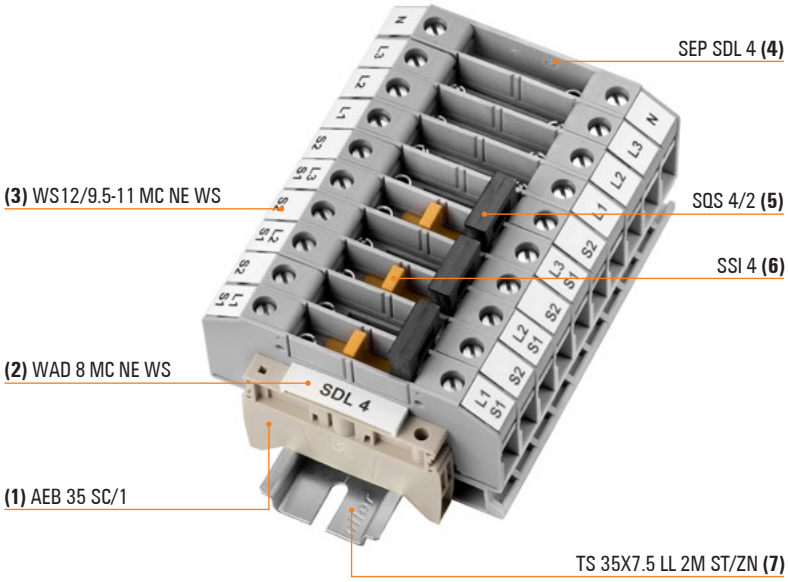
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 35/2	138 A	50	1053060000
	WQS 2/16/5	44 A	10	1925070000
End bracket				
dark beige	WEW WTL 35		10	1925040000
Cover				
	ADHB/8 WTL35		25	2334730000
Fastenings				
	BFEL + BEMU WEW WTL 35		20	1964820000
Screwdriver				
Standard	SDS 1.2X6.5X150		1	2749390000
Marking tags				
	WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Threaded stud connection

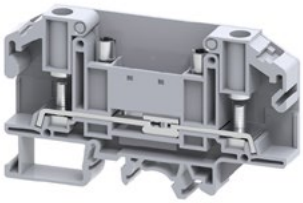
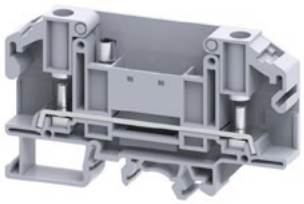
Test-disconnect terminal blocks

SDL 4



Ordering data

Pos.	Type	Order No.	Qty.
1	AEB 35 SC/1	**1991920000**	50
2	WAD 8 MC NE WS	**1112940000**	48
3	WS 12/9.5-11 MC NE WS	**2484220000**	300
4	SEP SDL 4	**2615020000**	50
5	SQS 4/2	**2615250000**	20
	SQS 4/4	**2615260000**	10
6	SSI 4	**2615270000**	50
7	TS 35X7.5 LL 2M ST/ZN	**0514500000**	2

	SDL 4	SDL 4 FT
	6 mm²	6 mm²
		
Width/Height/Depth mm	11 x 86 x 51.5	11 x 86 x 51.5
Rated current / max. cond. cross-section A	**41 / 6 mm²**	**41 / 6 mm²**
Max. clamping range mm²	**1.5...6**	**1.5...6**

Technical data

	SDL 4	SDL 4 FT
Rated data with Wemid partition wall	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	1000 / 600	1000 / 600
Rated current A	41 / 35	41 / 50
for wire cross-section mm²	6	6 / AWG 22...8
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	/ V-0
Approvals		
Clamped cable lugs		
Cable lug to DIN 46234	1.5...6 mm²	1.5...6 mm²
2 x cable lugs DIN 46 234	1.5...6 mm²	1.5...6 mm²
Cable lug to DIN 46235	1.5...6 mm²	1.5...6 mm²
2 x cable lugs DIN 46 235	1.5...6 mm²	1.5...6 mm²
Tightening torque	1.2...1.2 Nm	1.2...1.2 Nm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	SDL 4	50	**2614980000**
Note			

Type	Qty.	Order No.
SDL 4 FT	50	**2614970000**

Accessories

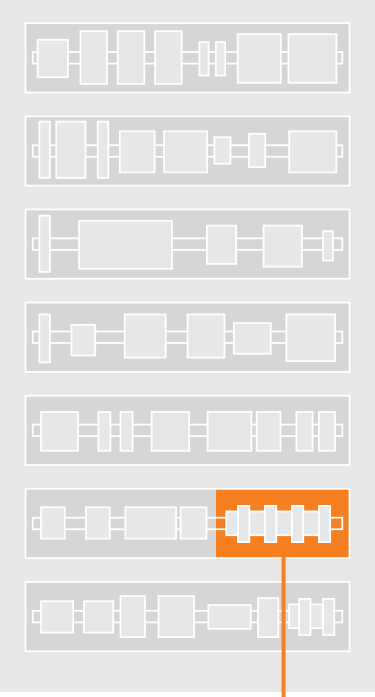
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	SRQB 4/2	41 A	100	**2615220000**
3-pole	SRQB 4/3	41 A	50	**2615230000**
4-pole	SRQB 4/4	41 A	50	**2615240000**
2-pole	SQS 4/2	41 A	20	**2615250000**
4-pole	SQS 4/4	41 A	10	**2615260000**
Cross-connection permanent				
2-pole	SQB 4/2	41 A	100	**2615140000**
3-pole	SQB 4/3	41 A	50	**2615150000**
4-pole	SQB 4/4	41 A	50	**2615160000**
End plate				
dark beige	SEP SDL 4		50	**2615020000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Marking tags				
	WS 12/9.5-11 MC NE WS		300	**2484220000**

Type		Qty.	Order No.
SRQB 4/2	41 A	100	**2615220000**
SRQB 4/3	41 A	50	**2615230000**
SRQB 4/4	41 A	50	**2615240000**
SQS 4/2	41 A	20	**2615250000**
SQS 4/4	41 A	10	**2615260000**
SQB 4/2	41 A	100	**2615140000**
SQB 4/3	41 A	50	**2615150000**
SQB 4/4	41 A	50	**2615160000**
SEP SDL 4		50	**2615020000**
AEB 35 SC/1		50	**1991920000**
SDS 1.0X5.5X150		1	**2749380000**
WS 12/9.5-11 MC NE WS		300	**2484220000**

For detailed information on other accessories and application in the online catalogue

Safe, error-free plant operation

Efficient shielding and earthing with Klippon® Connect



The safety and availability of plants must be guaranteed at all times. Careful planning and installation of safety functions play a particularly important role. For personnel protection, we offer a wide range of PE terminal blocks in different connection technologies. With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

Our promise

Klippon® Connect reliably guarantees the protection of personnel and machines and increases plant availability. You can improve your productivity and benefit from more efficient planning and increased safety during installation and operation.

Our range

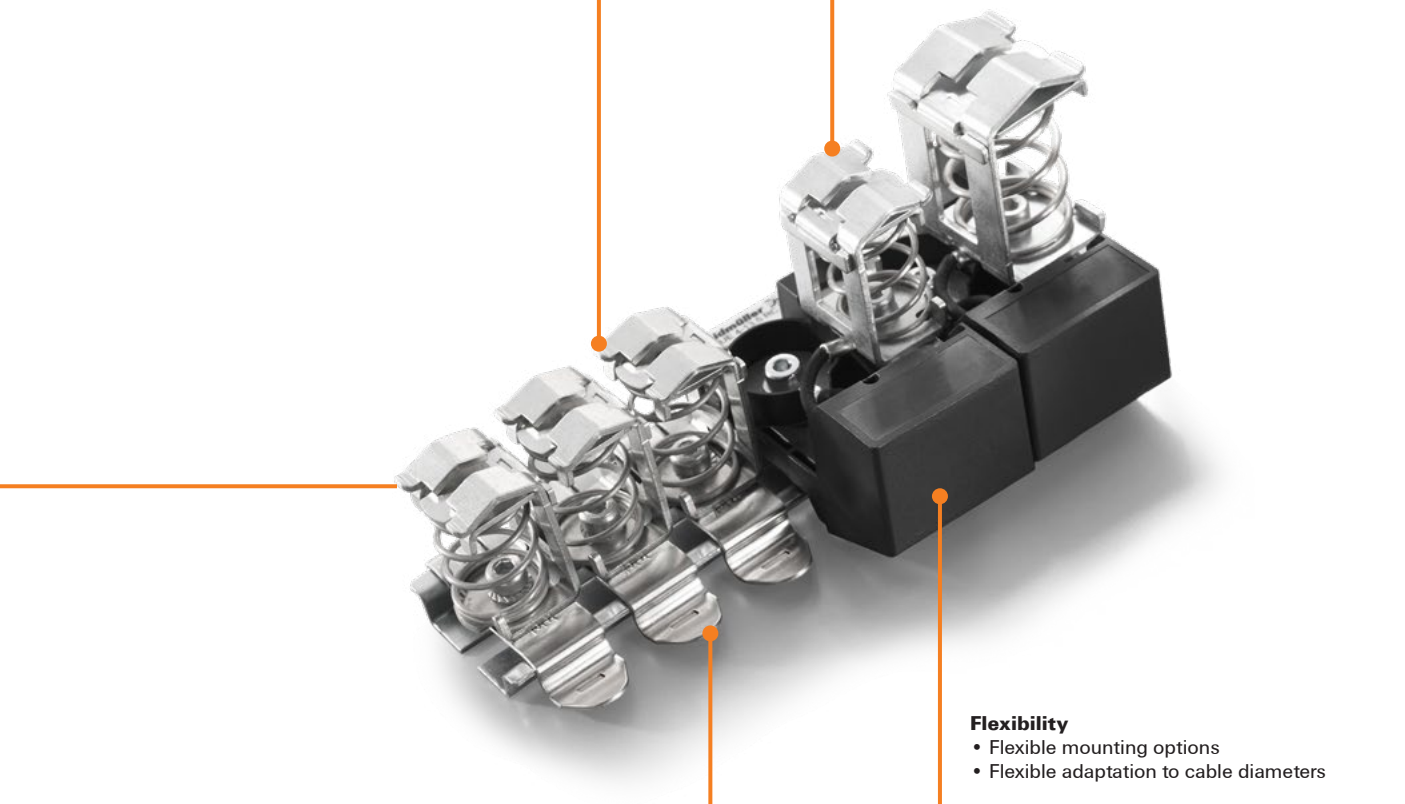
Shielding:
Our complete range of KLBÜ shield connections, KHLA shield clamping saddles, SH 4C shield rail holders and KLBÜ RC shielding brackets allows simple and efficient installation of safe shielding systems.

Protective earth (PE):
We offer a wide range of green/yellow terminal blocks in screw connection, tension clamp and PUSH IN designs.

Potential equalisation:
Our JB 25–50 and EBB 25–50/16 potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.

Space saving
- Complete range for conductor diameters from 2 to 37 mm to meet all space requirements
- Perfect shielding thanks to comprehensive accessories

Safety
- The spring system on the shield connection compensates for temperature-related diameter deviation of the cable
- Reliable protection against transient overvoltage and electromagnetic fields
- Consistent contact pressure thanks to spring effect



Flexibility
- Flexible mounting options
- Flexible adaptation to cable diameters

Time saving
- Clear, simple installation without auxiliary tools
- The right solution for every installation situation

Entry:
Electromagnetic Compatibility

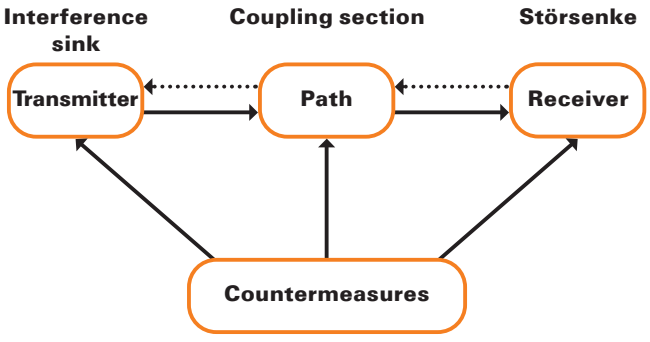
The term Electromagnetic Compatibility (EMC) describes the ability of electrical equipment to function faultlessly in an electromagnetically-loaded environment, e.g. in an industrial plant, without influencing the environment. The consequences of an inadequate EMC can range from disturbances in normal use to damage or destruction of equipment with the added risks of economic damage and/or personal injury.

Interference sources

Sources of interference exist in many forms. But the common feature of all interference sources is the emission of electronic or magnetic energy, which influences electrical equipment and prevents fault-free operation. A distinction is made between natural sources of interference such as atmospheric discharge or electrostatic discharge and artificial sources of interference such as radio (intentional) or frequency converters (unintentional).

Coupling

Coupling is the transmission of electrical energy from one electric circuit to another.



Interference sinks

Interference sinks encompass electrical equipment that can be influenced by sources of interference. Electromagnetic pulses can cause equipment to be disturbed, damaged or destroyed. Other consequences could be the total failure of a piece of equipment, or a system with economic or material damage, or even personal injury.

Actions:
Measures to improve electromagnetic compatibility

In order to guarantee EMC, the interference mechanisms must first be known. In addition to natural sources of interference such as lightning, there are also so-called coupling mechanisms. Here is an overview of the different coupling mechanisms as well as some measures for EMC optimisation.

Coupling mechanisms:

Galvanic coupling

Coupling of two circuits via a common current path.

Capacitive (electrical) coupling

Coupling of two circuits via an alternating electric field (mainly in the high-frequency range).

Inductive (magnetic) coupling

Coupling of two circuits via an alternating magnetic field (mainly in the low-frequency range).

Radiation coupling (electromagnetic coupling)

Emission of wave fields with electric and magnetic field strength.

Measures for EMC optimisation:

The most frequently used and sensible countermeasures to improve EMC are the use of twisted or shielded cables.

Use of shielded cables

The task of an electromagnetic screen is to close its internally generated electromagnetic field and prevent it from propagating or to create a space free of external fields..

The interference to be expected determines the shield connection

In order to suppress electric fields, a one-sided grounding of the shield is necessary. To suppress an alternating magnetic field, the shield must be grounded on both sides. However, if the shield is connected on both sides, a ground loop occurs, which in turn has disadvantages. The useful signal is influenced in particular by interference along the reference potential and thus a deterioration occurs. In this case, triaxial cables can help by connecting the inner shield on one side and the outer shield on both sides. A capacitor is often connected to the reference potential on one side to reduce such interference. This interrupts the earth loop for direct currents or low-frequency currents.

Implementation of shielding in practice

With the KLBUE, Weidmueller has developed a versatile product designed to reduce EMV in plants and equipment. to improve machines.

Schematic representation

Different contacting possibilities of the cable screen

Shielding on both sides

To protect against possible interference effects alternating magnetic field is bilateral Hang up unavoidable. This does mean a risk of ground loops forming. However cable shields and steel conduits should be grounded on both sides, despite the risk, as todays EMC regulations require this. In the same way, shields of two-sided signal conductors should be grounded on both sides.

One sided shielding

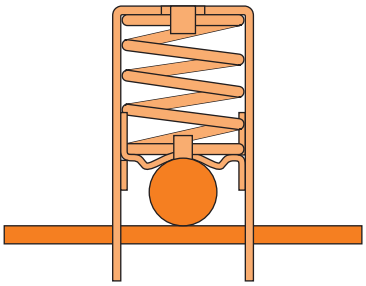
If shielding is to be used to protect against electrical fields, it is advisable to ground on one side only. Shields of analogue signal conductors should, for example, be connected at one end.

Stripping tool for shielded cables

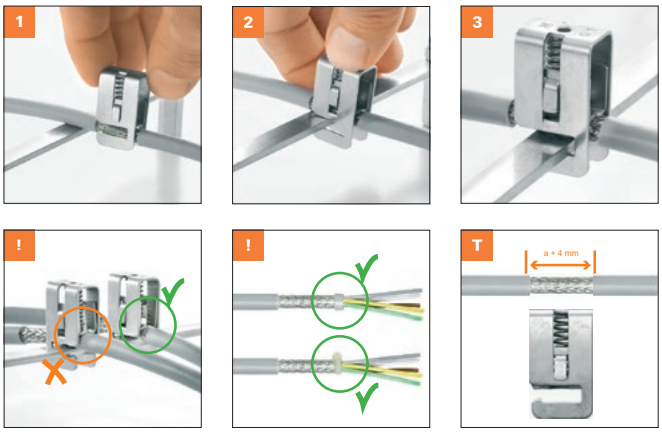
With the Weidmueller AM 16 stripping tool, it is very easy to disconnect the insulation of a conductor and then apply the shield. The insulation can be cut at any point on the conductor. The insulation of the conductor is first separated over the circumference. Then the tool is pulled lengthwise over the conductor and so the insulation is cut off. Finally, the insulation is cut at the other end over the circumference. The illustration shows the resulting pattern.

Shield connection terminals KLBUE

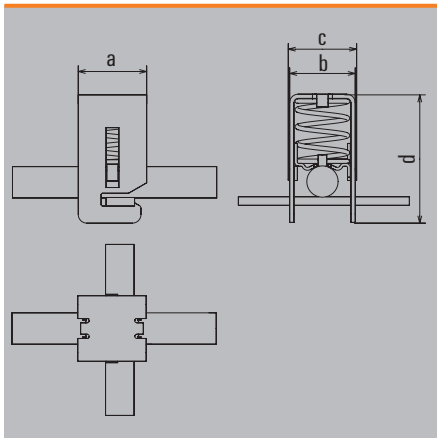
Cable attached to the busbar from above



KLBÜ CO 1 KLBÜ CO 2 KLBÜ CO 3 KLBÜ CO 4 KLBÜ CO 5



KLBUE CO



Ordering data

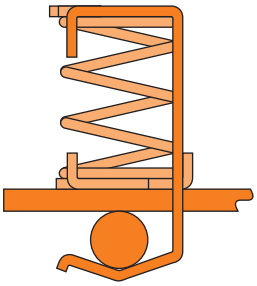
Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket				
KLBUE CO 1	3...10 mm	18 / 12 / 13.2 / 32	10	**1753311001**
KLBUE CO 2	4...15 mm	18 / 20 / 21.1 / 41.6	10	**1752131001**
KLBUE CO 3	10...20 mm	25 / 23 / 24 / 45	10	**1749151001**
KLBUE CO 4	15...28 mm	32 / 31 / 25 / 56	10	**1749161001**
KLBUE CO 5	20...37 mm	35.5 / 40 / 42.7 / 64.5	10	**1755081001**

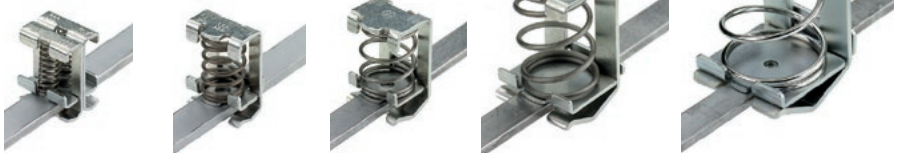
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

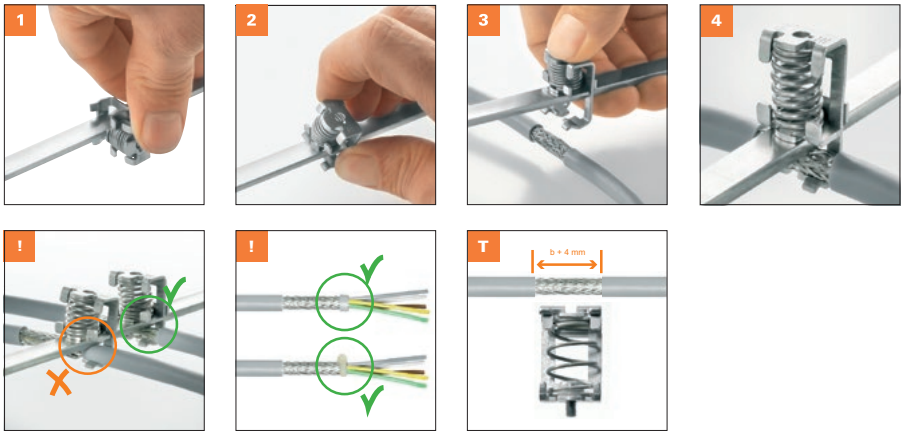
Shield connection terminals KLBUE

Cable attached to the busbar from below

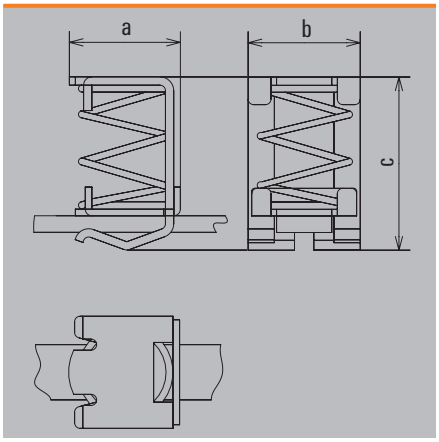




KLBÜ 2 x 2-6 | KLBÜ 3-8 | KLBÜ 4-13.5 | KLBÜ 10-20 | KLBÜ 15-32



KLBUE



Ordering data

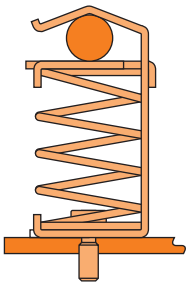
Type	for cable diameters	Dimensions (a x b x c) mm	Qty.	Order No.
Clamping bracket				
KLBUE 2X2-6	2...6 mm	15 / 18 / 24	10	**1675350000**
KLBUE 3-8	3...8 mm	14.5 / 18.5 / 26	10	**1600480000**
KLBUE 4-13.5	4...13.5 mm	20.5 / 22 / 31.5	10	**1592810000**
KLBUE 10-20	10...20 mm	24 / 26 / 40	10	**1600490000**
KLBUE 15-32	15...32 mm	33.5 / 32 / 64	10	**1716300000**

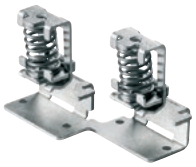
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Shield connection terminals KLBUE

Cable attached on the mounting plate from above





SCH-1-WB

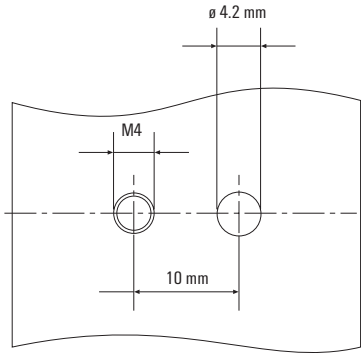
KLBÜ 3-8 SC

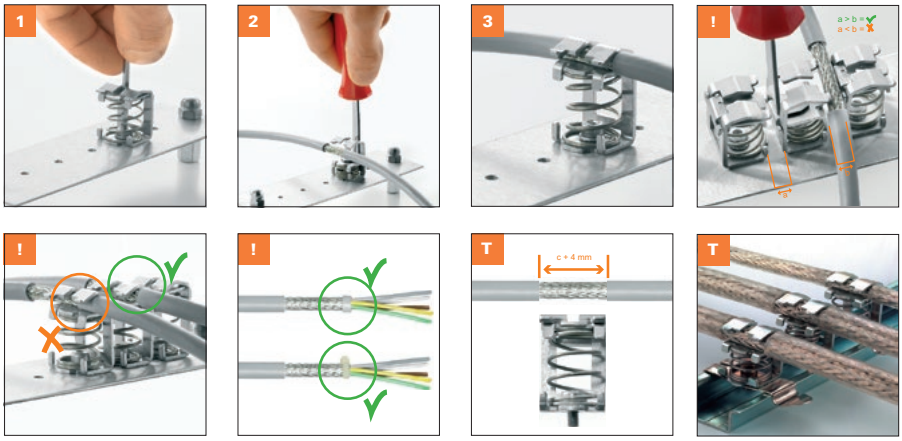
KLBÜ 4-13,5 SC

KLBÜ 10-20 SC

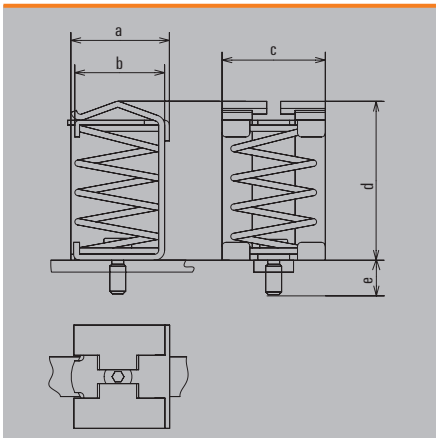
KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC





KLBUE SC

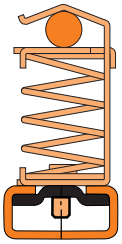


Ordering data

Type	for cable diameters	Length of thread	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket					
KLBUE 3-8 SC	3...8 mm	5.65 mm	14.5 / / 18.5 / 26	10	**1692261001**
KLBUE 4-13.5 SC	4...13.5 mm	5.3 mm	20.1 / / 22 / 31.45	10	**1712311001**
KLBUE 10-20 SC	10...20 mm	5.3 mm	23.6 / / 26 / 40	10	**1712321001**
KLBUE 15-32 SC	15...32 mm	4.8 mm	33.25 / / 32 / 63.9	10	**1718341001**

Note

Shield connection terminals KLBUE

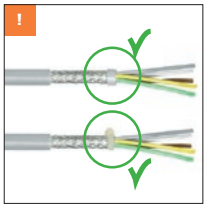


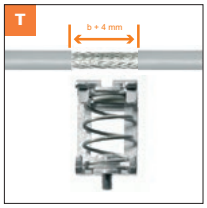
KLBÜ 3-8 CPF

KLBÜ 4-13,5 CPF

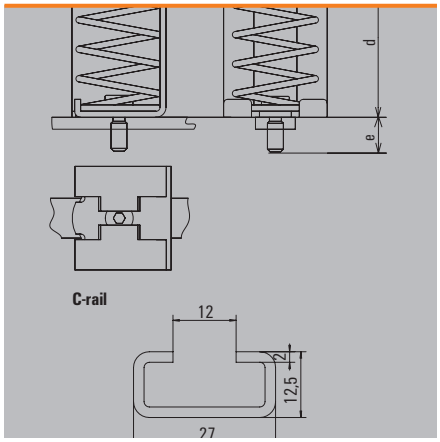
KLBÜ 10-20 CPF

KLBÜ 15-32 CPF





KLBUE CPF



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Type for 12 mm profile				
KLBUE 3-8 CPF	3...8 mm	14.5 / 13.5 / 18 / 26	10	**1752681001**
KLBUE 4-13.5 CPF	4...13.5 mm	20.5 / 19 / 22 / 31.5	10	**1752691001**
KLBUE 10-20 CPF	10...20 mm	24 / 22.5 / 26 / 39.5	10	**1752701001**
KLBUE 15-32 CPF	15...32 mm	33.5 / / 32 / 64	10	**1752711001**

Note

Clamping bracket holder

FM 4 foot

KLBÜ SC-type clamping brackets
(see previous page)
are screwed on to the **FM 4**foot

KLBÜ 4-13.5 FM4

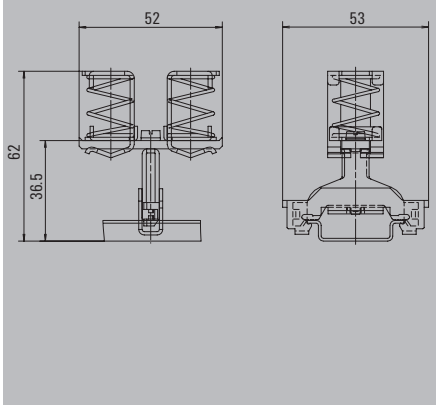
Clamping bracket holder

BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6

Clamping yoke holder



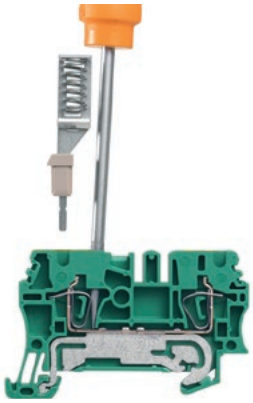
Ordering data

Type	for cable diameters	Qty.	Order No.
Clamping bracket fitted with FM 4 foot			
KLBUE 3-8 FM4	3...8 mm	10	**1252530000**
KLBUE 4-13.5 FM4	4...13.5 mm	10	**1252520000**
KLBUE 10-20 FM4	10...20 mm	10	**1252510000**
KLBUE 15-32 FM4	15...32 mm	10	**1252490000**
Clamping bracket holder			
BS 35II KLBUE HOLDER		10	**1723800000**
BS 35II KLBUE3-8	3...8 mm	10	**1723810000**
BS 35II/KLBUE 4-13.5	4...13.5 mm	10	**1723820000**
BS 35II KLBUE3-8/2X2-6	3...8 mm	10	**1749430000**
BS 35II KLBUE2X3-8/2X2-6	3...8 mm	10	**1768020000**

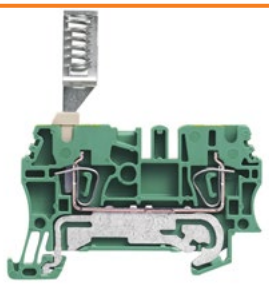
Note

Shielding and earthing
Shield clamping saddle

Shielding solutions for direct connection



KLBÜ 4-6 Z/1



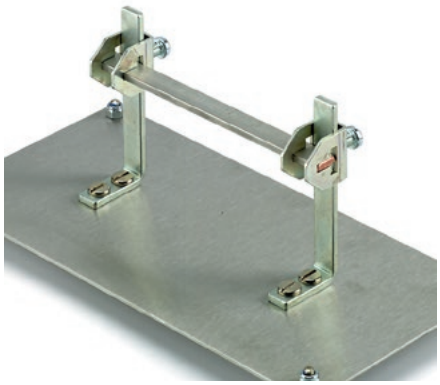
Ordering data

Type	for cable diameters	Qty.	Order No.
Type for 12 mm profile			
KLBUE 4-6 Z/1	4...6 mm	10	**2269800000**

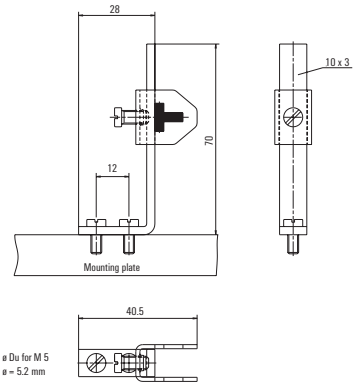
Note	suitable for Z series 2.5 mm²

Rail support / Spacer

Rail support



Set (WSH 4 MT) comprising:
- 1 busbar anglel
- 1 busbar connector (BFEH 1 / WSH)



Spacer

M6 outer and inner threads
(in 15 mm, 20 mm and 30 mm lengths)

WSH 4 MT / SP

Ordering data

Type	Length	Qty.	Order No.
Busbar support			
WSH 4 MT		10	**1079900000**
SH 4C		10	**1340870000**
Spacer			
SP M6 15 MSZN		2	**3896100000**
SP M6 20 MSZN		2	**3896200000**
SP M6 30 MSZN		2	**3896300000**

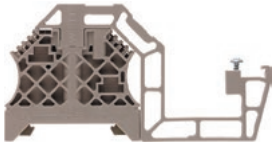
Note

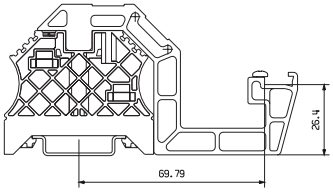
Shielding and earthing
Shield clamping saddle

Rail support

Isolated mounting on TS 35

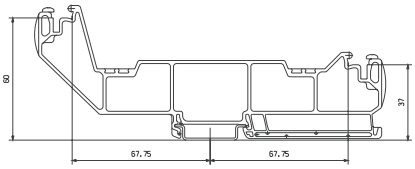
Type WSH 1



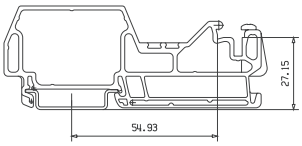


Horizontal mounting only

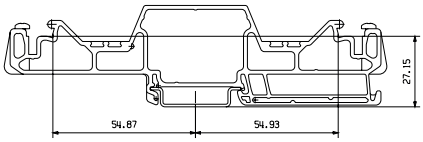
Type WSH 3/H/N



Type WSH 5



Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
Rail support			
WSH 1	8 mm	10	**1068700000**
WSH 3/H/N	8 mm	10	**1715970000**
WSH 5	8 mm	10	**1080100000**
WSH 6	8 mm	10	**1080200000**

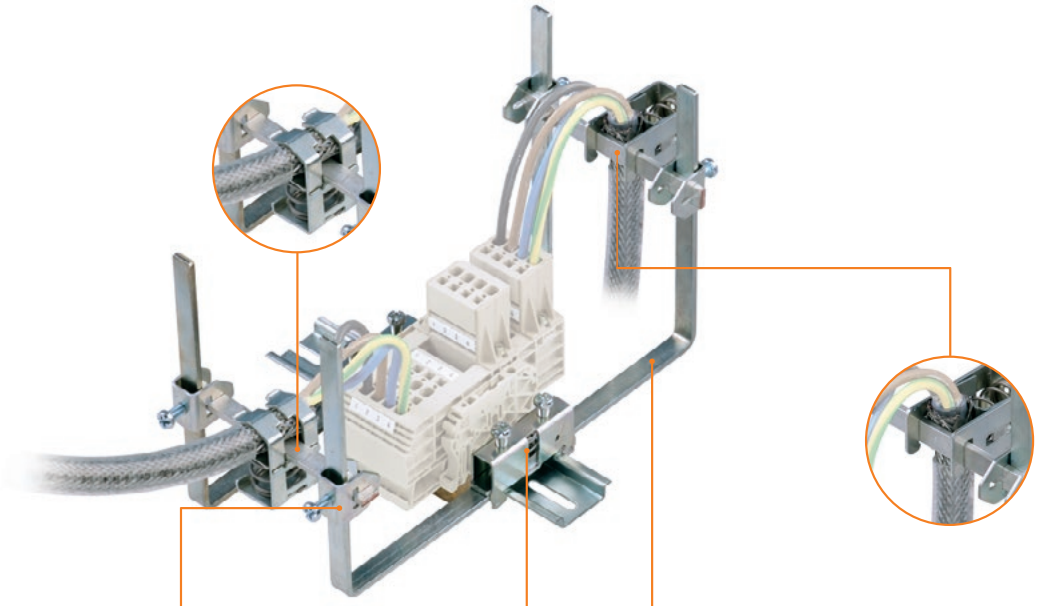
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Rail support

Conductive mounting on TS 35

TS 35 clip
BS 35/WSH 2



Busbar connector
BFEH 1/WSH

TS 35-Clip
BS 35/WSH 2

Angled rail
SMSE WSH U1MT

WSH

Ordering data

Type	Dimensions (H x W x D) mm	Qty.	Order No.
TS 35 clip			
BS 35/WSH 2	52 / 13 / 37	10	**1760720000**
Busbar connector			
BFEH 1/WSH	20 / 13.5 / 31	10	**1082400000**
Angled rail			
SMSE WSH U1 MT	134 / 10 / 134	10	**1083900000**
SMSE WSH 135/60 MT	123.5 / 10 / 3	10	**1246990000**
Rail support sets			
WSH 18 MT	13.5	10	**1083100000**
WSH 19 MT	150 / 14.9 / 143.3	10	**1083200000**

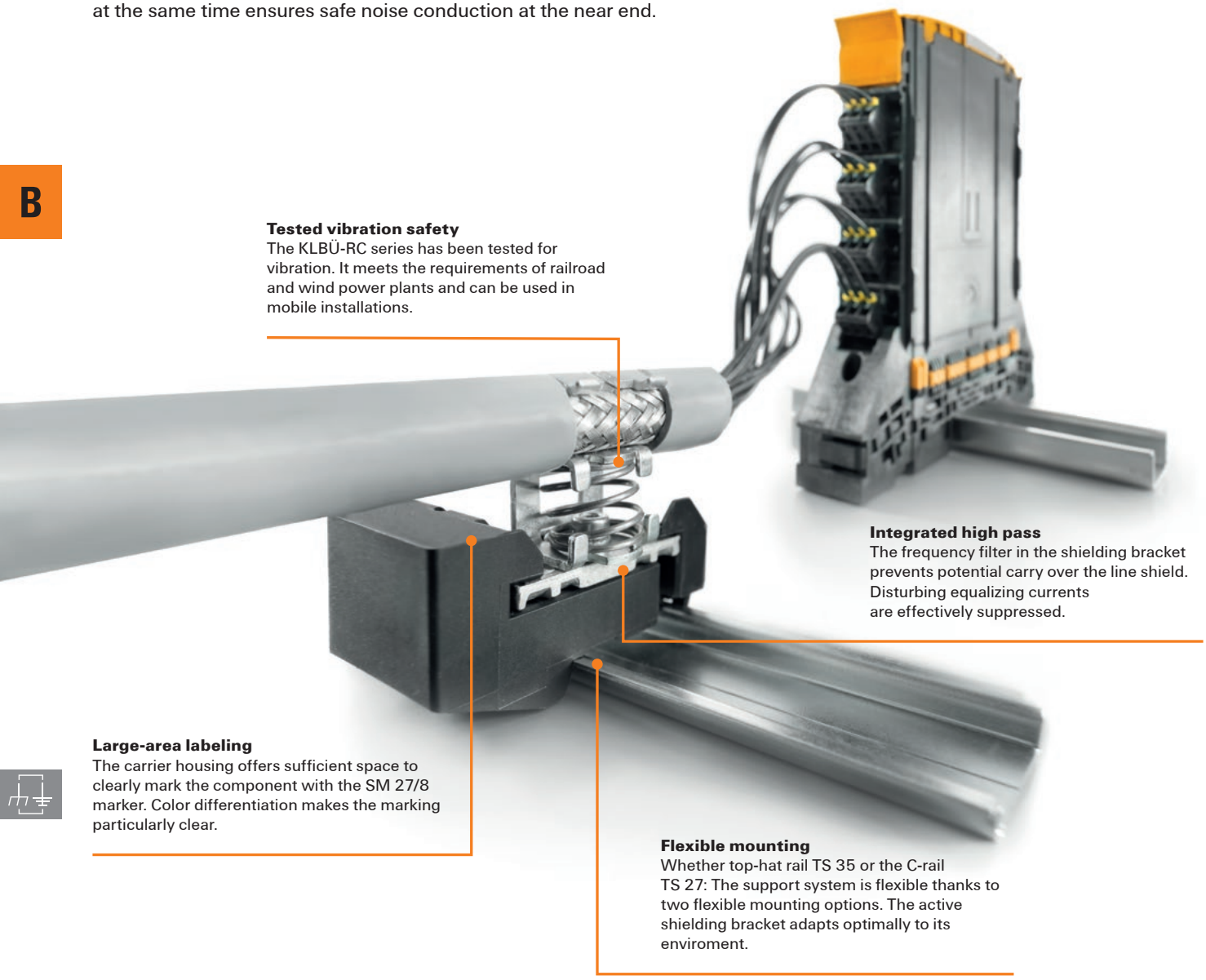
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Discharge of interference currents without different ground levels

Klippon® Connect shielding bracket KLBÜ with filter

If possible, interference currents should be discharged at the near end of the line. However, distant ground levels usually cause unwanted equalizing currents. KLBÜ RC shielding brackets enable the optimal discharge of interference currents without different ground levels, as well as the associated equipotential bonding and the capacitance coating on the cable. The built-in high-pass filter blocks low-frequency currents and at the same time ensures safe noise conduction at the near end.

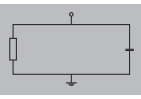
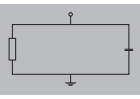


Tested vibration safety
The KLBÜ-RC series has been tested for vibration. It meets the requirements of railroad and wind power plants and can be used in mobile installations.

Integrated high pass
The frequency filter in the shielding bracket prevents potential carry over the line shield. Disturbing equalizing currents are effectively suppressed.

Large-area labeling
The carrier housing offers sufficient space to clearly mark the component with the SM 27/8 marker. Color differentiation makes the marking particularly clear.

Flexible mounting
Whether top-hat rail TS 35 or the C-rail TS 27: The support system is flexible thanks to two flexible mounting options. The active shielding bracket adapts optimally to its enviroment.

	KLBUE 10-20 RC TS 27	20 mm²	KLBUE 4-13.5 RC TS 27	10 mm²
	Clamping bracket		Clamping bracket	
Width/Height/Depth mm	39.6 x 67.5 x 63.6 		37.5 x 67.5 x 55.6 	

Technical data

Rated data				
Rated voltage	230 V		230 V	
Conductors to be clamped:				
Cable diameter, min.	10 mm		4 mm	
Cable diameter, max.	20 mm		13.5 mm	
General data				
Continuous operating temp., min.	-25 °C		-25 °C	
Continuous operating temp., max.	105 °C		105 °C	
UL 94 flammability rating	V-0		V-0	
Colour	black, Silver grey		black, Silver grey	
Material	PA 66 GF 30		PA 66 GF 30	
Component 1	Resistance 1 MΩ		Resistance 1 MΩ	
Component 2	Capacitor 100 nF		Capacitor 100 nF	
Installation advice	Direct mounting		Direct mounting	
Note				

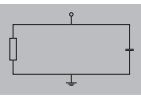
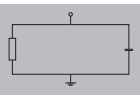
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high pass	KLBUE 10-20 RC TS27	1	1403050000	KLBUE 4-13.5 RC TS27	1	1403060000
Note						

Accessories

Terminal rail	Type	Qty.	Order No.	Type	Qty.	Order No.
Marking tags						
	SM 27/8 K MC NE WS	80	1812630000	SM 27/8 K MC NE WS	80	1812630000
Operating tool						
	BTWZ KLBUE	1	1742630000	BTWZ KLBUE	1	1742630000
Screwdriver						
Screwdriver PH2	SDS 0.6X3.5X100	1	2749340000	SDS 0.6X3.5X100	1	2749340000
Standard						
C-rail						
	TS 27X12.5M/ST/F.ZN	2	1802690000	TS 27X12.5M/ST/F.ZN	2	1802690000

For detailed information on other accessories and application in the online catalogue

	KLBUE 3-8 RC TS 35	8 mm²	KLBUE 3-8 RC TS 27	8 mm²
	Clamping bracket		Clamping bracket	
Width/Height/Depth mm	35 x 67.5 x 50 		35 x 67.5 x 50 	

Technical data

Rated data			
Rated voltage	230 V		230 V
Conductors to be clamped:			
Cable diameter, min.	3 mm		3 mm
Cable diameter, max.	8 mm		8 mm
General data			
Continuous operating temp., min.	-25 °C		-25 °C
Continuous operating temp., max.	105 °C		105 °C
UL 94 flammability rating	V-0		V-0
Colour	black, Silver grey		black, Silver grey
Material	PA 66 GF 30		PA 66 GF 30
Component 1	Resistance 1 MΩ		Resistance 1 MΩ
Component 2	Capacitor 100 nF		Capacitor 100 nF
Installation advice	Direct mounting		Direct mounting
Note			

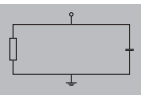
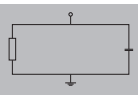
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high pass	KLBUE 3-8 RC TS35	1	**1402830000**	KLBUE 3-8 RC TS27	1	**1403070000**
Note						

Accessories

Terminal rail	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	TS 35X7.5 2M/ST/ZN	40	**0383400000**			
	TS 35X7.5/LL 2M/ST/ZN	40	**0514500000**			
	TS 35X15/LL 2M/ST/ZN	20	**0236500000**			
Marking tags						
	SM 27/8 K MC NE WS	80	**1812630000**	SM 27/8 K MC NE WS	80	**1812630000**
Operating tool						
	BTWZ KLBUE	1	**1742630000**	BTWZ KLBUE	1	**1742630000**
Screwdriver						
Screwdriver PH2	SDS 0.6X3.5X100	1	**2749340000**	SDS 0.6X3.5X100	1	**2749340000**
Standard	SDS 1.2X6.5X150	1	**2749390000**			
C-rail						
				TS 27X12.5M/ST/F.ZN	2	**1802690000**

For detailed information on other accessories and application in the online catalogue

	KLBUE 10-20 RC TS 35	20 mm²	KLBUE 4-13.5 RC TS 35	10 mm²
	Clamping bracket		Clamping bracket	
Width/Height/Depth mm	39.6 x 67.5 x 63.6 		37.5 x 67.5 x 55.6 	

Technical data

Rated data				
Rated voltage	230 V		230 V	
Conductors to be clamped:				
Cable diameter, min.	10 mm		4 mm	
Cable diameter, max.	20 mm		13.5 mm	
General data				
Continuous operating temp., min.	-25 °C		-25 °C	
Continuous operating temp., max.	105 °C		105 °C	
UL 94 flammability rating	V-0		V-0	
Colour	black, Silver grey		black, Silver grey	
Material	PA 66 GF 30		PA 66 GF 30	
Component 1	Resistance 1 MΩ		Resistance 1 MΩ	
Component 2	Capacitor 100 nF		Capacitor 100 nF	
Installation advice	Direct mounting		Direct mounting	
Note				

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high pass	KLBUE 10-20 RC TS35	1	1403080000	KLBUE 4-13.5 RC TS35	1	1403090000
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
Terminal rail						
	TS 35X7.5 2M/ST/ZN	40	0383400000	TS 35X7.5 2M/ST/ZN	40	0383400000
	TS 35X7.5/LL 2M/ST/ZN	40	0514500000	TS 35X7.5/LL 2M/ST/ZN	40	0514500000
	TS 35X15/LL 2M/ST/ZN	20	0236500000	TS 35X15/LL 2M/ST/ZN	20	0236500000
Marking tags						
	SM 27/8 K MC NE WS	80	1812630000	SM 27/8 K MC NE WS	80	1812630000
Operating tool						
	BTWZ KLBUE	1	1742630000	BTWZ KLBUE	1	1742630000
Screwdriver						
Screwdriver PH2	SDS 0.6X3.5X100	1	2749340000	SDS 0.6X3.5X100	1	2749340000
Standard	SDS 1.2X6.5X150	1	2749390000	SDS 1.2X6.5X150	1	2749390000
C-rail						

For detailed information on other accessories and application in the online catalogue

Equipotential bonding
General principles

Advancements in technology means that, electrical installations in buildings and industrial plants are becoming increasingly extensive and demanding. Furthermore, the application of high-frequency, complex industrial systems grows. In order to guarantee reliability and operational safety, it is necessary to protect machines and systems against overvoltage and electromagnetic coupling. This is achieved by equipotential bonding. The purpose of equipotential bonding is to connect all metallic parts with different potentials to each other so that they have approximately the same potential. In its product portfolio, Weidmüller has developed solutions for equipotential bonding in industrial environments.

What is the difference between grounding and Equipotential bonding?

Equipotential bonding
Compensation of different voltages to a uniform level

Grounding
Connection of a point with that of the Earth

Functional equipotential bonding
The functional equipotential bonding is used for exclusively functional purposes

Protective equipotential bonding
An electrical connection is established between all conductive parts of the system, in order to be connected to the resulting equipotential boding the human being from an electric shock protect

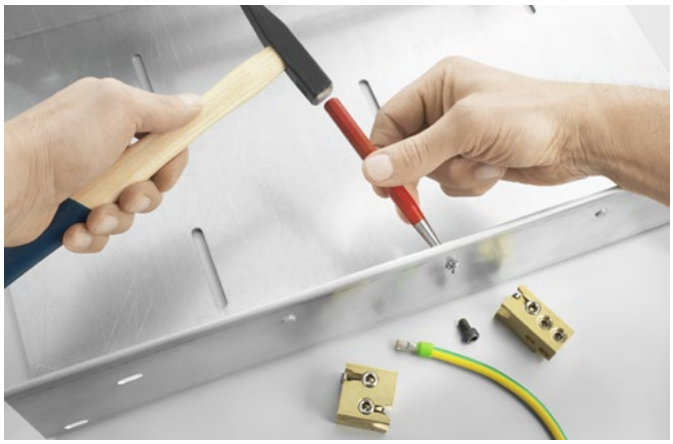
Innovations in equipotential bonding

In cooperation with Weidmüller, market-leading floor trunking manufacturers have developed a new solution with pre-prepared cut-outs for equipotential bonding. This includes the addition of punchable holes to simplify wiring.

The new small equipotential bonding terminals FB 16-50 offer an efficient solution for fixing conductors of the equipotential bonding to the cable duct. This is particularly interesting for applications where the conductor must be routed through a cable duct over long distances without stubs.

Benefits:

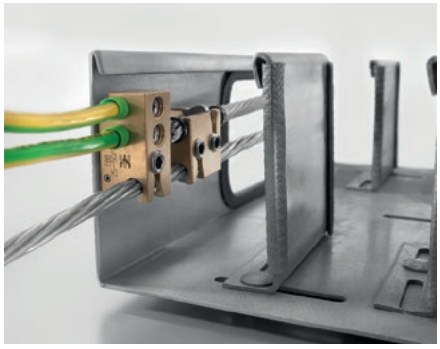
- Simple wiring due to small space requirement
- More cost-effective wiring of the equipotential bonding system
- Use of several product compensation clamps without additional costs
- Possibility of setting up a close-meshed equipotential bonding system
- Achieving low impedance equipotential bonding



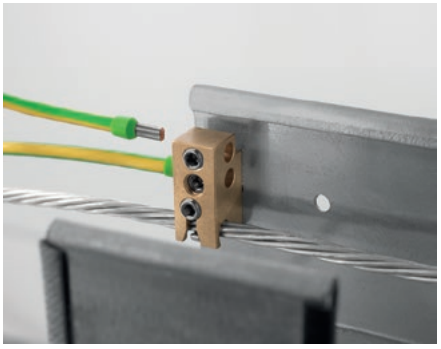
Benefits:

- Easier and more efficient wiring – without drilling
- Punching of holes without special tools
- High flexibility due to small hole spacing of max. 10 cm
- Cleaner working without drilling chips in the floor channel

Potential equalisation terminal block



Low installation height



Additional connection up to 16 mm²

Good visibility of the clamping screws

Technical data

Connection direction	on side
Tightening torque, min.	5 Nm
Clamping screw	M 6
Connection cross-section, flexible, min. / max.	10…50 mm²

Note

Ordering data

Type	Stripping length	Number of connections	Conductor min. / max.	Qty.	Order No.
Screw connection					
JB 25-50	33	2	10…50	10	**1547500000**
JB 25-50 TH	33	2	10…50	10	**2762660000**
EBB 25-50/16	20	3	10…50	10	**1547490000**
EBB 25-50/16 AM	20	3	10…50	10	**2756940000**
FB 16-50	33	1	16…50	15	**2623930000**

Type	Description of article	Qty.	Order No.
SK WSD-S 1,5-10,0	Screwing tool	1	**9008850000**

Note

Practical tip
Functional earth terminal blocks

According to the Machinery Directive 2006/42EG, terminal blocks may be white when used for functional earthing. PE terminals with a protective function for life and limb must still be green-yellow, but can also be used for functional earthing. The symbols used are extended in order to clarify the use as a functional earth.

Weidmüller offers white PE terminals from the "A-, W- and Z series" product family for systems in which this distinction should or must be made. The colour of these terminals clearly indicates that the respective circuits are exclusively to provide functional protection for the connected electronic system.

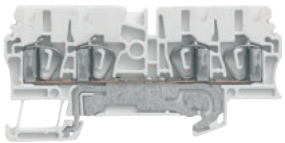
Symbol for functional earth:

Symbol for protection earth:

A-Series
with PUSH IN technology

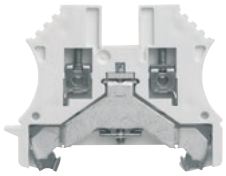
Type	Qty.	Order No.
A2C 2.5 FE WT	50	**2690460000**
A4C 2.5 FE WT	50	**2690470000**
A2C 4 FE WT	50	**2734150000**
A2C 6 FE WT	50	**2734160000**
A2C 10 FE WT	50	**2734170000**

Z-Series
with tension spring technology



Type	Qty.	Order No.
ZPE 2.5/4AN WS	50	**1698110000**

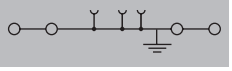
W-Series
with clamping-yoke technology



Type	Qty.	Order No.
WPE 2.5 WS	100	**1010010000**

	A2C 2.5 FE WT	2.5 mm²	A4C 2.5 FE WT	2.5 mm²

Width/Height/Depth	mm	5.1 x 55 x 36.5	5.1 x 77.5 x 36.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.14...4	0.14...4



Technical data

IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage		600	600	
Rated current				
for wire cross-section	2.5	AWG 28...12	AWG 28...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors				
Solid / Stranded				mm²
Flexible / Flexible with ferrule				mm²
Twin wire-end ferrule				mm²
Stripping length / Blade size				mm/-
Note				

Rated connection	A2C 2.5 FE WT	A4C 2.5 FE WT
	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
	0.5...0.75	0.5...0.75
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
white	A2C 2.5 FE WT	50	2690460000
Note			

Type	Qty.	Order No.
A4C 2.5 FE WT	50	2690470000

Accessories

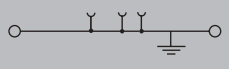
	Type		Qty.	Order No.
End plate				
dark beige	AEP 2C 2.5		50	1514400000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Type		Qty.	Order No.
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A2C 4 FE WT — 4 mm²

6.1 x 60 x 39.5
/ 6
0.14...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
			550
			28
4			4 mm²
	8 kV / 3		
	A4 / V-0		

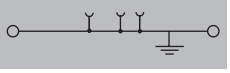
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4 FE WT	50	2734150000

Type	Qty.	Order No.
AEP 2C 4	50	2051680000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 4 MI-R 0.2 A	50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

A2C 6 FE WT — 6 mm²

8.1 x 66.5 x 45.5
/ 10
0.34...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
			550
			37
6			6 mm²
	8 kV / 3		
	A5 / V-0		

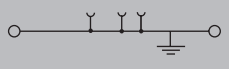
Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 6 FE WT	50	2734160000

Type	Qty.	Order No.
AEP 2C 6	50	1991970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
ATPG 6 MI-R 0.2 A	50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

A2C 10 FE WT — 10 mm²

10 x 80.5 x 51.5
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
			550
			52
10			10 m2
	/ 3		
	A6 / V-0		

Rated connection
0.5...10 / 0.5...16
0.5...16 / 0.5...10
0.5...4
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 10 FE WT	25	2734170000

Type	Qty.	Order No.
AEP 2C 10/16	20	2490380000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L 0.2 A	50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Shielding and earthing
Functional earth – Tension clamp connection

ZPE 2.5/4AN WS	2.5 mm²

Width/Height/Depth	mm	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.05...4

Technical data

Rated data		IEC 60068-2-20			
		IEC	UL	CSA	EN 60079-7
Rated voltage	-				
Rated current	-				
for wire cross-section	mm²	2.5			
Rated impulse withstand voltage / Pollution severity				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals		CE UK CA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	white	ZPE 2.5/4AN WS	50	1698110000
Note				

Accessories

End bracket		Type		Qty.	Order No.
	dark beige	ZEW 35		20	9540000000
Test adapter					
	With spigot	ZTA 1/ZA	9 A	25	1609050000
Reducing sleeves					
	for conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
	for conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0		1000	1614290000
Marking tags					
		BZT 1 WS 10/5		100	1805490000
		BZT 1 ZA WS 10/5		100	1805520000
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	2749610000

For detailed information on other accessories and application in the online catalogue

WPE 2.5 WS | 2.5 mm²

Width/Height/Depth	mm	5.1 x 60 x 46.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.05...4

Technical data

Rated data		IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7
Rated voltage	-				
Rated current	-				
for wire cross-section	mm²	2.5			
Rated impulse withstand voltage / Pollution severity				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals		CE cULus UKCA			
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

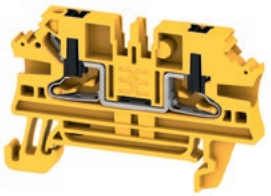
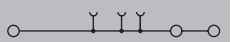
Version		Type	Qty.	Order No.
	white	WPE 2.5 WS	50	1010010000

Note

Accessories

End plate / Partition plate		Type	Qty.	Order No.
	dark beige	WAP 2.5-10	50	1050000000
End bracket				
	dark beige	WEW 35/2	50	1061200000
Screwdriver				
	Screwdriver PH2	SDS 0.6X3.5X100	1	2749340000
Marking tags				
		DEK 5/5 MC NE WS	1000	1609801044
		WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

	AL2C 2.5 FE	2.5 mm²	AL3C 2.5 FE	2.5 mm²
				
Width/Height/Depth mm	5.1 x 57 x 36.5		5.1 x 68 x 48	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

Rated data							
		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	800	600	600	800	600	600
Rated current	A	24	20	20	24	20	20
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0			A3 / V-0		
Approvals		EN 60079-7			EN 60079-7		
Clamped conductors							
Solid / Stranded	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Twin wire-end ferrule	mm²	0.5...0.75			0.5...0.75		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note							

Ordering data

Version	Type	Qty.	Order No.
yellow/black	AL2C 2.5 FE	100	**2847320000**
Note			

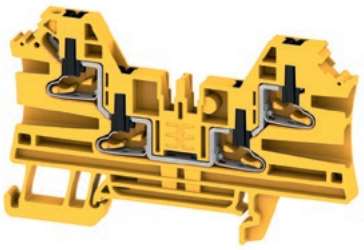
Version	Type	Qty.	Order No.
yellow/black	AL3C 2.5 FE	50	**2847450000**
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole								
10-pole								
End plate								
dark beige	ALEP 2C 2.5		20	**2871750000**	ALEP 3C 2.5		20	**2871770000**
Blue	ALEP 2C 2.5 BL		20	**2871760000**	ALEP 3C 2.5 BL		20	**2871780000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

AL4C 2.5 FE — 2.5 mm²



5.1 x 79.5 x 48
24 / 2.5
0.14...2.5

IEC 60947-7-1

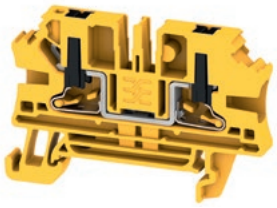
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm²
8 kV / 3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 2.5 FE	50	2847580000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP 4C 2.5		20	2871790000
ALEP 4C 2.5 BL		20	2871800000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

AL2C 4 FE — 4 mm²



6.1 x 60 x 39.5
32 / 6
0.14...6

IEC 60947-7-1

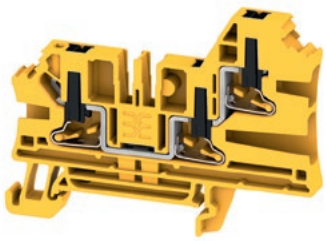
IEC	UL	CSA	EN 60079-7
1000		600	550
32		30	28
4	AWG 24...10	AWG 24...10	6 mm²
8 kV / 3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

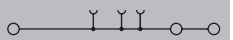
Type	Qty.	Order No.
AL2C 4 FE	50	2871980000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ALEP 2C 4		20	2871810000
ALEP 2C 4 BL		20	2871820000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000

AL3C 4 FE — 4 mm²



6.1 x 71.5 x 52.5
32 / 6
0.14...6



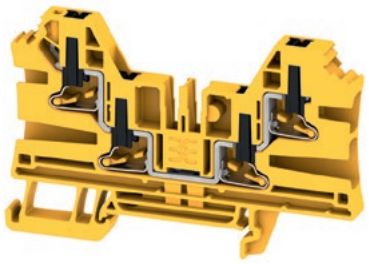
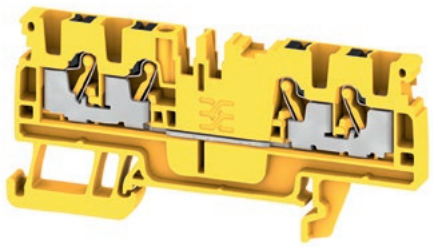
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000		600	550
32		30	28
4	AWG 24...10	AWG 24...10	6 mm²
8 kV / 3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL3C 4 FE	50	2872100000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ALEP 3C 4		20	2871830000
ALEP 3C 4 BL		20	2871840000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	AL4C 4 FE	A4C 2.5 FE
	4 mm²	2.5 mm²
		
Width/Height/Depth mm	6.1 x 83 x 52.5	5.1 x 77.5 x 36.5
max. current / max. cond. cross-section A/mm²	32 / 6	24 / 4
Max. clamping range mm²	0.14...6	0.14...4

Technical data

	AL4C 4 FE	A4C 2.5 FE
Rated data		
Rated voltage V	IEC 60947-7-1: 1000	IEC 60947-7-1: 800
Rated current A	32	24
for wire cross-section mm²	4	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A3 / V-0
Approvals	IEC / UL / CSA / EN 60079-7: 600 / 550	IEC / CSA / EN 60079-7: 800 / 550
	UL / CSA: AWG 24...10 / AWG 24...10	CSA: 30 / 28
	EN 60079-7: 6 mm²	EN 60079-7: 2.5 mm²
Clamped conductors		
Solid / Stranded mm²	0.5...6 / 0.5...4	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...2.5 / 0.5...2.5
Twin wire-end ferrule mm²	0.5...1.5	0.5...0.75
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
yellow/black	AL4C 4 FE	50	2872220000
Note			

Version	Type	Qty.	Order No.
yellow/black	A4C 2.5 FE	100	2904720000
Note			

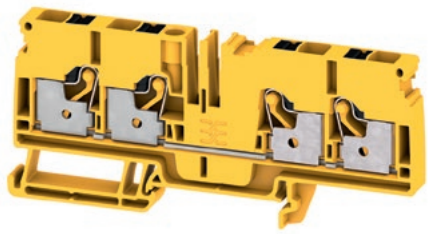
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
2-pole				
3-pole				
4-pole				
End plate				
dark beige	ALEP 4C 4		20	2871850000
Blue	ALEP 4C 4 BL		20	2871860000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 4 MI-R	0.2 A	50	1991860000
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	2003780000
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000

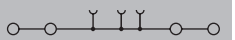
Plug-in cross-connection	Type		Qty.	Order No.
	ZQV 2.5N/2	24 A	60	1527540000
	ZQV 2.5N/10	24 A	20	1527690000
End plate				
	AEP 4C 2.5		50	1521530000
	AEP 4C 2.5 BL		50	1521640000
End bracket				
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 2.5 MI-R	0.2 A	50	1991960000
	ATPG 2.5/3	0.2 A	25	2041190000
	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A4C 6 FE — 6 mm²



8.1 x 102 x 45.5
41 / 10
0.34...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
41	38		37
6	AWG 22...8		6 mm²
	8 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
0.5...1.5
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A4C 6 FE	50	**2881480000**

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
ZQV 6N/3	41 A	60	**1985760000**
ZQV 6N/4	41 A	60	**1985780000**
AEP 4C 6		50	**2876180000**
AEP 4C 6 BL		50	**2876190000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

	A2C 35 FE	A2C 35 DM
	35 mm²	35 mm²
Width/Height/Depth mm	16 x 101.5 x 71.5	16 x 135 x 71.5
max. current / max. cond. cross-section A/mm²	**125 / 35**	**125 / 35**
Max. clamping range mm²	**2.5...35**	**2.5...35**

Technical data

	A2C 35 FE	A2C 35 DM
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Twin wire-end ferrule mm²		
Stripping length / Blade size mm/-		
Note		

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm²
	8 kV / 3		
	/ V-0		

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
2.5...10
25 / 1.0 x 5.5 mm

Ordering data

Version	A2C 35 FE	A2C 35 DM
	yellow/black	
Note		

Type	Qty.	Order No.
A2C 35 FE	10	**2551530000**

Type	Qty.	Order No.
A2C 35 FE DM	10	**2552160000**

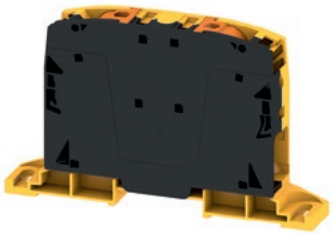
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**

	Type		Qty.	Order No.
	ZQV 35N/2	125 A	10	**2634950000**
	ZQV 35N-10	57 A	10	**2562670000**
	ZQV 35N-16	76 A	10	**2562660000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 V0		20	**2661280000**
	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	PS 2.0 MC		20	**0310000000**
	SDS 1.0X5.5X150		1	**2749380000**
	AAM 35-185 YE FLASH		40	**2635600000**
	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

	A2C 50/70 FE	50 mm²	A2C 50/70 FE-DM	50 mm²



Width/Height/Depth	mm	20 x 101.5 x 80.5	20 x 134 x 80.5
max. current / max. cond. cross-section	A/mm²	**150 / 70**	**150 / 70**
Max. clamping range	mm²	**10...70**	**10...70**

Technical data

IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	1100
Rated current	A	150			128
for wire cross-section	mm²	50	AWG 8...0	AWG 8...NaN	70 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	10...16 / 10...70			
Flexible / Flexible with ferrule	mm²	10...70 / 10...50			
Twin wire-end ferrule	mm²	4...10			
Stripping length / Blade size	mm/-	30 / 1.0 x 5.5 mm			
Note		If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

IEC 60947-7-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	1100
Rated current	A	150			128
for wire cross-section	mm²	50	AWG 8...0	AWG 8...NaN	70 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	10...16 / 10...70			
Flexible / Flexible with ferrule	mm²	10...70 / 10...50			
Twin wire-end ferrule	mm²	4...10			
Stripping length / Blade size	mm/-	30 / 1.0 x 5.5 mm			
Note		If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

Ordering data

Version	Type	Qty.	Order No.
yellow/black	A2C 50/70 FE	5	**2663270000**
Note			

Version	Type	Qty.	Order No.
yellow/black	A2C 50/70 FE-DM	5	**2663350000**
Note			

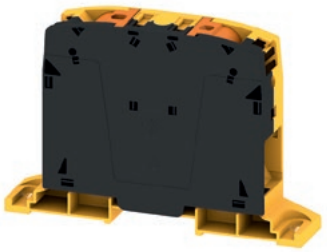
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
2-pole				
10-pole				
2-pole				
10-pole				
2-pole				
4-pole				
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable				
2-pole	ZQV 50/70N/2	150 A	10	**2663400000**
3-pole				
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
2-pole				
10-pole				
2-pole				
10-pole				
2-pole				
4-pole				
End bracket				
dark beige, direct mounting				
dark beige, screwable				
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable				
2-pole	ZQV 50/70N/2	150 A	10	**2663400000**
3-pole				
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**

For detailed information on other accessories and application in the online catalogue

Shielding and earthing
Functional earth – PUSH IN connection

	A2C 95/120 FE	95 mm²	A2C 95/120 FE-DM	95 mm²
				
Width/Height/Depth mm	25 x 101.5 x 90		25 x 133.5 x 90	
max. current / max. cond. cross-section A/mm²	**232 / 120**		**232 / 120**	
Max. clamping range mm²	**25...120**		**25...120**	

Technical data

	A2C 95/120 FE				A2C 95/120 FE-DM			
Rated data								
	IEC 60947-7-1				IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	1000			1100	1000			1100
Rated current A	232			211	232			211
for wire cross-section mm²	95	AWG 4...0	AWG 4...0	120 mm²	95	AWG 4...0	AWG 4...0	120 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0				/ V-0			
Approvals								
Clamped conductors	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	25...120 / 25...120				25...120 / 25...120			
Flexible / Flexible with ferrule mm²	25...120 / 25...95				25...120 / 25...95			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	40 / 1.0 x 5.5 mm				40 / 1.0 x 5.5 mm			
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.				If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
yellow/black	A2C 95/120 FE	5	**2694080000**	A2C 95/120 FE-DM	5	**2694170000**
Note						

Accessories

	A2C 95/120 FE				A2C 95/120 FE-DM			
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole								
10-pole								
2-pole								
10-pole								
2-pole								
10-pole								
2-pole								
4-pole								
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**				
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable								
2-pole	ZQV 95/120N/2	192 A	10	**2694250000**	ZQV 95/120N/2	192 A	10	**2694250000**
3-pole	ZQV 95/120N/3	192 A	10	**2694260000**	ZQV 95/120N/3	192 A	10	**2694260000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**

For detailed information on other accessories and application in the online catalogue

A2C 150/185 FE — 150 mm²

31 x 118 x 98
309 / 185
50...185

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
309	310		
150	AWG 2...350		
	8 kV / 3		
	B13 / V-0		

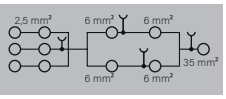
Rated connection
50...150 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 150/185 FE	5	2728720000

Type		Qty.	Order No.
AEB 35 SCL/1 V0		20	2661280000
AEB 35 SC/1		50	1991920000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
WS-A 8/16 MM WS		200	2619910000
ZQV 150/185N/2	232 A	5	2728840000
ZQV 150/185N/3	232 A	5	2728850000
AAM 35-185 YE FLASH		40	2635600000

AWPD 35 4X6/6X2.5 FE — 35 mm²

16.2 x 117.93 x 51.6
110 / 35
1.5...35



IEC 60947-7-1

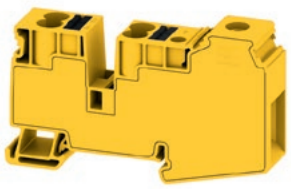
IEC	UL	CSA	EN 60079-7
1000			
110			
35	AWG 14...2		
	8 kV / 3		
	B9 / V-0		

Rated connection
1.5...35 35
1.5...35 35
1.5...6
17 / 1 x 5.5

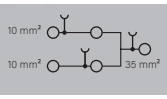
Type	Qty.	Order No.
AWPD 35 4X6/6X2.5 FE	20	2924980000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/4	41 A	60	1985780000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

AWPD 35 4X10 FE — 35 mm²



16.2 x 86.18 x 51.6
110 / 35
1.5...35



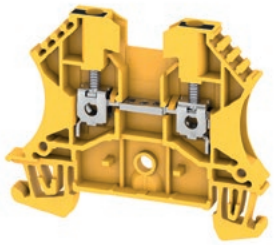
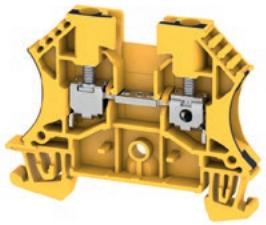
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
110			
35	AWG 14...2		
	8 kV / 3		
	B9 / V-0		

Rated connection
1.5...35 35
1.5...35 35
1.5...6
17 / 1 x 5.5

Type	Qty.	Order No.
AWPD 35 4X10 FE	20	2924990000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/4	41 A	60	1985780000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

	WDU 2.5	WDU 4
	2.5 mm²	4 mm²
		
Width/Height/Depth mm	5.1 x 60 x 46.5	6.1 x 60 x 46.5
max. current / max. cond. cross-section A/mm²	32 / 4	41 / 6
Max. clamping range mm²	0.05...4	0.13...6

Technical data

	WDU 2.5	WDU 4
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
for wire cross-section mm²	IEC: 800 / 24 / 2.5	IEC: 800 / 32 / 4
Rated impulse withstand voltage / Pollution severity	UL: –	UL: –
Gauge to IEC 60947-1 / UL 94 flammability rating	CSA: 8 kV / 3 / A3 / V-0	CSA: 8 kV / 3 / A4 / V-0
Approvals	EN 60079-7: 690 / 24 / 2.5 mm²	EN 60079-7: 690 / 32 / 4 mm²
	DEMKO14ATEX1338U	DEMKO14ATEX1338U
Clamped conductors		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...6 / 0.5...4
Tightening torque / Clamping screw Nm	0.4...0.8 / (M 2.5)	0.5...1 / (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		

Rated connection	Further connection	Rated connection	Further connection
0.5...4 / 1.5...4		0.5...6 / 1.5...6	
0.5...4 / 0.5...2.5		0.5...6 / 0.5...4	
0.4...0.8 / (M 2.5)		0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

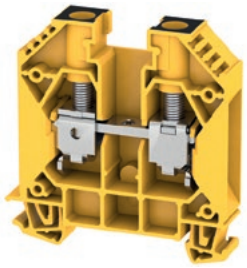
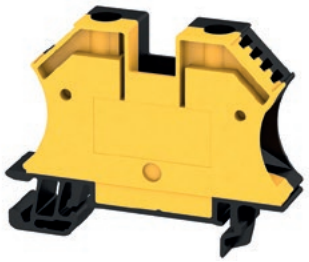
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
yellow/black	WDU 2.5 GE/SW	100	2429520000	WDU 4 GE/SW	100	1020190000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000				
10-pole	ZQV 2.5N/10	24 A	20	1527690000				
2-pole					ZQV 4N/2	32 A	60	1527930000
10-pole					ZQV 4N/10	32 A	20	1528090000
Screwable cross-connection								
2-pole	WQV 2.5/2	32 A	50	1053660000	WQV 4/2	41 A	50	1051960000
10-pole	WQV 2.5/10	32 A	20	1054460000	WQV 4/10	41 A	20	1052060000
End plate / Partition plate								
dark beige	WAP 2.5-10		50	1050000000	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Testing / Checking								
Standard	WTA 2 WDU2.5-10	6 A	25	1632320000	WTA 3 WDU4	6 A	25	1632350000
With spigot	WTA 2/ZA WDU2.5-10	6 A	25	1632330000	WTA 3/ZA WDU4	6 A	25	1632360000
Cover								
Blank, yellow	WAD 5 MC NE GE		48	1112920000	WAD 5 MC NE GE		48	1112920000
Blank, white	WAD 5 MC NE WS		48	1112910000	WAD 5 MC NE WS		48	1112910000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044				
	WS 12/5 MC NE WS		720	1609860000				
	DEK 5/5 MM WS		800	2007110000	WS 12/6 MC NE WS		600	1609900000
	WS 8/5 MM WS		800	2007150000	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

	WDU 16	16 mm²	WDU 16N	16 mm²
				
Width/Height/Depth mm	11.9 x 60 x 62.5		12 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**101 / 25**		**101 / 25**	
Max. clamping range mm²	**0.82...25**		**1.5...25**	

Technical data

	WDU 16				WDU 16N			
Rated data								
Rated voltage V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000			690	690	600		
Rated impulse withstand voltage / Pollution severity	76			76	76	70		
Gauge to IEC 60947-1 / UL 94 flammability rating	16			16 mm²	16	AWG 14...6		
Approvals			8 kV / 3				8 kV / 3	
			B7 / V-0				B7 / V-0	
				DEMKO14ATEX1338U				
Clamped conductors								
Solid / Stranded mm²	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...25				1.5...16 / 1.5...25			
Tightening torque / Clamping screw Nm	1.5...25 / 1.5...16				1.5...16 / 1.5...16			
Stripping length / Blade size mm/-	3...4 / (M 5)				1.2...2.4 / (M 4)			
	16 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	1.5...6 / 1.5...6							
Flexible / Flexible with ferrule mm²	1.5...6 / 1.5...6							
Note								

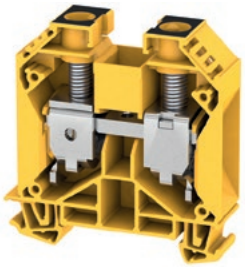
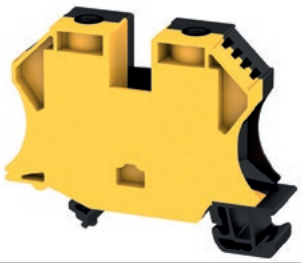
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
yellow/black	WDU 16 GE/SW	50	**2000040000**	WDU 16N GE/SW	50	**2000050000**
Note						

Accessories

	WDU 16				WDU 16N			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 16/2	101 A	50	**1053260000**	WQV 16N/2	76 A	50	**1636560000**
3-pole								
4-pole					WQV 16N/4	76 A	50	**1636580000**
10-pole	WQV 16/10	101 A	10	**1053360000**				
End plate / Partition plate								
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WTW EN		20	**1058800000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**				
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**				
dark beige					WEW 35/2		50	**1061200000**
Cover								
black/yellow	WAD 12 MC B GE/SW		32	**2445090000**				
white	WAD 12 MC NE WS		32	**2445070000**				
With lightning flash symbol								
Additional connection								
4mm²								
10 mm²								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 10/12 MC NE WS		300	**1905970000**
Testing / Checking								
Standard					WTA 2 WDU2.5-10	6 A	25	**1632320000**

For detailed information on other accessories and application in the online catalogue

	WDU 35	35 mm²	WDU 35N	35 mm²
				
Width/Height/Depth mm	16 x 60 x 62.5		16 x 66 x 50.5	
max. current / max. cond. cross-section A/mm²	150 / 50		150 / 50	
Max. clamping range mm²	2.5...50		2.5...50	

Technical data

	WDU 35				WDU 35N			
Rated data								
Rated voltage V	IEC 60947-7-1			Ex eb II C Gb II 2 G D	IEC 60947-7-1			Ex eb II C Gb II 2 G D
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated current A	1000			690	500			352
for wire cross-section mm²	125			115	125			110
	35			35 mm²	35			35 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B8, B9 / V-0				B8, B9 / V-0	
Approvals				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	2.5...16 / 2.5...50				2.5...16 / 2.5...50			
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35				2.5...35 / 2.5...35			
Tightening torque / Clamping screw Nm	4...5 / (M 6)				4...5 / (M 6)			
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm				18 / 6.5 x 1.2 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -								
Flexible / Flexible with ferrule -								
Note								

Ordering data

	WDU 35			WDU 35N		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
yellow/black	WDU 35 GE/SW	40	**2000060000**	WDU 35N GE/SW	20	**2000090000**
Note						

Accessories

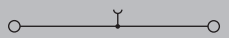
	WDU 35			WDU 35N		
Screwable cross-connection	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
2-pole	WQV 35/2 138 A	50	**1053060000**	WQV 35N/2 125 A	20	**1079200000**
3-pole						
4-pole				WQV 35N/4 125 A	20	**1079400000**
10-pole	WQV 35/10 112 A	10	**1053160000**			
End plate / Partition plate						
dark beige	WAP 16+35 WTW 2.5-10	20	**1050100000**	WTW EN	20	**1058800000**
Blue	WAP 16+35 WTW 2.5-10 BL	20	**1050180000**			
End bracket						
dark beige, screwable	WEW 35/1	50	**1059000000**			
dark beige				WEW 35/2	50	**1061200000**
Cover						
black/yellow	WAD 12 MC B GE/SW	32	**2445090000**			
white	WAD 12 MC NE WS	32	**2445070000**			
With lightning flash symbol				WAD 16N GE BED	50	**1083600000**
Additional connection						
4mm²						
10 mm²						
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/6.5 MC NE WS	540	**1609920000**	WS 12/6.5 MC NE WS	540	**1609920000**
Testing / Checking						
Standard						

For detailed information on other accessories and application in the online catalogue

WDU 50N

50 mm²

18.5 x 70 x 69.6
192 / 70
10...70



IEC 60947-7-1

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm²
	8 kV / 3		
	B10 / V-0		
			DEMKO14ATEX1338U

Rated connection	Further connection
6...16 / 6...70	
10...50 / 10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	

Type	Qty.	Order No.
WDU 50N GE/SW	10	**2000080000**

Type		Qty.	Order No.
WQV 50N/2	150 A	5	**1834060000**
WQV 50N/3	150 A	5	**1834070000**
WQV 50N/4	150 A	5	**1834080000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
WZAD 50N	41 A	5	**1872720000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

	WDU 70N/35	70 mm²	WDU 95N/120N	120 mm²
Width/Height/Depth mm	20.5 x 75 x 85		27 x 91 x 90	
max. current / max. cond. cross-section A/mm²	**232 / 95**		**290 / 150**	
Max. clamping range mm²	**16...95**		**16...150**	

Technical data

	WDU 70N/35				WDU 95N/120N			
Rated data								
IEC 60947-7-1				Ex eb II C Gb II 2 G D				Ex eb II C Gb II 2 G D
Rated voltage V	IEC 1000	UL 600	CSA	EN 60079-7 690	IEC 1000	UL	CSA	EN 60079-7 880
Rated current A	192	150		184	269			221
for wire cross-section mm²	70	AWG 6...0		70 mm²	120			120 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		B11 / V-0				B13 / V-0		
Approvals				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors								
	Rated connection		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	16...16 / 16...95				16...16 / 16...150			
Flexible / Flexible with ferrule mm²	16...70 / 16...50				16...120 / 16...95			
Tightening torque / Clamping screw Nm	8...12 / (M 8)				12...20 / (M 10)			
Stripping length / Blade size mm/-	22 / S6 (DIN 6911)				27 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -								
Flexible / Flexible with ferrule -								
Note								

Ordering data

Version	Type	Qty.	Order No.
yellow/black	WDU 70N/35 GE/SW	10	**2000100000**
Note			

Type	Qty.	Order No.
WDU 95N/120N GE/SW	5	**2000110000**

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 70N/2	192 A	5	**9512240000**
3-pole	WQV 70N/3	192 A	5	**9512250000**
4-pole	WQV 70N/4	192 A	5	**9531290000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**
Additional connection				
10 mm²	WZAD 70N	41 A	5	**1964830000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

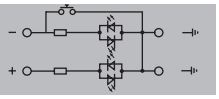
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 95N/120N/2	269 A	5	**1826890000**
3-pole	WQV 95N/120N/3	269 A	5	**1826900000**
4-pole	WQV 95N/120N/4	269 A	5	**1826910000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**
Additional connection				
10 mm²	WZAD 95N/120N	41 A	5	**1859580000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

ZTR 6-2 E

6 mm²

Width/Height/Depth	mm	16.2 x 70 x 50
max. current / max. cond. cross-section	A/mm²	**20 / 10**
Max. clamping range	mm²	**0.05...10**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	230	300		
Rated current	A	20	25		
for wire cross-section	mm²	6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A5 / V-0	
Approvals					
Clamped conductors		**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige, 230 V UC	ZTR 6-2 E / 230V UC	10	**8817930000**
dark beige, 24 V DC	ZTR 6-2 E / 24V UC	10	**8817920000**
Note			

Accessories

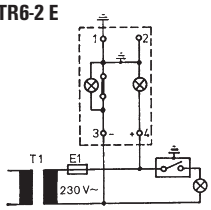
End plate / Partition plate	Type		Qty.	Order No.
dark beige	ZAP ZDU6-2		50	**1771440000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 7/ZA	9 A	25	**1780670000**
Screwdriver				
	SDIS 0.6X3.5X100		1	**2749810000**

For detailed information on other accessories and application in the online catalogue

Operation mode

Operating mode

ZTR6-2 E

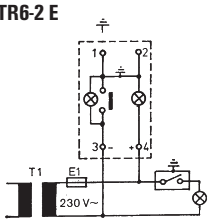


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.

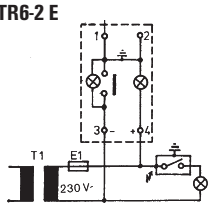
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction

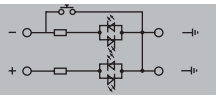
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

WTR 35 E | 35 mm²

Width/Height/Depth	mm	32 x 100 x 67.5
max. current / max. cond. cross-section	A	**125 / 35**
Max. clamping range	mm²	**4...35**



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal				
Rated current	125			
for wire cross-section	35			
Rated impulse withstand voltage / Pollution severity			0.8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B9 / V-0	
Approvals				
Clamped conductors				
Solid / Stranded mm²				
Flexible / Flexible with ferrule mm²				
Tightening torque / Clamping screw Nm				
Stripping length / Blade size mm/-				

Rated connection
4...16 / 10...35
4...35 / 4...35
4/ (M 6)
18 / 1.2 x 6.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige, 24 V DC	WTR 35 E	5	**1045970000**

Note

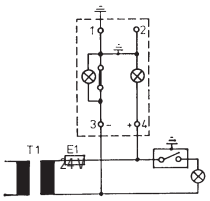
Accessories

	Type	Qty.	Order No.
End bracket			
dark beige, screwable	WEW 35/1	50	**1059000000**
Screwdriver			
Standard	SDS 1.2X6.5X150	1	**2749390000**
Marking tags			
	WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

Operation mode

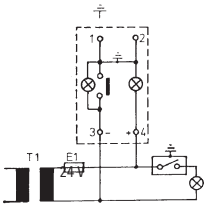
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

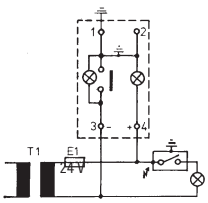
Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

Installation

Installation	Mounting accessories	C.2
	Assembly instructions	C.26
	Standards and industries	C.32
	Materials	C.40

Installation in conformity with standards

With precisely matched accessories

When mounting terminal blocks and assembling panels, you must always be able to rely on accessories fitting perfectly. Only then do the processes run smoothly and therefore productively. The requirements placed on terminal rails, busbars, as well as cover plates and support brackets, are correspondingly high. They have to comply with numerous standards and safety regulations.

Our promise
Our components are aligned to each other right down to the finest detail and hence make installation easier for you.

Information and ordering data for mounting accessories is available to you in our online catalogue.

Terminal rails

Terminal and top-hat rails for component mounting and end brackets are important for holding and insulating the components. Depending on the application area, we offer terminal rails made of steel, stainless steel, aluminium, copper or plastic.

Stainless steel
Stainless steel is a collective term for all types of steel (alloys) with a high degree of purity and corrosion resistance.

Aluminium
Aluminium has the second best electrical conductivity after copper. One advantage is low weight, another is outstanding corrosion protection.

Copper
Copper has the best electrical conductivity of all metals used. The copper rail has the highest short-circuit protection.

Plastic
Plastic terminal rails have insulating properties and are very light. They can be used where clearance and creepage distances to the support bracket cannot be achieved with standard terminal rails.

Steel
Steel terminal rails are the most widespread on the market. Among metal terminal rails, they have the lowest short-circuit protection, similar to stainless steel.

Use as PE conductors or PEN busbars
Under certain circumstances, you can also use terminal rails as bus bars for protective conductors (PE conductors) or PEN conductors. The Weidmüller PE terminal blocks with spring and screw connections fulfil the requirements for PE conductors defined in IEC 60947-7-2. According to VDE 0100 Part 540, protective earth conductors and neutral conductors with wire cross-sections above 10 mm^2 may be combined to form a conductor abbreviated as PEN.

Our installation tip

If a terminal rail is used as a PEN busbar, the following criteria have to be observed:
- Only profiles made of E-Cu or aluminium are permissible
- Short-circuit currents and thermal rated currents
- Insulate terminal rails with the “protective insulation”protective measure

Busbars

In the case of switchgear and control systems it, may be necessary to bring the neutral and PE conductor together on busbars. They offer the possibility of connecting a large number of conductors (on 1 m rails up to 70 conductors) with a low space requirement – either via a pressure piece or a clamping yoke. The SH rail support (which can also be arranged between the clamping yokes for longer bar) serves for fixing purposes. If the clamping yoke is used as protective earth connection, we can optionally supply it with green-yellow or as neutral conductor with blue insulation cap.

Our installation tip

- In order to combine neutral or protective earth conductors at a central point, the ZB clamping yoke can be used together advantageously with the 10 × 3 or 6 × 6 busbars
- The ZBE 6 can be retroactively swivelled on to the busbars

Cover profiles and support brackets

Several safety regulations, such as the accident prevention regulation “Electrical Installations and Equipment” (VBG 4) and VDE 0140-1 „Protection against electric shock“, require from you that active parts of electrical equipment are protected against direct touching. Our cover profiles with associated support brackets may be used for the most common terminal sizes. The support brackets can be arranged at the end or along the the terminal strip. They can be fastened to TS 32, TS 35 or TS 15 terminal rails.

Our installation tip

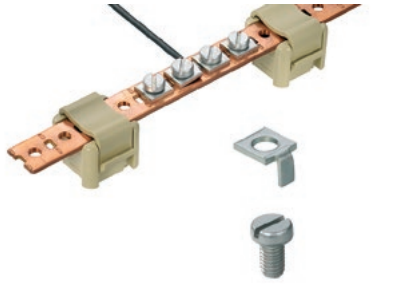
- Linear intervals of the support brackets: the linear measure of the ADP 1, 2 and 3 between the support brackets should not significantly exceed 300 mm
- The cover profile is also snapped on to tags at the sides; extra tightness is achieved with pegs on the support brackets for sealing purposes
- The transparent design of the profiles allows terminals with accessories and marking to be identified at any time. Additional markings, e.g. from groups, can also be applied

Busbars, unslotted

SSch

Type	Material	Dimensions	Rated current	Qty.	Order No.
SSCH 6X6X1000 CU/SN	Copper	6 / 6 / 1000 mm	140 A	1 M	0571300000
SSCH 7.3X1.2X1000	Copper	7.3 / 1.2 / 1000 mm		1 M	1071200000
SSCH 10X3X1000 CU/SN	Copper	10 / 3 / 1000 mm	140 A	25 M	0348900000
SSCH 10X3X1000 ST/ZN	Steel	10 / 3 / 1000 mm		1 M	0438000000
SSCH 10X3X2000 CU VERZ.	Copper	10 / 3 / 2000 mm	140 A	2 M	1397000000
SSCH 15X6X1000 CU/SN	Copper	15 / 6 / 1000 mm	265 A	1 M	0357400000

Busbars, slotted

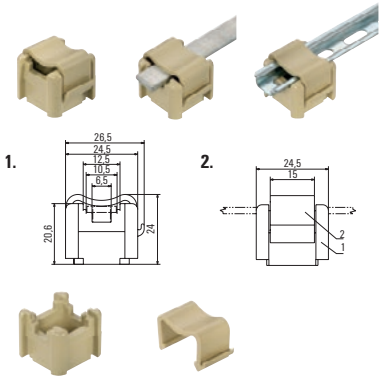


NSch / ESch

Type	Material	Dimensions	Rated current	Qty.	Order No.
ESCH 1 M	Steel	1000 / 2 / 12 mm	24 A	10 M	0280300000
NSCH 1M	Copper	1000 / 2 / 15 mm	24 A	10 M	0280200000
NSCH 2M	Copper	2000 / 2 / 15 mm	24 A	2 M	1313600000
Pressure piece				**Qty.**	**Order No.**
DKSUE NSCH/ESCH				100	0280100000
Clamping screw					
BFSC M5X8 SCHLITZ				100	0296700000
For solid conductors and cable lugs according to DIN 46234.					

Rail support

With yoke and base

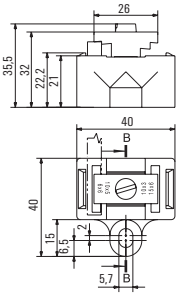


SH 1

Type	Material	Dimensions	Qty.	Order No.
SH 1	Polyamide 66	26 / 24 / 24.5 mm	20 ST	0299860000
Individual parts			**Qty.**	**Order No.**
SO SH1			20	0401460000
KLBUE SH1			20	0635960000
Mounting screw				
BFSC M4X9T			100	0103300000
BFSC M4X30			50	0267100000
SH 1: for busbar cross-section 10 x 3, 6 x 6, 15 x 2, 12 x 2, 15 x 2, 15 x 6				

Rail support

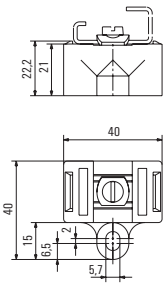
With metal bridge



SH 2S

Type	Material	Dimensions	Qty.	Order No.
SH 2 S	KrG	40 / 35.5 / 40 mm	10 ST	0641720000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5, 15 x 6				

Rail support

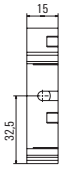


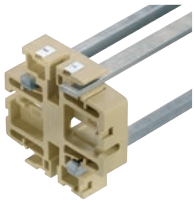
SH 2

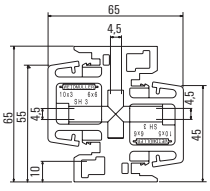
Type	Material	Dimensions	Qty.	Order No.
SH 2	KrG	40 / 25 / 40 mm	10 ST	0494920000
The arrangement of mounting rails in totally insulated facilities				

Rail support

With metal bridge



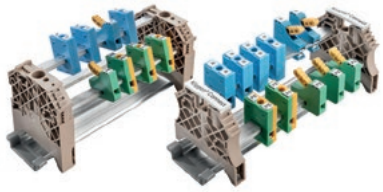




SH 3

Type	Material	Dimensions	Qty.	Order No.
SH 3	Polyamide 66	65 / 65 / 15 mm	10 ST	0556660000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5				

Rail support



WEW

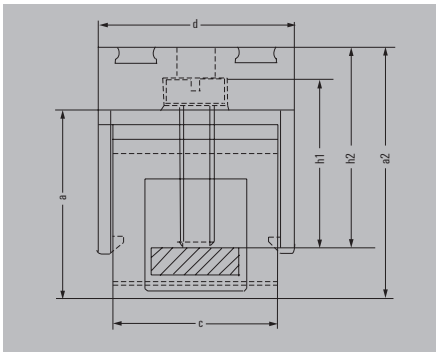
Type	Material	Dimensions	Qty.	Order No.
Polyamide with fibre glass, screwable				
WEW 35/1	Wemid	12 / 62.5 / 56 mm	50 ST	1059000000
WEW 35/2	Wemid	8 / 46.5 / 56 mm	50 ST	1061200000
WEW 35/1 GR	Wemid	12 / 62.5 / 56 mm	50 ST	1227890000
WEW 35/1 SW	Wemid	12 / 63 / 56 mm	50 ST	1162600000
WEW 35/2 GR	Wemid	8 / 46.5 / 56 mm	50 ST	1859200000
WEW 35/2 SW	Wemid	8 / 47 / 56 mm	50 ST	1061210000
For busbar cross-section 10 x 3, 6 x 6				

Busbar tap terminal

WBBD 16

Type	Rated voltage	Rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WBBD 16 BL	690 V	114 A	1.5...16 mm²	blue	12 ST	**2603850000**
WBBD 16 GN	690 V	114 A	1.5...16 mm²	green	12 ST	**2603860000**
WBBD 16 GY	690 V	114 A	1.5...16 mm²	grey	12 ST	**2603840000**
For busbar thickness 3...10 mm						

Clamping yoke, uninsulated



Tightening torques for clamping screws according to IEC 60947-1

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	
	min. 8.8	A 2/A 4-80
	[Nm]	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

for busbar 10 x 3 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4	silver	5.3 mm	15.5 mm	16 mm	50	0316500000
IK 4 BL ZB4	silver	6 mm	19 mm	14.5 mm	50	0475480000
IK 4 GG ZB4	silver	6 mm	19 mm	14.5 mm	50	0475460000

for busbar 10 x 3 mm

For subsequently slewing-in

Solid	1...10 mm²
Flexible	1.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6	silver	8 mm	19 mm	28 mm	50	0459500000
IK 6 GG ZBE6K	silver	7.8 mm	22.5 mm	23 mm	50	0526060000

for busbar 10 x 3 mm

Also for 10 x 5 mm busbars

Solid	1.5...10 mm²
Flexible	2.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZB 10

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 10 F.10X3/10X5/10X10	silver	8 mm	19.5 mm	29.1 mm	50	1261300000

for busbar 10 x 3 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	16 mm

ZB 16

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16 ZKSC	silver	10 mm	16 mm	24 mm	50	0316600000
IK 16/ZB16 BL	silver	9 mm	19 mm	20 mm	50	0502980000
IK 16/ZB16 GG	silver	9 mm	19 mm	20 mm	50	0502960000

for busbar 10 x 3 mm

Solid	16...16 mm²
Flexible	16...35 mm²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

ZB 35

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35/M6X16	silver	14 mm	18 mm	34 mm	20	0266500000
IK 35/ZB35 BL	silver	14 mm	32 mm	8.6 mm	50	0502780000

for busbar 6 x 6 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6	silver	5.3 mm	12 mm	20 mm	50	0556700000

for busbar 6 x 6 mm

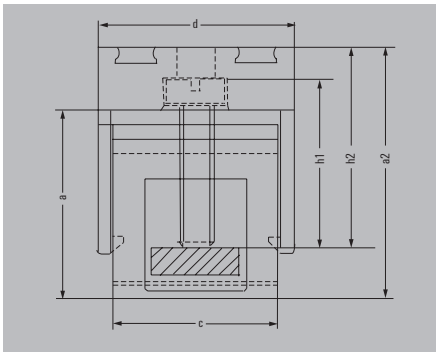
Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	12 mm

ZB 16/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6	silver	10 mm	12.5 mm	30.7 mm	50	0556800000

Mounting accessories – Busbars

Clamping yoke, insulated



for busbar 10 x 3 mm

Solid	0.5…6 mm²
Flexible	…
Stranded	…
Clamping screw	M 3
Stripping length	16 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4G BL	blue	7.4 mm	19.5 mm	27 mm	50	0322180000
ZB 4G GN/GE	Green/yellow	7.4 mm	19.5 mm	27 mm	50	0322160000
ZB 4G SW	silver	7.4 mm	19.5 mm	27 mm	50	0322110000
ZB 4K BL	blue	6 mm	19 mm	20.4 mm	50	0475380000
ZB 4K GE/GN	Green/yellow	6 mm	19 mm	20.4 mm	50	0475360000

for busbar 10 x 3 mm

For subsequently slewing-in

Solid	1…10 mm²
Flexible	1.5…10 mm²
Stranded	…
Clamping screw	M 4
Stripping length	19 mm

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6K BL	blue	8 mm	22.5 mm	19.5 mm	50	0525980000
ZBE 6K GE/GN	Green/yellow	8 mm	22.5 mm	19.5 mm	50	0525960000
ZBE 6K SW	black	8 mm	22.5 mm	19.5 mm	50	0525910000

for busbar 10 x 3 mm

Solid	2.5…16 mm²
Flexible	2.5…16 mm²
Stranded	16…25 mm²
Clamping screw	M 4
Stripping length	16 mm

ZB 16K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16K BL	blue	10 mm	19 mm	26.8 mm	50	0502880000
ZB 16K GE/GN	Green/yellow	10 mm	19 mm	26.8 mm	50	0502860000

for busbar 10 x 3 mm

Solid	16…16 mm²
Flexible	16…35 mm²
Stranded	…
Clamping screw	M 6
Stripping length	19 mm

ZB 35K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35K BL M6X16	blue	14 mm	32 mm	34 mm	20	0502680000
ZB 35K GE/GN M6X16	Green/yellow	14 mm	32 mm	34 mm	20	0502660000
ZB 35K SW M6X16	black	14 mm	32 mm	34 mm	20	0502610000

for busbar 10 x 3 mm

Tension clamp connection

Solid	0.5…4 mm²
Flexible	0.5…2.5 mm²
Stranded	0.5…4 mm²
Clamping screw	
Stripping length	10 mm

ZF 4 S

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZF 4 S	silver	6.1 mm	24.5 mm	22 mm	50	1814680000
ZF 4 S BL	silver	6.1 mm	24.5 mm	22 mm	50	1814660000
ZF 4 S GN	green	6.1 mm	24.5 mm	22 mm	50	1814670000

for busbar 6 x 6 mm

Solid	0.5…6 mm²
Flexible	0.5…4 mm²
Stranded	…
Clamping screw	M 3
Stripping length	16 mm

ZB 4 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6K BL	blue	6 mm	25 mm	14.7 mm	50	0565480000
ZB 4/6K GE/GN	Green/yellow	6 mm	25 mm	14.7 mm	50	0565460000

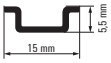
for busbar 6 x 6 mm

Solid	2.5…16 mm²
Flexible	2.5…16 mm²
Stranded	16…25 mm²
Clamping screw	M 4
Stripping length	12 mm

ZB 16 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6K GE/GN	Green/yellow	10 mm	25 mm	30.7 mm	50	0569660000

TS 15 terminal rail

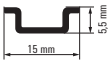


unslotted

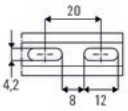
TS 15 x 5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 15X5 2M/ST/ZN	10.00 mm²	1.2 kA		2000mm	1.00 mm	10 M	**0514200000**

TS 15 terminal rail



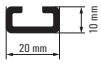
with slot



TS 15 x 5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 15X5/LL 2M/ST/ZN	10.00 mm²	1.2 kA		2000mm	1.00 mm	10 M	**0117500000**
TS 15X5/LL 1M/ST/ZN	10.00 mm²	1.2 kA		1000mm	1.00 mm	10 M	**0117510000**

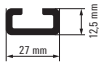
TS 20 terminal rail

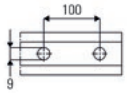


TS 20 x 10

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 20/CX10 2M/ST/ZN						2 M	**2968890000**

TS 27 terminal rail



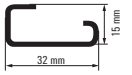


TS 27 x 12.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 27X12.5M/ST/F.ZN					2.00 mm	2 M	**1802690000**

C

TS 32 terminal rail

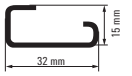


unslotted

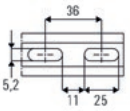
TS 32 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Aluminium							
TS 32X15 2M/AL/BK	70.00 mm²	8.4 kA	192.00 A	2000mm	1.50 mm	20 M	**0169300000**
Steel, galvanised and passivated							
TS 32X15 2M/ST/ZN	35.00 mm²	4.2 kA		2000mm	1.50 mm	20 M	**0122800000**
Stainless steel, rust-proof							
TS 32X15 2M/CRN				2000mm	1.50 mm	20 M	**0293220000**

TS 32 terminal rail



with slot



TS 32 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 32X15/LL 2M/ST/ZN	35.00 mm²	4.2 kA		2000mm	1.50 mm	20 M	**0514400000**

TS 35 x 7.5 terminal rail

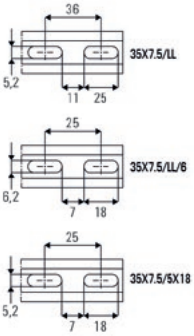
unslotted

TS 35 x 7.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X7.5/1.0 2M/CU/BK	50.00 mm²	6 kA	150.00 A	2000mm	1.00 mm	40 M	**2731380000**
Aluminium							
TS 35X7.5 2M/AL/BK	35.00 mm²	4.2 kA	125.00 A	2000mm	1.00 mm	40 M	**0330800000**
Steel, galvanised and passivated							
TS 35X7.5 2M/ST/ZN	16.00 mm²	1.92 kA		2000mm	1.00 mm	40 M	**0383400000**
TS 35X7.5 1M/ST/ZN	16.00 mm²	1.92 kA		1000mm	1.00 mm	20 M	**0383410000**
Stainless steel, rust-proof							
TS 35X7.5 2M/CRN				2000mm	1.00 mm	40 M	**1747350000**
TS 35X7.5 2M/CRN 316L					1.00 mm	40 M	**2716000000**

TS 35 x 7.5 terminal rail

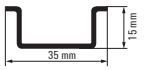
with slot



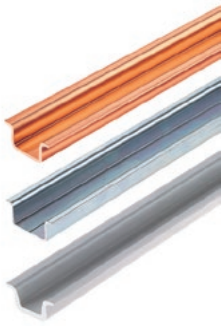
TS 35 x 7.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 35X7.5/LL 1M/ST/ZN	16.00 mm²	1.92 kA		1000mm	1.00 mm	20 M	**0514510000**
TS 35X7.5/LL 2M/ST/ZN	16.00 mm²	1.92 kA		2000mm	1.00 mm	40 M	**0514500000**
TS 35X7.5/LL 2M/ST/SZ	16.00 mm²	1.92 kA		2000mm	1.00 mm	40 M	**7915060000**
TS 35X7.5/LL/6 2M/ST/ZN	16.00 mm²	1.92 kA		2000mm	1.00 mm	40 M	**0514570000**
TS 35X7.5/LL/6X18 2M/O	16.00 mm²	1.92 kA		2000mm		40 M	**1071690000**
TS 35X7.5/5X18 2M/ST/SZ	16.00 mm²	1.92 kA		2000mm	1.00 mm	40 M	**1879090000**

TS 35 x 15 terminal rail



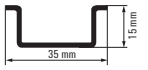
unslotted



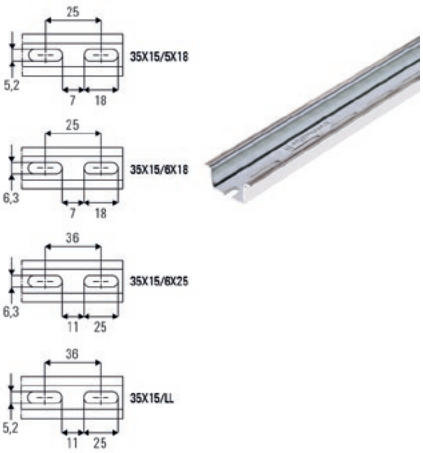
TS 35 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X15/2.3 2M/CU/BK	150.00 mm²	18 kA	309.00 A	2000mm	2.30 mm	20 M	**0270100000**
Aluminium							
TS 35X15/2.3 2M/AL/BK	95.00 mm²	11.4 kA	232.00 A	2000mm	2.30 mm	2 M	**1848290000**
Steel, galvanised and passivated							
TS 35X15/2.3 2M/ST/ZN	50.00 mm²	6 kA		2000mm	2.30 mm	20 M	**0498000000**
TS 35X15 2M/ST/ZN	35.00 mm²	4.2 kA		2000mm	1.50 mm	20 M	**0236400000**
Plastic PVC RAL 7035							
TSK 35X15 2M PVC/GR				2000mm	3.00 mm	2 M	**0514300000**

TS 35 x 15 terminal rail



with slot



TS 35 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 35X15/5X18 2M/ST/SZ	50.00 mm²	6 kA		2000mm		20 M	**1879100000**
TS 35X15/5X18 2M/ST/ZN	50.00 mm²	6 kA		2000mm		20 M	**1837380000**
TS 35X15/6X18 2M/ST/ZN	50.00 mm²	6 kA		2000mm	1.50 mm	20 M	**1805980000**
TS 35X15/6X25 2M/ST/ZN	50.00 mm²	6 kA		2000mm		2 M	**1866290000**
TS 35X15/LL 1M/ST/ZN	50.00 mm²	6 kA		1000mm	1.50 mm	10 M	**0236510000**
TS 35X15/LL 2M/ST/SZ	50.00 mm²	6 kA		2000mm	1.50 mm	20 M	**7907490000**
TS 35X15/LL 2M/ST/ZN	50.00 mm²	6 kA		2000mm	1.50 mm	20 M	**0236500000**
TS 35X15/LL 2M/ST/ZN/O	50.00 mm²	6 kA		2000mm		20 M	**1071680000**

End cap for TS 35

End cap for TS 35

Type	PEN function	Height	Length	Qty.	Order No.
End cap TS 35 x 7.5					
TS END CAP 35X7.5		37.5 mm		100 ST	**1283470000**
End cap TS 35 x 15					
TS END CAP 35X15		37.5 mm		100 ST	**1283480000**

C

Mounting accessories – DIN rail support / mounting feet

Terminal rail support

TSTW 5/M5
TSTW 5/M5 verzinkt
TSTW 6/M6

Type	Internal thread	Qty.	Order No.
TSTW 5/M5	M 5	10	0178100000
TSTW 5/M5 ZN	M 5	10	1779100000
TSTW 6/M6	M 6	10	0164000000
TSTW D 4.3	without	10	1610110000

Terminal rail supports of type TSTW serve for angled mounting of terminal rails at an angle of 35°.

Terminal rail support

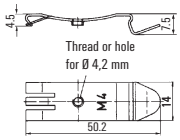
TST

Type	Internal thread	Qty.	Order No.
TST 2/M5	M 5	10	1286600000
TST 2/M6	M 6	10	0101700000
Type		**Qty.**	**Order No.**
Fastening screws			
FKSC M6X8 D9/SW3		50	0642600000
Mounting screw			
FKSC M5X8 D9/SW2.5		50	0295900000
FKSC M6X12 D9/SW3		50	0353500000

The TST terminal rail support serves to install terminal rails in the frame or using a cut-out.
For the terminal rail supports, Weidmüller offers fastening screws with hexagonal socket and an especially low head, such that terminal blocks can also be mounted above the screw.

Mounting feet

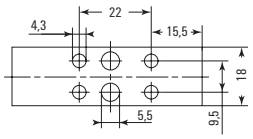
FM 4



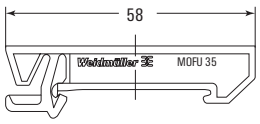
Type	Internal thread	Qty.	Order No.
FM 4 foot			
FM 4/TS35	M 4	40	0687900000
FM 5/TS35	M 5	40	0636800000
FM 6/TS35	M 6	40	0636900000
FM 4.2/TS35	M 4	40	1724580000
FM 4.2/TS35 without threadFM 4.2/TS35 without thread			

Mounting feet

MOFU 35/LO/1

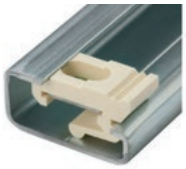


MOFU 35

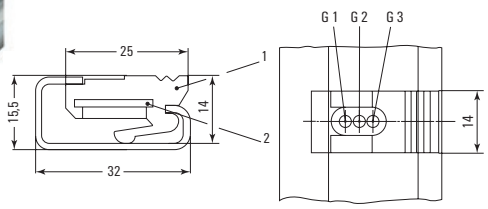


Type	Internal thread	Qty.	Order No.
MOFU 35/LO/1		20	0646260000
MOFU 35		20	0495660000
MOFU 35/LO/1 SW		20	0646210000

Mounting feet



MB



Type	Internal thread	Qty.	Order No.
MB M3/M5 CRM	M 5	20	0503500000
MB M5/M3 SW	M 5	20	0553400000
MB M6/M4 GR	M 5, M 6	20	0334900000

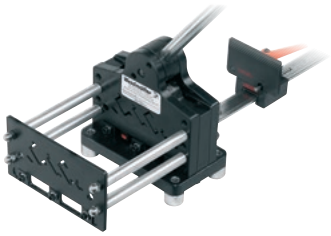
The sliding nuts for the TS 32 terminal rails are each fitted with two threaded holes for M3 + M5/M6 + M4/M5 + M3 screws. They serves to attach components that cannot be directly snapped onto the TS 32 and particularly to hold the smaller TS 15 top-hat rail. For example, small terminal blocks can firstly be snapped onto the TS 15 and then this rail can be attached to the TS 32 using the sliding nuts.

DIN rails and accessories

Rail cutting and punching devices

For burr-free cutting and punching of DIN-rail profile rails, Weidmüller offers rail cutting and punching devices TSLD 5 and TSLD C Profile bars and C-profiles can be easily cut to length and punched without much effort. Other product features of the TSLD are:

- Table-top unit for mounting on workbench or similar workplaces
- Guiding device for 90° angle accurate cutting
- Burr-free cutting of top-hat rails without waste
- Shear plate regrindable
- Integrated length stop (up to 1,000 mm)



TSLD 5

Perforating / Punching of Top Hat Rails

TSD 35

10x3 busbar

TS 15x5,5 mm acc. EN 60715 (t=1,0 mm)

TS 32 mm acc. EN 60715 (t=1,5 mm)

TS 35x7,5 mm acc. EN 60715 (t=1,0 mm)

TS 35x15 mm acc. EN 60715 (t=1,5 mm)

Type	Perforating / Punching	10x3 busbar	TS 15x5,5x1,0	TS 32	C Profile	TS 35x7,5x1,0	TS 35x15x1,5	Qty.	Order No.
TSLD 5	x	x	x	x	–	x	x	1	**9918700000**
TSLD C*	x	x	x	–	x*	x	x	1	**1270310000**
TSD 35	–	–	–	–	–	x	x	1	**1318510000**

*on request / G-profile (TS 32) is replaced by customer-specific C-profile

C

Klippon®RailSnapper– For direct mounting of DIN rails

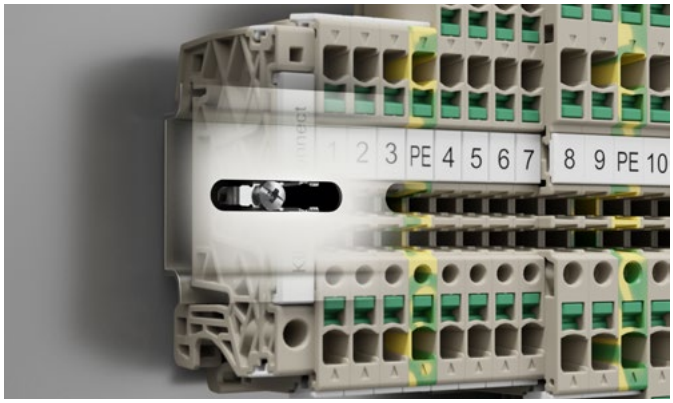
Use the entire length of the DIN rail

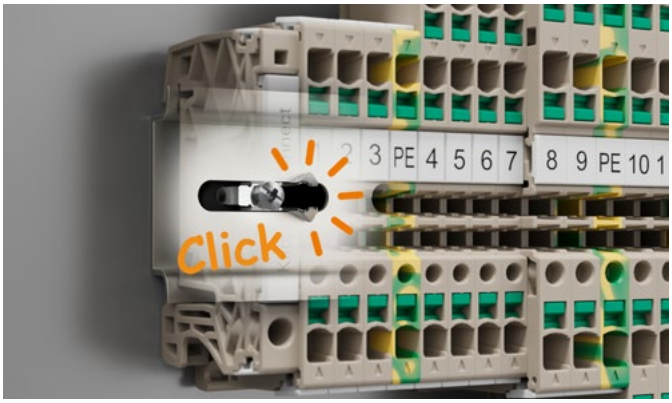
The Klippon® RailSnapper: Your key to simple and secure fastening of your DIN rail. With the clever click mechanism, which is ensured by wing screws, we offer you maximum security for DIN rail mounting.

But that's not all – our low installation height allows you to mount with components already snapped on. This allows you to use the entire length of your DIN rail without any restrictions.

No more annoying cut-outs for fixing screws and unused space on your DIN rail. With the Klippon® RailSnapper you can optimize your processes and create valuable space in your cabinet.

More technical details and further information on our Klippon® RailSnapper can be found in our online catalog:
www.weidmueller.com/railsnapper





Fast Mounting Clip

FMC 5.2/1.0 SC

FMC 5.2/1.0 BR

Technical Data

Thread size	M3.5	
Hole dimension / Drill hole	2.9 mm	3.3 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Ordering data

	Type	Qty.	Order-No.	Type	Qty.	Order-No.
Variants with screw	FMC 5.2/1.0 SC	100	**2920530000**			
Variants with screw	FMC 5.2/1.5 SC	100	**2999800000**			
Variants with rivet				FMC 5.2/1.0 BR	100	**2968380000**
Variants with rivet				FMC 5.2/1.5 BR	100	**2999810000**

for TS 15 terminal rail

EW 15

EW 15/2

ZEW 15

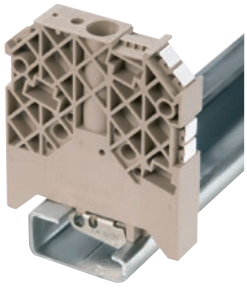
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EW 15	beige	0.5 Nm	50	**0382860000**
Polyamide with fibre glass, screwable				
EW 15/2	dark beige	0.5 Nm	50	**1071900000**
Polyamide 66, screwless				
ZEW 15	beige		20	**7920340000**

for TS 32 terminal rail

EWK 1

EWK 2

MEW 1/32



WEW 32/1

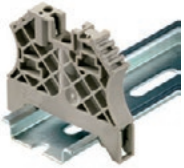
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EWK 2	beige	0.5 Nm	50	**0199360000**
EWK 1	beige	0.5 Nm	50	**0206160000**
Polyamide with fibre glass, screwable				
WEW 32/1	dark beige		50	**1067600000**
Metal, screwable				
MEW 1/32	grey		20	**0445600000**

for TS 35 terminal rail

AEB 35 SC

AEB 35 SCL

WEW 35/1



WEW 35/2

ZEW 35/2

EW 35

MEW 35/1

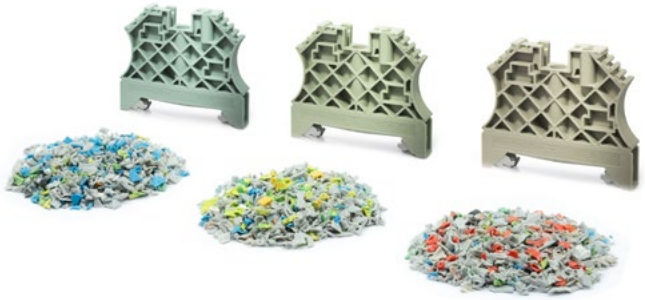
Type	Colour	Torque	Qty.	Order No.
Polyamide with fibre glass, screwable				
AEB 35 SC/1	dark beige	0.5 Nm	50	**1991920000**
AEB 35 SC/1 BK	black	0.5 Nm	50	**2475310000**
WEW 35/1	dark beige	1.2 Nm	50	**1059000000**
WEW 35/2	dark beige	0.5 Nm	50	**1061200000**
WEW 35/1 GR	grey	1.2 Nm	50	**1227890000**
WEW 35/1 SW	black	1.2 Nm	50	**1162600000**
WEW 35/2 GR	grey	0.5 Nm	50	**1859200000**
WEW 35/2 SW	black	0.5 Nm	50	**1061210000**
Polyamide 66, screwless				
AEB 35 SCL/1 V0	dark beige		20	**2661280000**
AEB 35 SCL/1 V0 BK	black		20	**2661300000**
AEB 35 SCL/1 V0 GY	Light Grey		20	**2661290000**
ZEW 35	dark beige		20	**9540000000**
ZEW 35/2	dark beige		20	**8630740000**
ZEW 35 GR	grey		20	**1238040000**
ZEW 35/2 GR	grey		20	**1227850000**
ZEW 35/2 SW	black		20	**1162610000**
Polyamide 66, screwable				
EW 35	beige	0.5 Nm	50	**0383560000**
EW 35 GR 7032	grey	0.5 Nm	50	**0383530000**
EW 35 DB	dark beige	0.5 Nm	50	**1269050000**
Metal, screwable				
MEW 35/1	grey		10	**1805610000**

Focus on sustainability

End bracket made from 100 % recycled plastic material

In terms of the growing importance of sustainability, we are setting new standards by being the first company in the world to offer end brackets made from 100 % recycled plastic. This innovative solution makes an active contribution to reducing the carbon footprint by reducing CO_2 emissions during production, while at the same time conserving valuable natural resources.

By recycling materials, we make an important part of the circular economy and help to minimize waste. By purchasing this product, you are supporting sustainable production processes and setting an example for responsible action.



Colorful variety thanks to recycling
Production overages are reused in the manufacture of end brackets from recycled material. As these excess materials contain different color pigments, the color of the end products may vary.
Depending on the composition of the recycled materials, end brackets are produced in different colors, which is both economical and environmentally friendly, as there is no need for additional colorants. These color variations make each product unique and underline the sustainable character of the production process.

100 % recycled plastic and 80 % less CO_2
The world's first terminal block product made from 100 % recycled plastic (post-industrial material). This sustainable innovation helps the circular economy by reusing valuable materials and reducing waste. In this way, we actively contribute to the conservation of natural resources and support the responsible use of raw materials.
More than 80 % CO_2 savings thanks to 100 % recycled (post-industrial material) plastic material. This is a significant step towards reducing our ecological footprint and underlines our commitment to a sustainable future.

Process innovation made in Germany
Thanks to highly developed know-how at the Detmold site and the separation of waste by type within the production sites, we ensure that only high-quality recycled material is used.
Special preparation of the plastic and optimized adaptation of the injection moulding process ensure that the end bracket has the same outstanding mechanical and electrical properties as conventionally manufactured products.

Quality assurance in the laboratory
Thanks to regular laboratory tests, we always guarantee first-class quality for our end brackets. Our continuous checks ensure that every product meets the highest mechanical and electrical standards and is reliable.

End bracket	AEB 35 SCL/1 RM	AEB 35 SC/1 RM	WEW 35/2 RM
Ordering data			
Continuous operating temp., min.	-40 °C	-60 °C	-50 °C
Continuous operating temp., max.	100 °C	130 °C	100 °C
Material	polyamide	polyamide (GF)	polyamide
UL 94 flammability rating	V-0	V-0	HB
Ordering data	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
	AEB 35 SCL/1 RM / 50 / **3112310000**	AEB 35 SC/1 RM / 50 / **3112300000**	WEW 35/2 RM / 50 / **3112290000**
Hinweis			

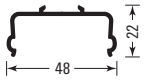
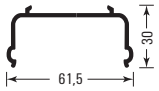
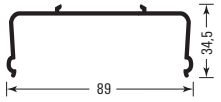
C

ADP

Cover strips

Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70 °C

transparent

Type		Order No.
ADP 1		**0485200000**
ADP 2		**0485300000**
ADP 3		**0485400000**
ADP 4 (1000 mm)		**1430760000**

transparent

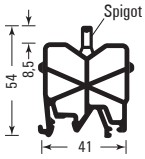
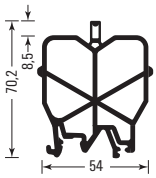
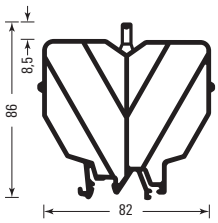
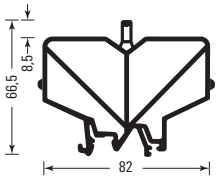
Type		Order No.
ADP 4 (300 mm)		**1378160000**

HP

Retaining plates

Material: PA 66
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal

Type		Order No.
HP 1		**0485560000**
HP 2		**0485660000**
HP 3		**0485760000**
HP 4		**0485860000**

Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6

Marking materials	Type	Qty.	Order No.
Card with warning "lightning flash", self adhesive 20 pcs. per card	BEZ.-KARTE ADP	10	**0566700000**

Systemised marking
For optimised processes

Your primary expectation of a marking system is that it clearly shows how your components are configured. This includes an accurate printed image, ease of use and usability in an industrial environment. You need data entry and administration software to provide optimum support. During marker output, the speed should be adaptable to your needs. In order to provide the right marking solution for all products at all time, we have built up a unique overall system of markers, printers and software. The tailored range of products ensures precise identification throughout the whole panel – or, for short, systemised marking.

Our promise
Our harmonised system of software, markers and printers allows you to optimise processes – from entering your data to the finished marker for the individual panel configuration. You have a clear overview to allow clear identification of panel components.

More detailed information on our marking system is available at **www.weidmueller.com/marking**

Order data is available in our online catalogue.

Flexible printing on plastic and metal markers with inkjet printer
The MultiCard concept is our standard for modern, innovative identification and marking systems. With over 270 variants, it offers neutral plastic markers in a standardised card format for all Weidmüller terminal blocks and terminal blocks from other manufacturers. We also offer the appropriate marker options for the simple and quick connection of conductors, cables and devices.

Use our PrintJet CONNECT inkjet printer for quick clear labelling of large volumes. Its precise colouring and thermal fixing ensure continuous and robust identification. MetalliCard formats made of aluminium and stainless steel can also be printed just as securely. Its wide range of applications and flexibility allows this printer to provide standard-compliant and efficient marking. Depending on the requirements, it is operated either with our user-friendly planning software M-Print® PRO or as a standalone solution with saved templates using a USB stick.

Endless marking with MultiMark and the thermo-transfer printer

The MultiMark terminal markers are endless material with a special stamped pattern. This means they can be rotated easily, which is ideal for compensating tolerances in long terminal blocks. The MultiMark formats are printed using the compact, modular THM MultiMark thermo-transfer printer which offers high levels of flexibility. The optional cutting and perforation option enables the endless material to be cut to any length. This makes cutting and assigning the relevant labels very simple. The THM MultiMark is also the ideal printer when it comes to printing fabric and polyester labels, shrink sleeves and PLC labels. The major benefit: you can make all the labels in and around the panel using just one printer.

Highlight

We offer you a holistic approach to labeling systems in industry. The printer, software and markers form a coordinated unit - Systemised Marking.

Professional tools
Just work faster and more efficiently

You need them for wiring and testing, for commissioning and maintenance – tools are a constant companion when it comes to panel building. They need to sit well in the hand and guarantee consistently high workmanship even after many working cycles. Our quality tools are a choice that will bring you happiness for a long time. Our range includes proficient manual tools for cutting, stripping, crimping, testing and screwing, as well as machines and accessories. From installation of the terminal blocks to installation of delicate electronic components, you can find the right tool for all applications from us.

Our promise
Weidmüller tools were developed with the aim of making your work easier, optimising working processes and thus increasing productivity in panel building. The perfect coordination of terminal blocks, wire-end ferrules and conductors guarantees the best possible working results.

Detailed information on our range of tools is available at
www.weidmueller.com/tools

Order data is available in our online catalogue.

The right quality tool for every stage of the process

Cutting
With our robust cutting tools, you can rely on smooth, straight cuts with no deformation of the conductor. Whether you need to cut copper or aluminium cables with small or large cross-sections, the mechanical drive and specific cutting shape allow really ergonomic work.

Stripping
Our precision tools specialise in stripping and sheath stripping of cables to guarantee reliable results. The wide product range is perfectly tailored to insulation and the wire cross-section and guarantees perfect wiring for all sorts of cable types.

Crimping
Our selection of crimping tools fits a wide range of conductors, wire-end ferrules and contacts. This ensures optimum processing quality in all applications. The result is stable, long-lasting connections which meet all relevant international standards and regulations.

Testing and measuring
From voltage testers through clamp-on meters, use our complete range of testing and measuring instruments for precise results. Besides the highest possible reliability for optimum application protection, the devices provide impressively easy handling.

Pliers
Our range of ESD pliers meets all national and international testing standards. The special material of the handles prevents electrostatic discharge. And the ergonomic design of the pliers allows fatigue-free work.

Screwing
High torques and optimum transfer of axial force – our manual and battery-powered torque screwdrivers enable exact, effective work with high levels of repeat accuracy. They are available in four sizes to fit all hands and requirements.

Automatic machines
Automating individual work stages such as cutting to length, stripping and crimping helps increase efficiency. With our robust, user-friendly machines for cable processing, you reduce installation times and minimise production costs.

Wire-end ferrules and cable connectors
With our wire-end ferrules and insulated cable connectors, you guarantee safe connections in the long term. We provide these accessories to match our components and tools in various versions and colour alternatives.

Highlight

Real added value for you: you can have your tools regularly tested and maintained in our in-house tool certification office. This allows you to guarantee consistent functionality and quality.

For every industry and every application
Klippon® Protect enclosure system gives safety and protection to connection solutions

Enclosures fulfil an important safety function and prove their worth every day, even under the toughest of conditions. All industries have their own specific requirements in terms of enclosure technology – from machine construction through transport and energy engineering to the process industry. With Klippon® Protect, you can choose from a wide range of universal and application-specific enclosures. These products cover all relevant approvals required for use in industrial and explosive risk zones. They are flexible enough for optimal adaptation to your requirements.

Our promise
The flexible Klippon® Protect enclosure system is the perfect addition to our Klippon® Connect range of terminal blocks. You can rely on our assembled enclosures to offer a custom fit to your requirements and provide excellent protection. Klippon® Services completes our products range with optimal support for your processes.

More detailed information on our wide range of Klippon® Protect enclosure systems can be found at **www.weidmueller.com/klipponprotect**

Universal range
The universal enclosures Klippon® Protect are made of stainless steel, aluminium, or plastic. Either one guarantees excellent protection for your assembly. With these robust enclosures, you can implement various field applications to suit your requirements. The matching system accessories enable simple integration, expansion, and customisation.

Application range
Our Klippon® Protect application range provides solutions for monitoring and safety, measurement and control technology, and power distribution. These application solutions are based on high quality and comprehensive approvals for explosive risk zones.
You can obtain distribution boxes, terminal boxes or command and signalling devices as well from a single source in a consistent enclosure design for maximal safety, reliable functionality and low follow-up costs for maintenance, replacement and storage.

Klippon® Assembly Service
The Klippon® Assembly Service supplies fully assembled terminal rails and enclosures that can be installed directly in the cabinet or on the machine. It therefore simplifies planning, accelerates production processes, reduces work steps and ensures the reliable delivery of individually assembled products.

WMC

Configuration and ordering are simple with the Weidmüller Configurator
www.weidmueller.de/wmc

Highlight

Our Fast Delivery Service is a real highlight of our service range that offers to easily configure and request assembled terminal strips, empty or assembled enclosures with the Weidmüller Configurator WMC. The offer is provided within just a few minutes including order numbers for direct ordering – available 24/7. An order will be dispatched from Germany after just four days when a certain service level is selected. Order quantities start at one.

General technical notes
Useful tips from planning through to installation

As a system planner, you bear the responsibility for the correct selection of solutions and components. The IEC standard and the DIN EN 61439 "Low-voltage switchgear and controlgear assemblies" standard support you here. They stipulate the planning and construction requirements, as well as the necessary design verifications. The essential prerequisites are, of course, professional handling of equipment and observance of the rules in force. Only in this way can hazards to persons and property be avoided when they are dealing with electrical energy. In particular, installation, maintenance work, modifications and retrofitting may only be carried out by qualified personnel and in compliance with the general installation and safety regulations for work on power installations.

Our promise
Connections in the panel have to satisfy numerous rules and conditions. Whether installing terminal strips and terminal blocks or using aluminium conductors – we provide you with useful tips that make your work easier.

Operating conditions
The specifications contained in the documentation apply, insofar as no separate stipulations apply, for the recommended installation position and for environmental conditions in the case of indoor installation (pollution severity 3, in exceptional cases 2) in accordance with IEC 60439-1 and IEC 61439-1/2/3. The user has to refer the manufacturer to special operating conditions deviating from this standard! You have to provide for installation-specific reduction factors depending on the actual operating conditions. The load factors listed in the table below constitute guidelines.

Guidelines for rated load factors

Number of main circuits	Rated load factor	
	acc. to IEC 61439-2	acc. to IEC 61439-3
2 and 3	0.9	0.8
4 and 5	0.8	0.7
6 to 9 inclusive	0.7	0.6
10 and more	0.6	0.5

IEC 61439
Part 2: Power switchgear and controlgear assemblies
Part 3: Distribution boards intended to be operated by ordinary persons

What you have to observe for installation
In the case of products containing cartridge fuses, you have to follow the specifications from the associated product standards with regard to the wire cross-sections to be connected. The specified temperature resistance of the plastics used has to be observed.

Here, we recommend installing the products vertically on horizontal terminal rail systems. The rated load factors in the table are applicable for this installation position and also for components with permissible power losses. This also pertains to the environmental conditions in accordance with IEC 60439-1, section 6.1.1.1 and IEC 61439-2/3, section 7.1.1.1.

And what if the conditions deviate
In case of a deviation in the installation position and operating conditions, you have to consider all the factors influencing the maximum temperature. These include, for example:

- Power output of the cartridge fuses and the devices in operation
- Timings, full and partial load, concurrency
- Arrangement in the system, mutual interaction between the devices
- Rail cross-section, conductor cross-section
- Ambient temperature, flow conditions, ventilation and cooling through additional correction factors

Installation positions are inadmissible in which gravity works against the direction of contact movement. Clearance and creepage distances have to be measured in accordance with IEC 60664-1 (VDE 0110 Part 1). Above 12 mm, all IEC requirements are met up to 690 V AC. You also have to consider further factors, such as minimum distances to grounded parts. This particularly applies for UL applications. You also need to avoid the harmful influences of chemical substances during storage, processing and operation.

CE marking
Our products are subject to mandatory CE-marking in conjunction with Low Voltage Directive. We have affixed the CE mark on the individual packing units and partly on the products themselves. We hereby confirm to you that our products comply with the applicable regulations. We would be pleased to provide you with the relevant declarations of conformity at our company.

RoHS Directive
The restriction of lead and nine other potentially hazardous substances in electrical and electronic equipment is specified by the EU-Directive RoHS. As a value-oriented company, Weidmüller is aware of its responsibility towards customers, employees, society and the environment. It is therefore a matter of course for Weidmüller to assume its responsibility within the framework of the RoHS Directive 2011/65/EU.
www.weidmueller.com/rohs

Our tips for you

It always has to be ensured that ...

- all accessible parts are deactivated during installation and maintenance work
- connections are made with the prescribed torque, suitable fitted parts are used and parts are completely installed for touch-safe protection
- connections are checked and, if necessary, tightened after transportation
- the products are used and operated according to the intended purpose
- the technical description in the product manual and the installation instructions are observed and the documents are kept accessible for subsequent maintenance work, modifications and retrofitting
- modifications that serve for advancement and technical progress are reserved

REACH Regulation
The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.
www.weidmueller.com/reach

Mounting of terminal strips
Always a secure connection

Terminal strips are used for quick installation of cables and conductors. They are the interface from the panel to the outside world. Below, you will find some useful tips, information and binding rules to support you in mounting terminal strips.

Combinations of different terminal blocks
In case of a contour change, you have to use end plates and partition plates (WAP/TW, ZAP/TW and IAP). If terminal blocks with different rated voltages are arranged next to one another, you need end plates or partition plates (WAP/TW, ZAP/TW). Good to know: when arranging the PE terminal block next to, or between the associated feed-through terminals blocks of the same series and size, the rated voltage and the rated impulse voltage of the feed-through terminal blocks are not influenced.

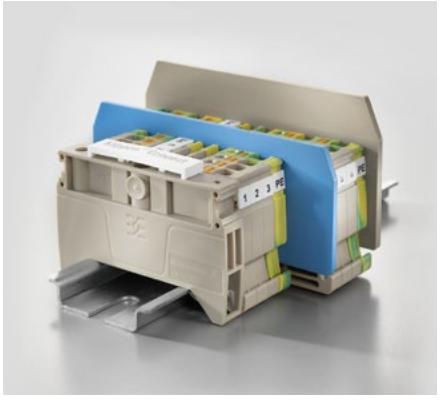
Dimensions
The dimension of the housing enclosing the terminal blocks and fastening components is specified, but without tolerances. Please consider a mounting tolerance of 0.2 mm to the specified terminal width in your project design.

Partition plate
You use a partition plate for visual separation of circuits or for electrical isolation from neighbouring cross-connectors.

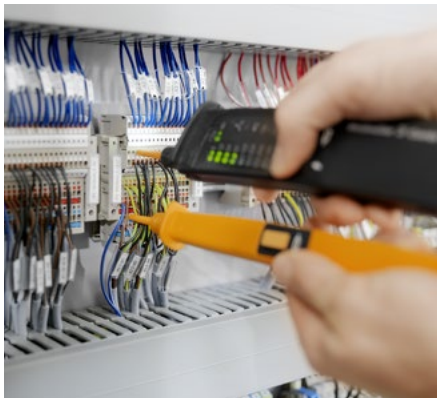
Small partition
In the case of terminal blocks, up to a terminal width of max. 12 mm, you can retroactively insert small partitions between cross-connections or sockets.

End bracket at the beginning and end of the terminal strip

Partition plates improve the overview



Troubleshooting with bipolar voltage tester incl. measurement probe according to IEC 61243-3



Compliance with the rated insulation voltage
We specify the required stripping length for all our products in mm. These lengths, e.g. 6 mm ± 0.5 mm, ≥ 10 mm ± 1 mm are absolutely binding. This is also the case if you use wire-end ferrules. IEC 60947-1 applies for the outside dimension of crimped wire-end ferrules.

Working on electrical connectors with non-insulated screwdrivers
The following five rules apply for working on electrical systems and equipment with non-insulated screwdrivers:
- Disconnect the electrical systems
- Prevent from being switched back on
- Ascertain absence of voltage
- Earth and short-circuit
- Cover or block off neighbouring parts under voltage

Please find the individual measures to be taken in consideration of the operational and local conditions, for example high voltage and low voltage lines, cables or switchgear systems, in VDE 0105 Part 100.

Unused contact points under voltage
Protect unused contact points that may be live against inadvertent touching by using suitable covers, such as ADP 1 to 4. The clamping screws of unused contact points that are not live must also be tightened.

Tightening torque range for clamping screws
The test torque according to IEC 60947-1 or the torque according to the manufacturer's specifications is the lower value of the torque range. With this, all tests are passed. The upper value of the torque range is the maximum torque that may be applied.
Preferably set the electrical torque screwdriver to the midpoint torque of the terminal torque range. We have assigned product-specific data directly to the respective products.

Tightening the clamping screw in the specified torque ranges ensures:
- Reliable and gas-tight clamping
- No mechanical destruction of the clamping yokes
- Voltage drop well below the required limit value

Our installation tips for you

- The terminal strip structure is from left to right
- Place the closed side to the left, the open side to the right
- Always close the open side of the terminal strip with end plates or separation plates (WAP/TW, ZAP/TW)
- End brackets have to be placed at the beginning and end of a terminal strip

Use of aluminium conductors
Very secure contact

Aluminium conductors have many advantages. However, various conditions must be met in order to achieve secure contact with these conductors. The specifications for the conductor connections for terminal blocks only apply for copper conductors. They do not apply to aluminium conductors.

Our promise
A defined portfolio of our WDU screw-type terminal blocks and our WPD potential distribution terminal blocks and potential distribution blocks are suitable for use with aluminum wires. With the WPD feed-in terminals, you can realize the transition from aluminium to copper in the control cabinet without any additional components or accessories. Further information can be found on our homepage:

Further information on the topic Connection of aluminum conductors: www.weidmueller.com/alu_connection

Professional processing and handling of aluminium conductors for direct connection:
In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.
Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.

Note: The current carrying capacity and respective torques for the connection of aluminum wires in the terminal blocks must always be observed. These can be found on the respective data sheet or in the online catalog.

Terminal blocks for aluminium conductors

WDU 2.5	20 A	solid 2,5 mm²	0.4 NM
WDU 4	27 A	solid 4 mm²	0.5 NM
WDU 6	35 A	solid 6 mm²	0.8 NM
WDU 10	48 A	solid 10 mm²	1.2 NM
WDU 16	50 A	solid "re"16 mm²	3.0 NM
WDU 35	60 A	solid 35 mm²	4.0 NM
WDU 50N	118 A	solid and sector-shaped 50 mm²	6.0 NM
WDU 70N	150 A	solid and sector-shaped 70 mm²	12.0 NM
WDU 120	290 A	sector-shaped 150 mm²	15.0 NM
WDU 240	415 A	solid and sector-shaped 240 mm²	30.0 NM
WPD × 01 ...	152 A	25 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	4 NM
WPD × 02 ...	202 A	35 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	16^2 = 4.0 NM 25^2 = 6.0 NM 35^2 = 8.0 NM
WPD × 03 ...	300 A	70 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	16^2 = 4.0 NM 25^2 = 6.0 NM 35^2 = 8.0 NM 50^2 = 10.0 NM 70^2 = 18.0 NM

* Further terminal blocks, with data for the aluminum connection, could be found in the chapters power supply, power distribution and building installation wiring. (WPD series)

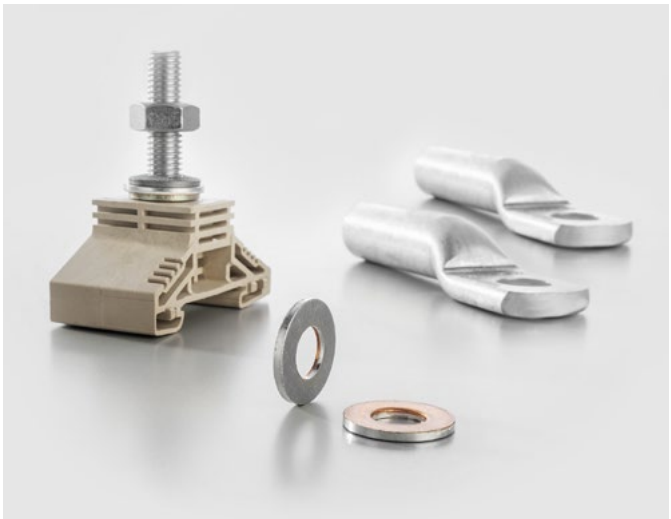
Scrape the conductor evenly on all sides.

Cover the conductor all around with neutral grease.

Direct connection in our WPD blocks with specified torque.

Aluminum conductor for indirect connection:
Indirect connection of aluminum conductors is the safest choice. This can be made possible by crimped connection elements such as Al/Cu ring cable lugs or crimp connection bolts. Nevertheless, the corresponding manufacturer's specifications must also be observed here, and the connection points must be checked according to the operating conditions. For normal ambient conditions and load cases, we recommend checking at intervals of six months. In case of unfavorable operating conditions or frequent temperature changes at the clamping points, a shorter interval may be necessary. Temperature measuring strips with storage of the maximum values can be attached in the immediate surroundings of the connection points and can be useful for an objective assessment during the regular inspections. All connection points are suitable for the connection of one conductor, unless explicitly noted otherwise.

Assembly notes for flat cable lugs:
When tightening the terminals, it is recommended to hold against the conductor to avoid deformation of the mounting rail and to keep the base of the terminal block free from torsional forces. Stranded aluminum conductors are connected to terminal blocks with the aid of an aluminum cable lug. This is selected according to its conductor shape and connected according to the cable lug manufacturer's specifications. Cupal washers are required for the transition from aluminum cable lugs to the busbar of the terminal blocks. This is the only way to ensure a safe transition from copper to aluminum. They are installed so that the copper side contacts the busbar and the aluminum side contacts the aluminum cable lug.



Relevant standards – an overview

Standards have the status of a recommendation and are not legally binding. They serve to ensure the safety of systems and represent the acknowledged state of the art. We therefore always recommend compliance with the contents – irrespective of agreements and customer requirements.

The Low Voltage Directive IEC/EN 61439

Since November 2014, IEC/EN 61439 has replaced the previously applicable standard IEC/EN 60439 for low-voltage switchgear and controlgear assemblies. It comprises seven parts:

1. General rules for low-voltage switchgear and controlgear assemblies (SCA)
2. Power switchgear and controlgear assemblies (PSC)
3. Distribution boards
4. Assemblies for construction sites
5. Cable distribution cabinets
6. Busbar distribution systems
7. Assemblies for marinas, camping sites, electric vehicles charging stations (preliminary standard)

In order to confirm compliance with IEC/EN 61439, it is important that you always refer to Part 1 and one of the following parts. The standard is addressed to every manufacturer and operator of switchgear and controlgear assemblies (SCA) up to 1,000 V AC and 1,500 V DC. Irrespective of whether you assemble the SCA stationary or mobile, with or without enclosure system.

The low-voltage switchgear standard IEC/EN 60947-1

This standard applies for industrial low-voltage switchgear assemblies used in circuits up to 1,000 V AC or 1,500 V DC. It defines the general rules and requirements for low-voltage switchgear assemblies. This includes, for example, the definition, characteristic features, information to be supplied, normal conditions for operation, installation and transport as well as requirements for the construction and verification of characteristic features and behaviour.

Interaction between the standards

IEC/EN 61439 for switchgear and controlgear assemblies

With the withdrawal of the previous version on 23 September 2014, the DIN EN 61439: 20 0-06 standard for "Low-voltage switchgear and controlgear assemblies" – Part 1: General rules became binding for the switchgear and controlgear assemblies defined. This standard includes a series of changes that you have to consider as a switchgear manufacturer. However, these changes have no direct influence on the components, such as terminal blocks, which have to comply with the relevant product standard.

The importance of DIN EN 61439 for components

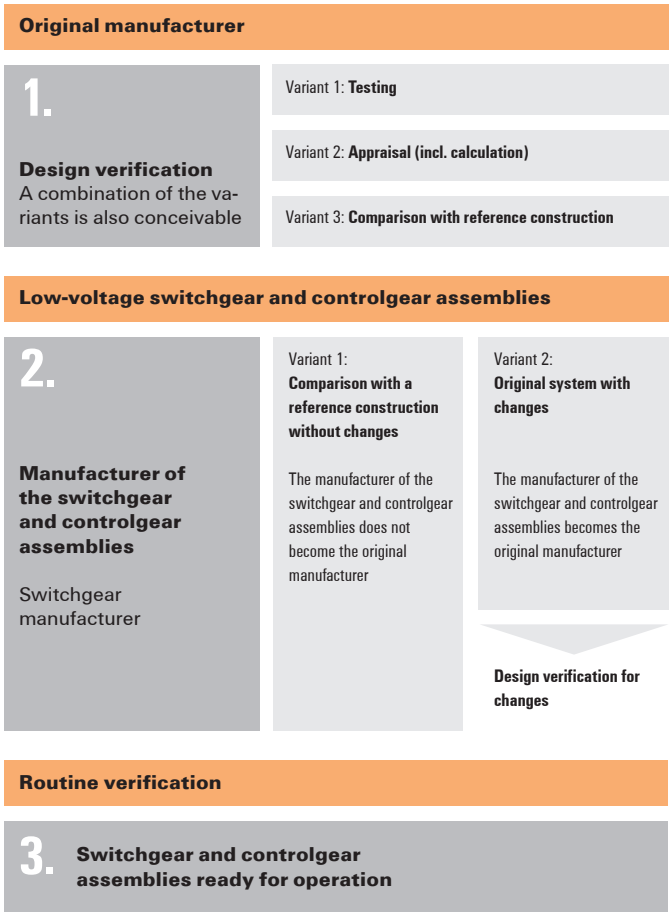
Components that meet the requirements of the applicable product standard are suitable for direct use in switchgear systems. They must, however, take the definitions of standard series DIN EN 61439 into consideration.

The properties required from DIN EN 61439-1 are covered by the product standard for terminal blocks EN 60947-7-1(2, 3). As an aid for the required design verification for switchgear and controlgear assemblies, the following table provides you with further information on terminal blocks. Additional design verification is not required for individual items of equipment or components.

Summarised

- IEC/EN 61439 is a new series of standards for the construction of switchgear and controlgear systems
- With the design verification, you as the manufacturer provide evidence for the suitability of the system
- You still confirm conformity with the standard by signing the EC Declaration of Conformity

Low-voltage switchgear and controlgear assembly



Guidelines for the construction of a switchgear and controlgear assemblies in accordance with the standard

C

Checklist design verification according to IEC/EN 61439

Design verification for terminal blocks and their accessories

Nr.	Characteristics to be proved	Section	Adaptability for terminal blocks
1	Strength of material and parts:	10.2	
	• Corrosion resistance	10.2.2	The requirements refer exclusively to cabinets for switchgear.
	properties of insulation material:	10.2.3	Terminal blocks are designated for the installation in appropriate cabinets.
	• Thermal stability	10.2.3.1	
	• Resilience to extreme heat and fire due to internal electrical effects	10.2.3.2	The requirements refer exclusively to parts of the switchgear and controlgear assembly. Inserted components like terminal blocks are not affected.
	• Resistance to UV radiation	10.2.4	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Lifting	10.2.5	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Impact test	10.2.6	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Marking	10.2.7	Terminal blocks bear the inscriptions, like it is determined in section 5 of the product standard.
2	Degree of protection and enclosures	10.3	Terminal blocks are designated for the installation in cabinets, thus not relevant
3	Clearances	10.4	The required clearances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).
4	Creepage distances	10.4	The required creepage distances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).
5	• Protection against electric shock and integrity of protective circuits	10.5	Covered by the type test for modular PE conductor terminals according to EN 60947-7-2. The quality and consistency of the PE conductor connection has to be verified by resistance
	• Effective continuity between the exposed conductive parts of the assembly and the protective circuit	10.5.2	measurement at the end use.
	• Short-circuit withstand strength of the protective circuit	10.5.3	Not relevant, has to be judged in the end use. PE conductor terminals are subjected to a test of short-time withstand current in the context of the type test according to EN 60947-7-2.
6	Installation of equipment	10.6	Installation and tight fit of terminal blocks is secured by the requirements and relevant tests according to the product standard.
7	Internal circuits and connections	10.7	Not relevant, has to be judged in the end use for terminal blocks.
8	Connections for conductors inserted from outside	10.8	Secured by selection of the terminal block as well as its type test according to EN 60947-7-1(2). The final assessment has to be made in the end use.
9	Insulation properties:	10.9	Tests to the insulation properties are part of the dimensioning of type tested terminal blocks
	• Operating frequency dielectric strength	10.9.2	according to EN 60947-7-1(2).
	• Surge voltage strength	10.9.3	The verification for the switchgear and controlgear assembly takes place in the end use for the terminal blocks.
10	Temperature rise limits	10.10	The rated values for terminal blocks according to EN 60947-1(2 ,3) can be used for the dimensioning of the temperature rise limits. The verification has to be provided for the respective application, e.g. by measurement or calculation. The calculation of the terminal block's power dissipation can take place in the application by means of the electrical resistance as a function of current: $P_{loss} = R_{max} * I^2$

Following maximum resistances per electrical potential according to EN 60947-7-1(2, 3) subject to the cross section for the terminal block are permitted:

Cross section/mm²	1.5	2.5	4	6	10	16	25	35
Electrical resistance/mΩ	1.83	1.33	1.00	0.78	0.56	0.42	0.32	0.26

Cross section/mm²	50	70	95	120	150	185	240	300
Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06

11	Short-circuit withstand strength	10.11	**For cross sections up to 35 mm²** In sectors after current-limiting (5ms) protections devices <100 A (fort Icp <10 kA) At an unaffected short-circuit current of the grid Icp <=10 kA (in front of the switchgear), a forward current ID with maximum 17 kA will arise with an upstream protection device. According to the section 10.11.2 of EN 61439-1, the switchgear manufacturer does not have to provide evidence in this case. This requirement is fulfilled by protection devices up to 100 A equipment (application of up to 35 mm² terminal blocks). **For cross sections from 50 mm²** In sectors after current-limiting (5 ms) protection devices <=630 A (Icp >10 kA) At an unaffected short-circuit current of the grid Icp >10 kA (in front of the switchgear), a forward current ID will flow of up to the period of 5 ms with an upstream protection device. The switchgear manufacturer has to provide evidence for the maximum forward current ID by declaration of the terminal block's Ipk (surge current strength, which the terminal block is able to conduct without being destroyed).
12	Electromagnetic compatibility	10.12	Not relevant, because terminal blocks are seen as passive components according to the product standard EN 60947-7-1(2, 3).
13	Mechanical operation	10.13	Not relevant

Technical requirements from the standards

Rated cross-section
The rated cross-section of a terminal block is the value of the connectable wire cross-section, as specified by the manufacturer. This serves as a reference for certain thermal, mechanical and electrical requirements. The rated cross-section is selected from the following standard cross-sections: 0.2 – 0.5 – 0.75 – 1.0 – 1.5 – 2.5 – 4.0 – 6.0 – 10 – 16 – 25 – 35 – 50 – 70 – 95 – 120 – 150 – 240 – 300 mm^2.

Terminal blocks have a rated connection capacity that is at least two levels lower than the rated cross-section. The conductors can be solid, stranded or flexible, possibly with conductor end pretreatment. The verification of the rated cross-section is performed with gauges according to IEC 60947-1.

Rated current IEC 60947-7-1
Test currents are assigned to the rated cross-sections according to IEC 60947-7-1. These rated currents cause no impermissible heat transfer to the terminal:

mm^2	1.5	2.5	4.0	6.0
A	17.5	24	32	41

mm^2	10	16	25	35
A	57	76	101	125

mm^2	50	70	95	120
A	150	192	232	269

mm^2	150	185	240	300
A	309	353	415	520

Conventional free-air thermal current (Ith)
The conventional thermal current in free air (Ith) is the highest test current for heating tests of unenclosed devices (see 4.3.2.1 of IEC 60947-1.) This applies exclusively to terminal blocks with multiple connection levels (multi-tier terminals) and to test-disconnect terminal blocks for which current reduction is permissible.

Rated voltage IEC 60947-7-1
The rated voltage of a terminal block is the rated insulation voltage to which the insulation tests and creepage distances relate. It is determined analogously to IEC 60664-1.

Rated impulse withstand voltage IEC 60947-7-1
Rated impulse withstand voltage is the peak value of a surge voltage with which the terminal blocks can be subjected. The clearance distances in IEC 60947-1 and IEC 60664-1 are related to it.

Pollution severity IEC 60947-7-1
The pollution severity defines the influence of solid, liquid or gaseous foreign matter, which may reduce the dielectric strength or the specific surface resistance. Pollution severity 3 has been specified for terminal blocks for industrial applications: conductive contamination occurs on dry, non-conductive contamination which becomes conductive as moisture condensation may also occur. The minimum air clearance measurement is defined in IEC 60947-7-1 in conjunction with the rated surge voltage.

Operating conditions
The terminal blocks can be operated under the following normal conditions:
- Ambient temperature –5 °C to +40 °C, mean value 24 h +35 °C
- Altitude up to 2000 m above sea level
- Relative humidity: 50 % at +40 °C, 90 % at +20 °C

Principles for the use of terminal blocks in Ex-areas

Harsh industrial environments and explosive risk zones, such as in the oil and gas industry, make extreme demands on safety, robustness and quality of products and devices. Numerous standards describe what has to be considered in Ex environments. They serve as the basis for extensive approvals.

Explosion protection
Worldwide, explosion protection is essentially based on the international IEC 60079 series of standards, European and American norms, standards, and directives. In the USA, the National Electrical Code (NEC) and in Canada the Canadian Electrical Code (CEC) form the basis.
For the CENELEC countries of the European Community and beyond, Directive 2014/34/EU is of central importance for manufacturers of equipment and protective systems. The worldwide requirements are confirmed by certification according to IECEx. Thus, the application is approved in the type of protection „Increased Safety“ Ex e in Zone 1 and 2.

Terminal blocks in the Ex environment
According to EN IEC 60079-0, Ex terminal blocks are so-called Ex components. By definition, these are components that are required for the safe operation of devices and protective systems, but without performing an autonomous function themselves. They are approved for the type of protection equipment increased safety „e“ and are not marked with the CE mark according to the European ATEX directives 2014/34/ EU.

Accessories
The accessories you can use is listed in the Ex-certificates. To adhere to the creepage and clearance distances for Ex e, use terminations and partition plates. Terminal blocks for intrinsically-safe circuits “i” are passive components. Therefore, for use in intrinsically-safe circuits, you do not need a type examination certificate. We recommend blue terminals for clear identification and easy recognition. These, as well as the accessories, have to comply with the type according to EN 60079-11.

Issue of type examination certificate
Notified bodies issue EU type examination certificates in accordance with EN IEC 60079-0; EN IEC 60079-7 and the ATEX Directive. By issuing the Production Quality Assurance Notification, a notified body confirms that the requirements of the ATEX Directive according to Annexes IV and VII are met.

Requirements for terminal blocks for type of protection increased safety Ex eb
The type of protection Increased Safety "Ex eb" (IEC/EN 60079-7) is based on the principle of more stringent design measures.
The elementary points for terminal blocks are:
- Increased requirements for self-heating compared to industry standard
- Compliance of clearance and creepage distances (eb)
- The terminal block must be inserted or protected in such a way that the connection can neither become loose nor be damaged inadmissibly by the clamping point

The above points and the technical data are tested by an independent testing institute (DEKRA, PTB, TÜV...) and certified by the certificate.

The following tests must be verified by the type examination or serve as a basic requirement for an IEC Ex application:
- Type testing according to IEC 60947-7-1/-2/-3
- Verification and documentation of clearance and creepage distances
- Ageing test:
  - 14 days storage at 95 °C and 95 % humidity
  - Further 14 days at dry heat Level of the TI value of the insulating material
  - 24 hours cold storage at -65 °C (for PA66) with subsequent conductor pull-out test

Depending on the type of protection, the terminal blocks are approved for increased safety „eb" or „ec" and thus for installation in Zone 1 or Zone 2. This applies provided that the terminal blocks are installed in a terminal box.
Terminal boxes must also have the ignition protection type device protection for increased safety Ex e and must at least correspond to protection type IP54.
The installation instructions must be taken into account in the application.

Ex eb

Principles for the use of terminal blocks in Ex-areas

Requirements for terminal blocks for type of protection Equipment protection Intrinsic safety Ex i

For applications with type of protection equipment intrinsic safety Ex i, no separate approval is required for terminal blocks. In addition to the Ex e approved terminal blocks, other standard terminal blocks can also be used, whereby the following more stringent spacing requirements apply in the Ex i area:

- Between conductor entries adjacent terminals
- Between conductor entries and grounded metal parts
- Increased requirements for clearances due to solid insulation

Requirements for terminal blocks for type of protection Ex ec

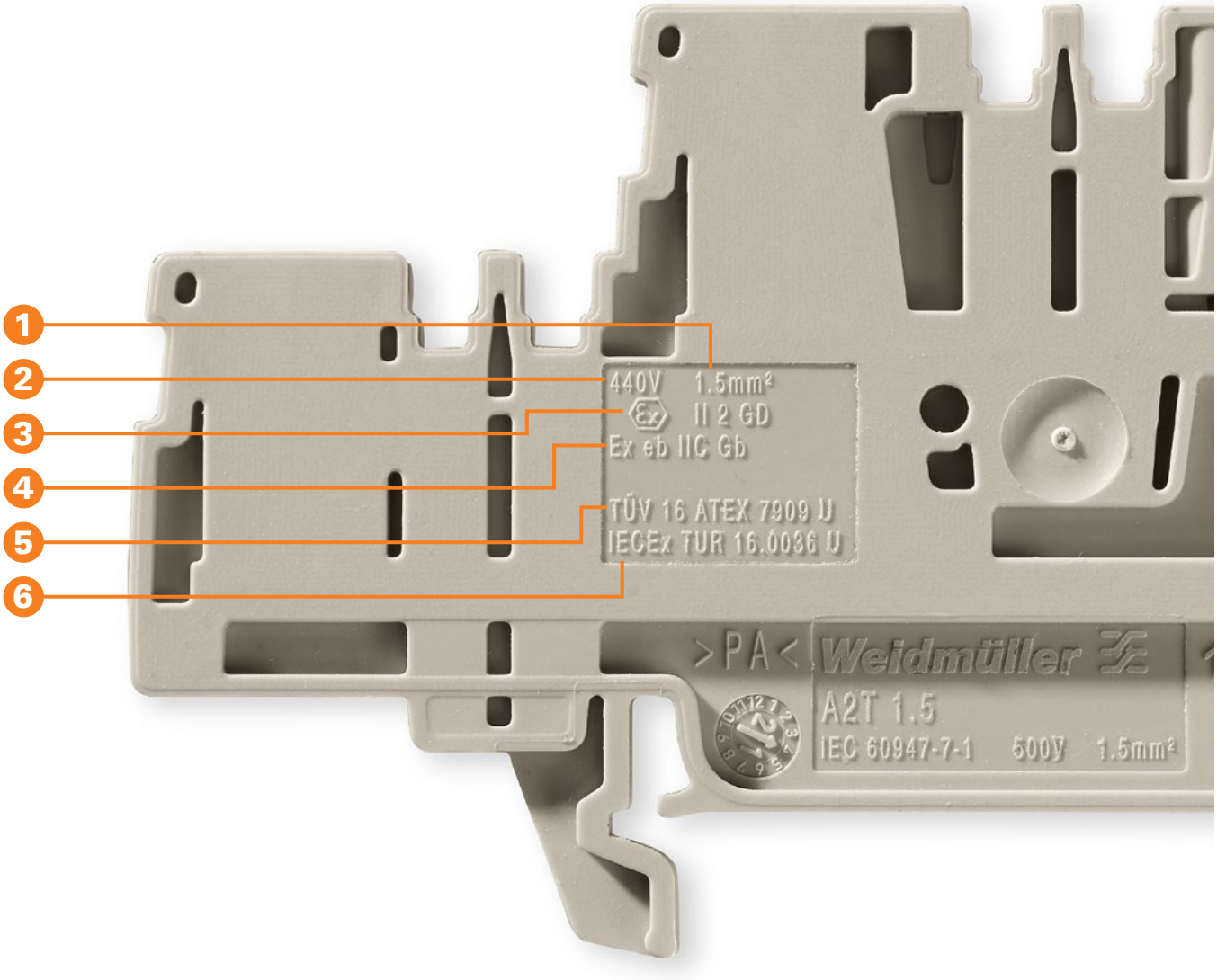
When test disconnect terminal blocks or fuse terminal blocks are used, they must have approval for the type of protection for equipment protection increased safety Ex ec. In this case, increased requirements apply to the terminal blocks and their functional units. For example, all disconnectable elements must have a release force greater than 15 N or 100 times their own weight to prevent unintentional opening.

Further approvals and guidelines for the explosion protected areas

Other national and international approvals and directives are based on the IECEx approval. For example, ATEX for the European market, CCC Ex for the Chinese market, KC for the South Korean market or EAC Ex for the Eurasian Economic Union, which includes Russia, Belarus, Kazakhstan, Kyrgyzstan and Armenia.

Labeling of terminal blocks in Ex areas
The explosion-protected equipment must be marked in such a way that it is used correctly according to its safety-related properties. For terminal blocks of the type of protection increased safety „e“ there is a marking obligation. This marking of the equipment is laid down in IEC/EN 60079 Part 0 and Part 7. The exemplary marking of a terminal block can be seen in the following illustrations.

1. **Rated cross section**
2. **Rated voltage**
3. **ATEX label**
4. **Type of protection label**
5. **ATEX certificate number**
6. **IECEx certificate number**



C

Environmental Product Compliance & Declaration of Conformity

When selecting and procuring materials, we apply the highest quality standards and adhere to international standards and regulations. In this way, Weidmüller, as a value-oriented company, fulfills its responsibility as an environmentally conscious company.

Quality management systems DIN EN ISO 9001
In order to always deliver first-class products, the highest level of quality assurance is essential for us. Starting with the quality management of our products based on ISO 9000 ff. through to permanent monitoring by independent institutes who monitor our production facilities, as well as quality management and our in-house laboratory. You therefore benefit from maximum reliability and durability!

RoHS
The restriction of lead and nine other potentially hazardous substances in electrical and electronic equipment is specified by the EU-DirectiveRoHS. As a value-oriented company, Weidmüller assumes its responsibility within the framework of the RoHS Directive 2011/65/EU.

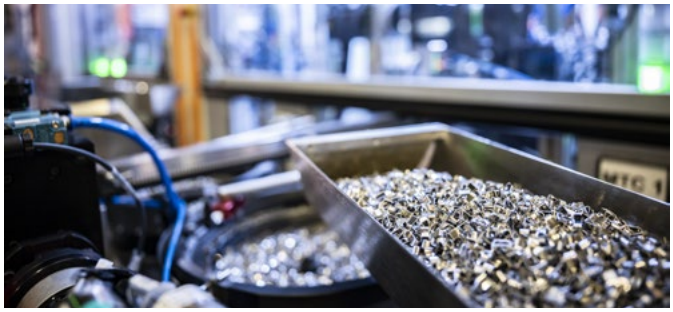
China RoHS
Under the auspices of the Chinese Ministry MIIT, the new China RoHS Directive (SJ/T 11364-2014) was published on January 21, 2016. Weidmüller products are also partly subject to this directive. The new directive came into force on July 1, 2016 and is largely analogous to the EU RoHS Directive.

REACH
The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.

WEEE
The sale, return and proper disposal of waste electrical and disposal of waste electrical and electronic equipment within the European the European currency area is governed by the WEEE Directive (Waste of Electrical and Electronic Equipment) 2012/19/EU. It is the aim of this directive to contribute to sustainable development in the long term.

Metals

The metals we use are selected and processed with their surfaces treated according to the latest technical knowledge. In addition, our welding area is certified in accordance with DIN EN ISO 3834-3 for fusion welding of metal-based materials.



Steels
Steel ensures mechanical stability for all our connection systems. In order to permanently maintain the contact force, the steel parts are electrogalvanised and provided with additional passivation by means of a chromate layer. The advantage of surface protection with zinc lies in the high corrosion protection effect. It is also effective for a long time, even after the zinc coating has been partially damaged by scratches or pores. Furthermore, in the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel. This protects the underlying material from attack.

Conductive substances
The current-carrying materials copper, brass and bronze are characterised by high conductivity plus good mechanical properties. The surfaces are usually coated with tin. Besides corrosion protection, this ensures high contactability, which leads to low contact resistance. Solder connections also have a tin layer. In order to guarantee long-term solderability, an additional nickel coating is applied to the brass parts as a diffusion barrier. The nickel coating provides effective protection against outward diffusion of zinc atoms from the brass.

Insulating materials

Insulating materials made of duroplasts such as gemin (KrG) and epoxy resin (EP), but also ceramics, exhibit increased dimensional stability. They are used in products for special industries with harsh environmental conditions and increased safety requirements. These include, for example, an increased continuous operating temperature, inherent flame protection, high fire resistance or also high chemical stability.

Properties Ceramic and Duroplasts

		Ceramic	Duroplasts	
Properties		**Ceramic**	**Gemin KrG**	**Epoxy resin (EP)**
Volume resistance acc. to IEC 60093	Ω x cm	-	10^{11}	10^{14}
Dielectric strength acc. to IEC 60243-1	kV/mm	> 10	10	160
Tracking resistance (A) acc. to IEC 60112	CTI	≥ 600	≥ 600	≥ 600
Upper max. permissible limit temperature	°C	250	130	160
Lower max. permissible limit temperature (static)	°C	-60	-60	-60
Flammability acc. to UL 94		V-0 (5 V-B)	V-0 (5 V-A)	V-0

Ceramic

Ceramic

Ceramic is an excellent material for electronics because it meets all requirements. Ceramic is heat resistant, water repellent, spark resistant and certified against leakage current. Thanks to its high mechanical strength, low loss factor and high heat resistance, the material has a high chemical stability and is favoured because of its minimal wear.

- Top continuous operating temperature
- High fire resistance
- Liquid-repellent
- High tracking resistance
- Inherent flame protection

Duroplasts

Duroplasts have high dimensional stability, low water absorption, extremely good tracking resistance and outstanding fire resistance. The continuous operating temperature is higher than that of thermoplastics. The deformation resistance of the duroplasts under elevated thermal load is better than for thermoplastics. A disadvantage compared with thermoplastics is the low flexibility of duroplasts.

Gemin KrG
KrG is a flame-retardant duroplast with high dimensional stability and extremely good tracking resistance.
Compared with thermoplastics, KrG absorbs only a very small amount of water from the air. This property makes it suitable for use of the terminal blocks in offshore installations or shipbuilding.

- High constant operating temperature
- High fire resistance
- High tracking resistance
- Inherent flame protection
- Halogen-free flame retardant material

Epoxy resin (EP)
Epoxy resin has extremely good tracking resistance and is also heat resistant. The special feature of the epoxy resin is its resistance to nuclear radiation. This property makes the terminal blocks suitable for use in nuclear power plants.

- Very good electrical properties
- Very high constant operating temperature
- Resistant against high-energy radiation
- Halogen and phosphorous-free flame retardant

Insulating materials

Insulating materials made of thermoplastics such as polyamide (PA) or polycarbonate (PC) are easy to process. Terminal blocks consisting of an insulating material such as polyamide or polycarbonate are used in almost every industry. They have high strength and rigidity, excellent impact strength and good abrasion and wear resistance.

Properties Thermoplastics

Thermoplastics

Properties		Wemid	Polyamid (PAGF)	Polycarbonat (PC)
Volume resistance acc. to IEC 60093	Ω x cm	10^{12}	10^{12}	10^{16}
Dielectric strength acc. to IEC 60243-1	kV/mm	25	30	≥ 30
Tracking resistance (A) acc. to IEC 60112	CTI	600	500	≥ 175
Upper max. permissible limit temperature	°C	130	100	115 / 125
Lower max. permissible limit temperature (static)	°C	-60	-50	-50
Flammability acc. to UL 94		V-0	HB	V-2 / V-0

Thermoplastics

Wemid

Wemid is a modified thermoplastic which has properties tailored to meet the requirements of our line connectors. Advantages over PA are the improved fire protection and the higher continuous operating temperature. Wemid meets the strict requirements for use in railway vehicles acc. to NF F 16-101.

- Higher continuous operating temperature
- Improved fire resistance
- Halogen- and phosphorous-free flame retardant
- Low smoke produced in the event of fire
- Permitted for use in railway applications acc. to NF F 16-101

Polyamide (PAGF)
Glass-fibre reinforced polyamide (PAGF) offers outstanding dimensional stability and very good mechanical properties. This makes a difference when used as an end bracket. As compared to non-reinforced PA, this material has flammability rating HB according to UL 94.

- Excellent dimensional stability
- Very good mechanical characteristics
- Halogen-free flame retardant material

Polycarbonate (PC)
Polycarbonate (PC) offers excellent dimensional stability and extremely good mechanical properties. Compared to polyamides, polycarbonate has a higher specific resistance. These properties are particularly suitable for large terminal blocks or terminal blocks with closely spaced potentials.

- High dimensional stability
- High continuous operating temperature
- High electrical insulation properties
- Halogen-free flame retardant material

Service and support

Service and support	Service connects – worldwide	V.2
	Engineering services and customised products	V.3
	Support Center	V.4
	Additional support services	V.5
	easyConnect – Your Industrial Service Platform	V.6
	Digital Engineering: Digital planning with Weidmüller product data, interfaces and software solutions	V.8
	Connectivity Consulting: A long-term increase in efficiency through partnership-based exchange	V.9
	Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering	V.10
	Your digital ordering options at Weidmüller	V.12

Our expertise for your requirements
Service connects – worldwide

Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity.

Our personal support answers all questions reliably and expertly. During planning, installation or operation our service and support offer is your best companion.

In short: Weidmüller's global service combines our expertise with your requirements.

Your way to our service
www.weidmueller.com/service

Engineering services and customised products

Automation engineering and connectivity consulting belongs to our services as well as assembly of engineered products. We also support the process from the idea to the product with our Weidmüller Configurator and the Configure-to-Order process.

Consulting and engineering
The challenge for you is reducing costs and increasing efficiency. This requires intelligent, individual solutions. Whether it is modified products, pre-fitted mounting rails or complete small cabinets – our application centres provide a highly qualified custom-made engineering and production service.

Connectivity Consulting
Increase your competitiveness - supported by our experts
Our drive is to optimise your competitiveness. That's why our team of experts supports you in significantly increasing your efficiency in electrical machine design and control cabinet construction. With proven products and services from the Weidmüller portfolio – and with the experience gained from over 300 projects worldwide.

Klippon® Assembly Service – Assembled terminal rails and enclosures supplied ready for installation
The Klippon® Assembly Service supplies fully assembled terminal rails and enclosures that can be installed directly in the cabinet or on the machine. It therefore simplifies planning, accelerates production processes, reduces work steps and ensures the reliable delivery of individually assembled products.

Fast Delivery Service - Your ideas deserve a quick realisation
Obtain offers 24/7 and within minutes, including directly orderable article numbers with our Fast Delivery Service. The Weidmüller Configurator (WMC) for planning and configuration is key for consistent processes. Dispatch your orders in 5 days. Assemble individual terminal strips and enclosures from batch size 1!

Expand the possibilities of our products

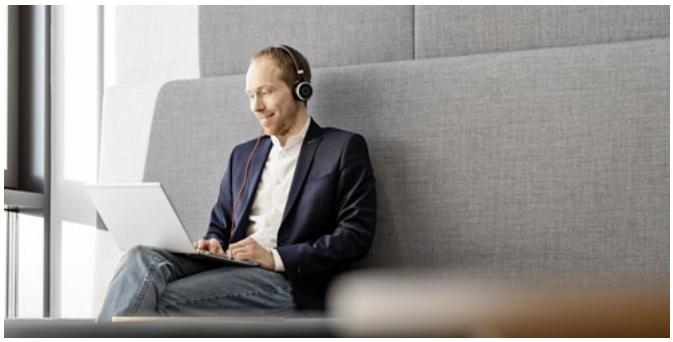
Our Support Center - the answer is just a click away

Receive fast and intuitive support to get the most out of our products in your application. In our new Support Center you can search or navigate to the many application notes, product information, video tutorials or software downloads of our products. It is also possible to create a technical Service Request in the Support Center and check the current status at any time. Use our AI chatbot for u-mation and u-software products and get immediate answers to your questions at any time.

- **Support Center –** the answer is just a click away
- **Everything at a glance –** One central support hub, where all relevant information is available
- **Powerful search –** Provides filter functions for various types of information and products
- **Navigation through product hierarchy –** Navigation to specific products through our product hierarchy
- **More than 40,000 downloads –** Application notes, video tutorials, templates and examples, user documentation, engineering data, ...
- **Personal contact –** Direct access to your personal technical contact in your country
- **Quick help via Service Request –** Create a service request to get quick technical help and check the current status and the solution provided

Explore the world of our new Support Center
support.weidmueller.com

Additional support services

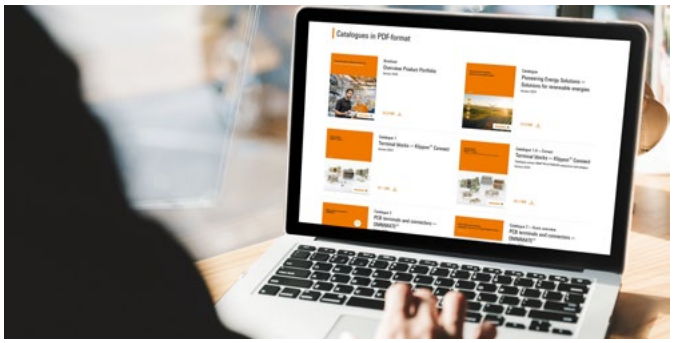


Training and Webinars
Stay tuned in a world that is accelerating. In our entertaining interactive webinars, we offer you the opportunity to learn about new products and technology topics and to interact with our experts.

Repairs and replacement parts
We offer repair and components for our Workplace Solutions as well as assistance for other Weidmüller products. Find out how our experts can help you with your repair request.

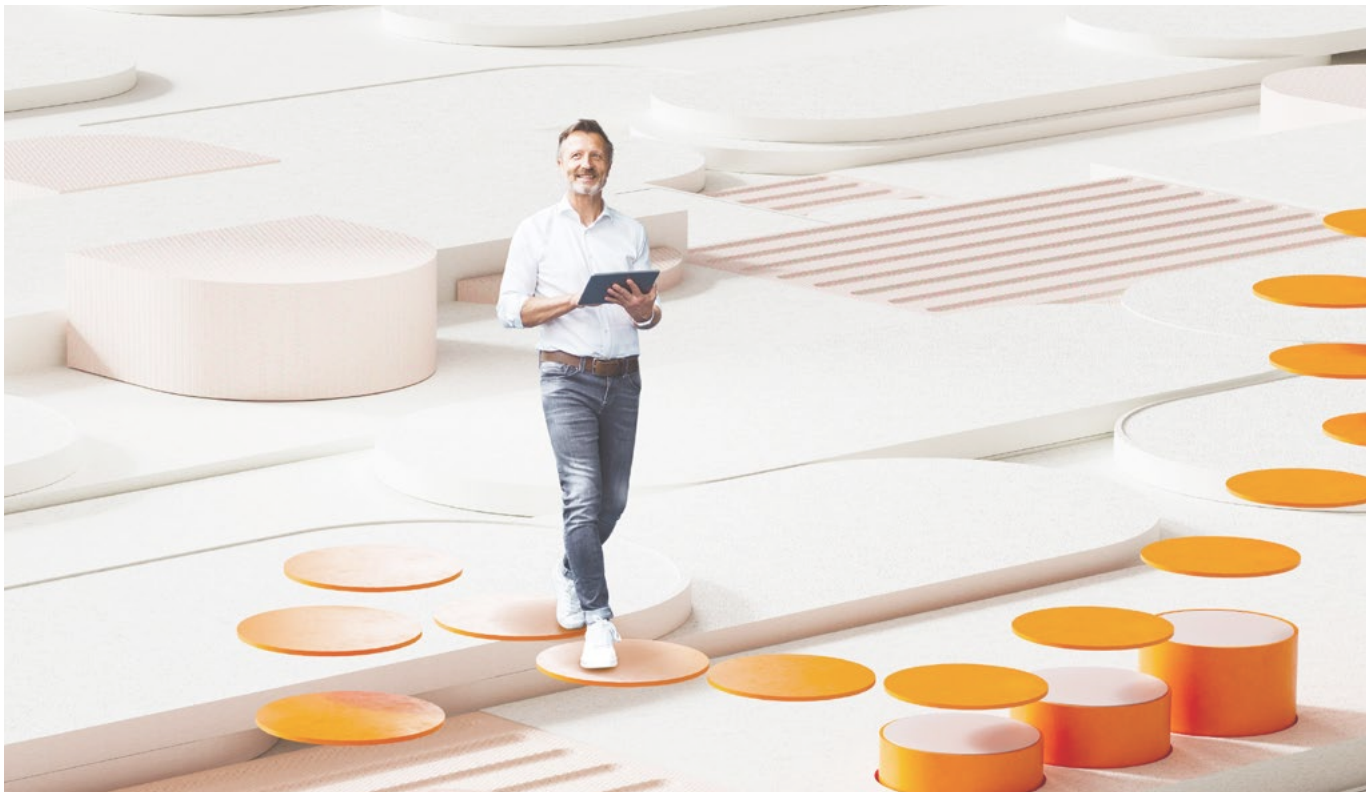
Security advisory board
Our Product Security Incident Response Team (PSIRT) continuously informs you about possible security-related vulnerabilities of our products.

Product change notifications
Technical modifications of our products always available online.



Technical product catalogues
Technical data for our entire program in Industrial Connectivity for download in PDF-format.

Your ticket to the world of digital service
easyConnect – Your Industrial Service Platform



Our cloud-based platform is your ticket to the world of digital services from Weidmüller, and the intuitive and future-proof tool for your way to the Industrial IoT. Realise your use cases easily, consistently and without any relevant prior knowledge, thanks to the perfect interaction of platform, devices and diverse software services.

As an open, modular and perfectly integrable system, the platform is your enabler for a wide range of use cases. Increase your efficiency and unleash your full innovation potential with easyConnect.

Interested in using easyConnect?
Learn how to get started with easyConnect step-by-step.
www.weidmueller.com/easyconnect

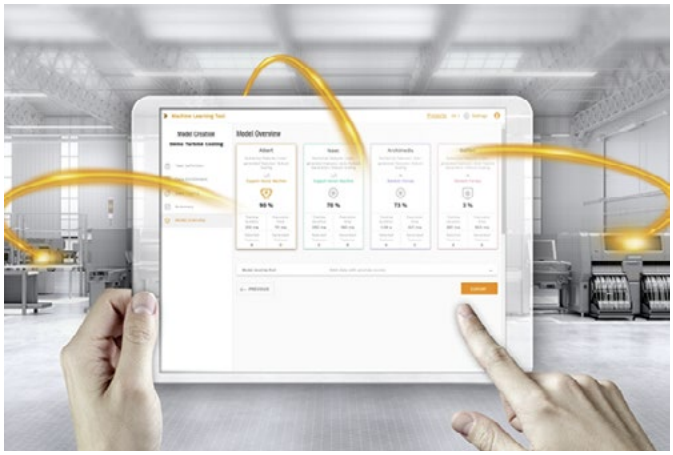
Why should you use easyConnect?

- You want to enter your digital transformation step-by-step?
- You want to make the step into Industrial IOT, but have no or little IT expertise?
- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
- You want to improve your service offering and efficiency, e.g. through remote access?
- You feel Weidmüller's digital services are interesting, but you have „your cloud" already?

Weidmüller comes up with the solution: easyConnect, the new digitalisation platform. It bundles Weidmüller's digital services at one place in the cloud and connects them with various Weidmüller devices.

With easyConnect you start digitalising your application step-by-step without ballast in a secure way.

The following services are initially available on easyConnect:



Device management
Adding and managing cloud-connected devices is typically the first step in any Industrial IoT use case.

Asset management
The asset management service is a modelling tool that allows users to model their assets and processes and link them to relevant time series data.

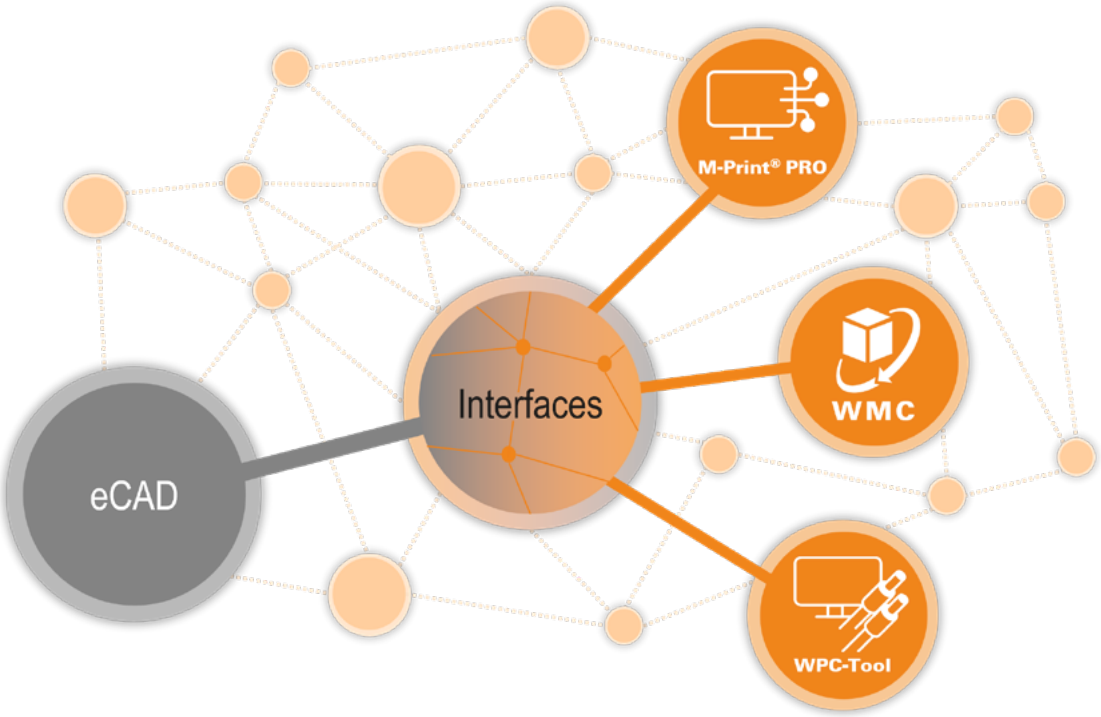
Remote access (u-link)
u-link guarantees a quick and secure access to machines and plants while also allowing for efficient management.

Data visualisation
easyConnect data visualisation services enable users to view, monitor and display live and historical data.

AutoML
With Weidmüller Industrial AutoML, you can optimize operations, increase product quality and develop new business models by benefiting from advanced analytics.

Digital Engineering

Digital planning with Weidmüller product data, interfaces and software solutions



You want to be optimally supported in all steps of the electrical design process, from planning to production? Weidmüller offers you support as best as possible!

Your advantages:

- **Processes are digitized, time is saved and sources of errors are eliminated** – With Weidmüller software solutions for terminal strip and housing configuration (WMC), component marking (M-Print® PRO) and cable assembly (WPC-Tool), you are perfectly prepared for all project phases in electrical design and control cabinet construction.
- **Potential sources of error are eliminated and your productivity is increased** – High-performance interfaces enable a complete data consistency from the planning to the commissioning process.
- **A simple, safe and fast design process** – Weidmüller provides digital product data for a variety of engineering systems. The data is always compliant with the latest system provider standard.

Find out more about digital engineering
www.weidmueller.com/digital_engineering

Connectivity Consulting

Counteracting the shortage of skilled workers with Connectivity Consulting

Are you looking for innovative, sustainable and value-adding solutions for your individual requirements? Weidmüller offers you support with experienced experts for products, solutions and services in the industrial environment of energy, signals and data!

Your advantages:

- **Increasing efficiency and quality in cabinet building –** Weidmüller offers you customized solutions to make your cabinet building fit for purpose. From design optimization and process automation to digital planning and commissioning. Every single work step offers opportunities for optimization.
- **Benefit from the practical experience of the experts –** Weidmüller's connectivity consulting experts have acquired practical specialist knowledge in many international projects.
- **Support in the implementation process –** From analysis to implementation: Our experts support you with all measures.

Find out more about Connectivity Consulting
www.weidmueller.com/connectivity-consulting

Boost Your Efficiency from Engineering to Production

Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering

Digital engineering can be so easy – with the Weidmüller Configurator!
Discover the Weidmüller Configurator (WMC) – your free software solution that guides you through the entire value chain, all the way to production.

With access to nearly 14,000 digital products, the WMC provides an extensive range for configuring terminal strips, processed empty enclosures, and ready-to-connect terminal boxes. This includes over 10,500 products for terminal strip configurations, approximately 2,200 products for terminal box configurations, and around 1,200 products for configuring our heavy-duty connectors.

Your Benefits with the Well-Known WMC:

- **Seamless Engineering** – Import your circuit diagrams and terminal strips effortlessly with a single click directly from your engineering system into the WMC. Our interfaces enable continuous data flows, saving you valuable time, minimizing errors, and ensuring smooth project execution.
- **Optimized Production** – The WMC supports you on the shop floor, helping you assemble the required configurations yourself. Especially in times of skilled labor shortages, the WMC makes your production more efficient. With its user-friendly interface, 3D and touch functions, it eases the workload for your employees.

All information about the software can be found here:
www.weidmueller.com/wmc

New Online Configurator – Experience the Future of Digital Engineering

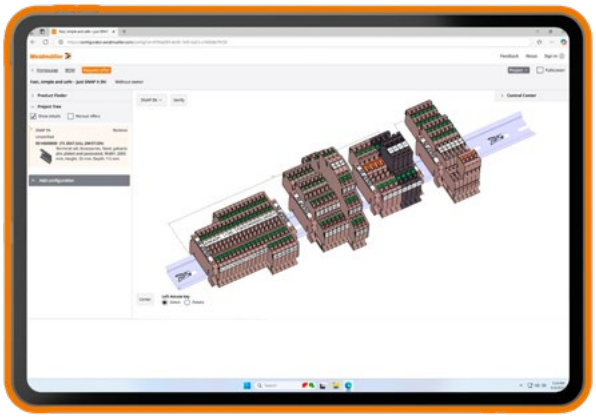
Configure. Share. Access anywhere.

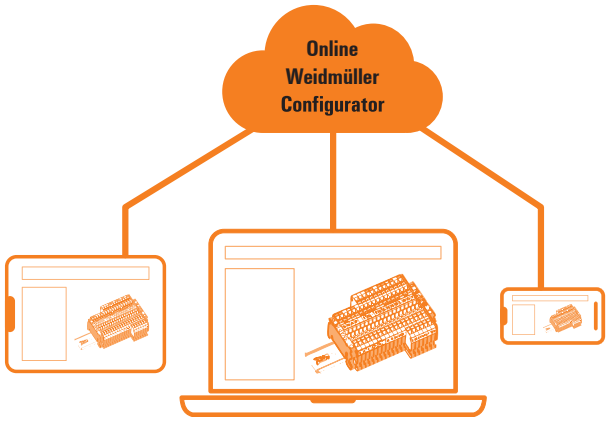
Online Weidmüller Configurator
From November 2025

Online & Ready to Go: No installation required – use the Online Configurator directly in your browser. Access it flexibly from any device, whether PC or tablet, in the office or on the go. Your production will have a read-only view mode to ensure the security and consistency of your configurations.

Intelligent Optimization with a single Click: Reduce the width of your terminal strip with just one click – no product knowledge needed. Easily switch connection technologies, for example, from screw to PUSH IN or even to our innovative SNAP IN technology. Or take it a step further and transform your configured rail directly for labeling with the Klippon® Automated RailLaser.

Easy Transition – Seamlessly Integrated: Thanks to the integrated cloud upload function, you can transfer your existing terminal strip configurations from the WMC with just one click.





Start online now!
Configure anywhere, anytime and online.
configurator.weidmueller.com

Fast Delivery with Both Configurators:

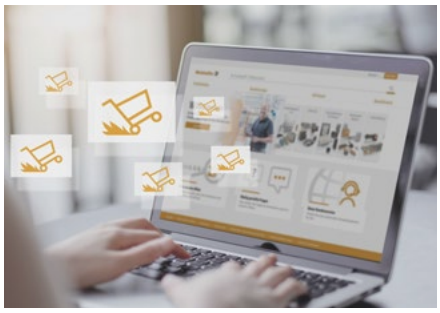
Whether you use the WMC or the Online Configurator – individually configured mounting rails (and enclosures in the WMC) can be directly transferred to the "Fast Delivery Service." You will receive ready-to-install solutions in the shortest possible time. This combines maximum customization with minimal delivery time, allowing you to benefit from fast and reliable delivery.

Digital ordering options
Your digital ordering options at Weidmüller

Find and easily select the products you need, with convenient ordering: as your Partner in Industrial Connectivity, we know what counts in purchasing. That is why we offer you a variety of options for ordering products from us and optimising your purchasing processes to meet your individual requirements and your workflow. The choice is yours.

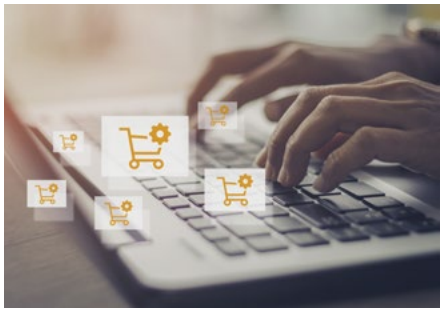
Order via the Weidmüller eShop

Our eShop offers you access to the complete Weidmüller product range around the clock – directly from a PC, tablet, or smartphone. The intuitive user guidance supports you as you select from over 50,000 products. Technical data, prices, and availabilities are available at any time. The shopping basket with check out function lets you place an order in seconds. Convenient additional functions like CSV upload, order history, reports, or custom order templates make your ordering processes even more efficient.



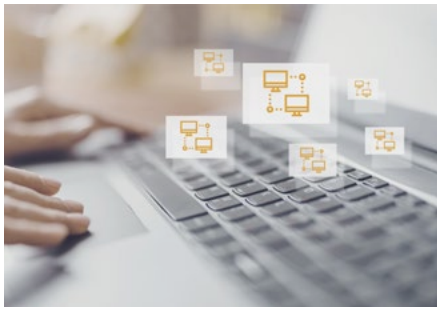
Order via the OCI interface

The Open Catalogue Interface (OCI) facilitates the exchange of data between your enterprise resource planning system and our eShop. This means that our eShop is integrated into your system via an OCI interface, so you have access to our complete product catalogue from your enterprise resource planning system. You can filter and select products, place them in your shopping basket and place direct orders without changing your software application. The open OCI standard is supported worldwide from a variety of software providers.



Order via the EDI interface

Our Electronic Data Interchange (EDI) also offers you the option of ordering our products directly from your enterprise resource planning system. All order data is transmitted automatically to our system and processed immediately. Orders, order confirmations, invoices, and delivery notices are transmitted lightning fast. This helps you make your purchasing processes even more efficient.



We will be glad to advise you on which solutions are suitable for you and how implementation is possible.
Get in touch with us
www.weidmueller.com/digital-order

Index

Index	Index Type	X.2
	Index Order No.	X.28

Type	Order No.	Page
1		
1170-21-15A	1278810000	A.247
A		
A2C 1.5	1552790000	A.58
A2C 1.5	1552790000	A.163
A2C 1.5	1552790000	A.176
A2C 1.5 BK	2508170000	A.176
A2C 1.5 BL	1552820000	A.58
A2C 1.5 BL	1552820000	A.176
A2C 1.5 BR	2508200000	A.176
A2C 1.5 DBL	2508180000	A.176
A2C 1.5 GN	2508210000	A.176
A2C 1.5 LTGY	2508220000	A.176
A2C 1.5 OR	1552830000	A.176
A2C 1.5 PE	1552680000	A.92
A2C 1.5 PE	1552680000	A.163
A2C 1.5 RD	2508020000	A.176
A2C 1.5 WT	2508160000	A.176
A2C 1.5 YL	2508190000	A.176
A2C 10	2490360000	A.65
A2C 10 BL	2490370000	A.65
A2C 10 FE WT	2734170000	B.273
A2C 10 FE WT	2734170000	B.275
A2C 10 PE	2490440000	A.97
A2C 150/185	2728700000	A.74
A2C 150/185	2728700000	B.20
A2C 150/185 BL	2728710000	A.74
A2C 150/185 BL	2728710000	B.20
A2C 150/185 BL-DM	2728780000	A.75
A2C 150/185 BL-DM	2728780000	B.21
A2C 150/185 FE	2728720000	B.20
A2C 150/185 FE	2728720000	B.285
A2C 150/185 FE-DM	2728790000	B.21
A2C 150/185-DM	2728770000	A.75
A2C 150/185-DM	2728770000	B.21
A2C 16	2494000000	A.66
A2C 16 BL	2494100000	A.66
A2C 16 PE	2494010000	A.97
A2C 2.5	1521850000	A.59
A2C 2.5	1521850000	A.160
A2C 2.5	1521850000	A.163
A2C 2.5	1521850000	A.176
A2C 2.5 /DT/FS	1989900000	A.106
A2C 2.5 /DT/FS	1989900000	A.114
A2C 2.5 /DT/FS	1989900000	A.163
A2C 2.5 /DT/FS BL	1989910000	A.114
A2C 2.5 BK	1521980000	A.176
A2C 2.5 BL	1521880000	A.59
A2C 2.5 BL	1521880000	A.160
A2C 2.5 BL	1521880000	A.176
A2C 2.5 BR	2508030000	A.176
A2C 2.5 DBL	2508000000	A.176
A2C 2.5 DL	2674690000	A.160
A2C 2.5 FE WT	2690460000	B.273
A2C 2.5 FE WT	2690460000	B.274
A2C 2.5 GN	1521950000	A.176
A2C 2.5 LTGY	2003110000	A.176
A2C 2.5 OR	1521930000	A.176
A2C 2.5 PE	1521680000	A.93
A2C 2.5 PE	1521680000	A.163
A2C 2.5 PE/DT/FS	1989890000	A.106
A2C 2.5 PE/DT/FS	1989890000	A.114
A2C 2.5 PE/DT/FS	1989890000	A.163
A2C 2.5 RD	1521900000	A.176
A2C 2.5 VT	2876640000	A.176
A2C 2.5 WT	1521970000	A.176
A2C 2.5 YL	1521940000	A.176
A2C 35	2551510000	A.72
A2C 35	2551510000	B.8
A2C 35 3FT	2552100000	B.10
A2C 35 3FT DM	2552170000	B.11
A2C 35 3FT-FE	2552110000	B.10
A2C 35 3FT-FE DM	2552180000	B.11
A2C 35 3FT-N	2552130000	B.10
A2C 35 3FT-N DM	2552190000	B.11
A2C 35 3FT-N-FE	2552140000	B.10
A2C 35 3FT-N-FE DM	2552200000	B.11
A2C 35 3FT-N-PE	2551540000	B.11
A2C 35 3FT-PE	2552120000	B.11
A2C 35 BL	2552090000	A.72
A2C 35 BL	2552090000	B.8
A2C 35 BL DM	2552150000	A.72
A2C 35 BL DM	2552150000	B.9
A2C 35 DM	2551550000	A.72
A2C 35 DM	2551550000	B.9
A2C 35 FE	2551530000	B.8
A2C 35 FE	2551530000	B.282
A2C 35 FE DM	2552160000	B.9
A2C 35 FE DM	2552160000	B.282
A2C 35 PE	2551520000	A.101
A2C 35 PE	2551520000	B.9
A2C 4	2051180000	A.60
A2C 4	2051180000	A.163
A2C 4	2051180000	A.176
A2C 4 BK	2051310000	A.176
A2C 4 BL	2051210000	A.60
A2C 4 BL	2051210000	A.176
A2C 4 BR	2534370000	A.176
A2C 4 DBL	2534380000	A.176
A2C 4 FE WT	2734150000	B.273
A2C 4 FE WT	2734150000	B.275
A2C 4 GN	2051260000	A.176
A2C 4 LTGY	2051330000	A.176
A2C 4 OR	2051230000	A.176
A2C 4 PE	2051360000	A.94
A2C 4 PE	2051360000	A.163
A2C 4 RD	2051220000	A.176
A2C 4 WT	2051290000	A.176
A2C 4 YL	2051250000	A.176
A2C 50/70	2663250000	A.73
A2C 50/70	2663250000	B.16
A2C 50/70 3FT	2663320000	B.22
A2C 50/70 3FT-DM	2663390000	B.23
A2C 50/70 3FT-FE	2663310000	B.22
A2C 50/70 3FT-FE-DM	2663380000	B.23
A2C 50/70 3FT-N	2663300000	B.22
A2C 50/70 3FT-N-DM	2663370000	B.23
A2C 50/70 3FT-N-FE	2663290000	B.22
A2C 50/70 3FT-N-FE-DM	2663360000	B.23
A2C 50/70 BL	2663260000	A.73
A2C 50/70 BL	2663260000	B.16
A2C 50/70 BL-DM	2663340000	A.73
A2C 50/70 BL-DM	2663340000	B.17
A2C 50/70 FE	2663270000	B.16
A2C 50/70 FE	2663270000	B.283
A2C 50/70 FE-DM	2663350000	B.17
A2C 50/70 FE-DM	2663350000	B.283
A2C 50/70 PE	2663280000	A.101
A2C 50/70 PE	2663280000	B.17
A2C 50/70-DM	2663330000	A.73
A2C 50/70-DM	2663330000	B.17
A2C 6	1992110000	A.62
A2C 6	1992110000	A.163
A2C 6	1992110000	A.176
A2C 6 BL	1991790000	A.62
A2C 6 BL	1991790000	A.176
A2C 6 FE WT	2734160000	B.273
A2C 6 FE WT	2734160000	B.275
A2C 6 OR	1991800000	A.176
A2C 6 PE	1991810000	A.95
A2C 6 PE	1991810000	A.163
A2C 95/120	2694060000	A.73
A2C 95/120	2694060000	B.18
A2C 95/120 3FT	2694140000	B.22
A2C 95/120 3FT-DM	2694230000	B.23
A2C 95/120 3FT-FE	2694130000	B.22
A2C 95/120 3FT-FE-DM	2694220000	B.23
A2C 95/120 3FT-N	2694120000	B.22
A2C 95/120 3FT-N-DM	2694200000	B.23
A2C 95/120 3FT-N-FE	2694100000	B.22
A2C 95/120 3FT-N-FE-DM	2694180000	B.23
A2C 95/120 BL	2694070000	A.73
A2C 95/120 BL	2694070000	B.18
A2C 95/120 BL-DM	2694160000	A.74
A2C 95/120 BL-DM	2694160000	B.19
A2C 95/120 FE	2694080000	B.18
A2C 95/120 FE	2694080000	B.284
A2C 95/120 FE-DM	2694170000	B.19
A2C 95/120 FE-DM	2694170000	B.284
A2C 95/120 PE	2694090000	A.102
A2C 95/120 PE	2694090000	B.19
A2C 95/120-DM	2694150000	A.74
A2C 95/120-DM	2694150000	B.19
A2T 1.5	2469370000	A.76
A2T 1.5	2469370000	A.163
A2T 1.5 BL	2471430000	A.76
A2T 1.5 FT-PE	2469390000	A.77
A2T 1.5 KNX RD-BK	2652200000	B.207
A2T 1.5 KNX WT-YL	2652210000	B.207
A2T 1.5 PE	2469410000	A.102
A2T 1.5 PE	2469410000	A.163
A2T 1.5 VL	2469400000	A.76
A2T 1.5 VL BL	2471450000	A.76
A2T 2.5	1547610000	A.78
A2T 2.5	1547610000	A.163
A2T 2.5 3C	2531290000	A.80
A2T 2.5 3C BL	2531510000	A.80
A2T 2.5 3C FT-PE	2531300000	A.81
A2T 2.5 3C N-FT	2736830000	A.81
A2T 2.5 3C N-PE	2623550000	A.81
A2T 2.5 3C PE	2531320000	A.104
A2T 2.5 3C VL	2531310000	A.80
A2T 2.5 3C VL BL	2531530000	A.80
A2T 2.5 BL	1547620000	A.78
A2T 2.5 DT/DT	2744110000	A.120
A2T 2.5 DT/DT BL	2744120000	A.120
A2T 2.5 DT/FT	2744130000	A.120
A2T 2.5 DT/FT BL	2744140000	A.120
A2T 2.5 EM1 24VUC LED RD/1	2704410000	A.150
A2T 2.5 EM1 D/0	2704330000	A.146
A2T 2.5 EM1 D/1	2704370000	A.148
A2T 2.5 EM1 D/2	2704380000	A.148
A2T 2.5 EM1 D3/1	2820630000	A.148
A2T 2.5 EM1 D3/2	2820640000	A.148
A2T 2.5 EM1 R 1K8	3030590000	A.150
A2T 2.5 EM1 R 22K	3030610000	A.150
A2T 2.5 EM1 R 2K7	3030600000	A.150
A2T 2.5 EM2 D/0	2704360000	A.146
A2T 2.5 EM2 D/5	2704390000	A.149
A2T 2.5 EM2 D/6	2704400000	A.149
A2T 2.5 EM3 D/0	2704340000	A.147
A2T 2.5 FT-PE	1547640000	A.79
A2T 2.5 N-FT	2723370000	A.79
A2T 2.5 PE	1547680000	A.103
A2T 2.5 PE	1547680000	A.163
A2T 2.5 SNAPMARK	2581250000	A.78
A2T 2.5 SNAPMARK BL	2581280000	A.78
A2T 2.5 VL	1547650000	A.79
A2T 2.5 VL BL	1547660000	A.79
A2T 4	2539970000	A.82
A2T 4 BL	2540040000	A.82
A2T 4 DT-FT	2831520000	A.110
A2T 4 DT-FT	2831520000	A.111
A2T 4 DT-FT	2831520000	A.121
A2T 4 DT-FT W/O DTLV	2831540000	A.121
A2T 4 DT-FT-PE	2831530000	A.110
A2T 4 DT-FT-PE	2831530000	A.111
A2T 4 DT-FT-PE	2831530000	A.121
A2T 4 DT-FT-PE W/O DTLV	2831550000	A.121
A2T 4 FS-FT	2831500000	A.110
A2T 4 FS-FT 10-36V BK	2816970000	A.111
A2T 4 FS-FT 100-250V BK	2817000000	A.111
A2T 4 FS-FT 30-70V BK	2816980000	A.111
A2T 4 FS-FT 60-150V BK	2816990000	A.111
A2T 4 FS-FT BK	2816960000	A.111
A2T 4 FS-FT-PE	2831510000	A.110
A2T 4 FS-FT-PE 10-36V BK	2817020000	A.111
A2T 4 FS-FT-PE 100-250V BK	2817050000	A.111
A2T 4 FS-FT-PE 30-70V BK	2817030000	A.111
A2T 4 FS-FT-PE 60-150V BK	2817040000	A.111
A2T 4 FS-FT-PE BK	2817010000	A.111
A2T 4 FT-PE	2539980000	A.83
A2T 4 N-FT	2724450000	A.83
A2T 4 PE	2539990000	A.104
A2T 4 VL	2540020000	A.82
A2T 4 VL BL	2540030000	A.82
A3C 1.5	1552740000	A.58
A3C 1.5	1552740000	A.163
A3C 1.5	1552740000	A.176
A3C 1.5 BK	2534230000	A.176
A3C 1.5 BL	1552770000	A.58
A3C 1.5 BL	1552770000	A.176
A3C 1.5 BR	2534530000	A.176
A3C 1.5 DBL	2534540000	A.176
A3C 1.5 GN	2534480000	A.176
A3C 1.5 LTGY	2534490000	A.176
A3C 1.5 OR	1552780000	A.176
A3C 1.5 PE	1552670000	A.92
A3C 1.5 PE	1552670000	A.163
A3C 1.5 RD	2534500000	A.176
A3C 1.5 WT	2534510000	A.176
A3C 1.5 YL	2534520000	A.176
A3C 10	2490520000	A.65
A3C 10 BL	2490510000	A.65
A3C 10 PE	2490590000	A.97
A3C 16	2494090000	A.66
A3C 16 BL	2494080000	A.66
A3C 16 PE	2494020000	A.98
A3C 2.5	1521740000	A.59
A3C 2.5	1521740000	A.106
A3C 2.5	1521740000	A.163
A3C 2.5	1521740000	A.176
A3C 2.5 BK	1521920000	A.176
A3C 2.5 BL	1521780000	A.59
A3C 2.5 BL	1521780000	A.176
A3C 2.5 BR	2534730000	A.176
A3C 2.5 DBL	2534690000	A.176
A3C 2.5 GN	1521870000	A.176
A3C 2.5 LTGY	2003120000	A.176
A3C 2.5 OR	1521830000	A.176
A3C 2.5 PE	1521670000	A.93
A3C 2.5 PE	1521670000	A.106
A3C 2.5 PE	1521670000	A.163
A3C 2.5 RD	1521800000	A.176
A3C 2.5 WT	1521890000	A.176
A3C 2.5 YL	1521840000	A.176
A3C 4	2051240000	A.40
A3C 4	2051240000	A.61
A3C 4	2051240000	A.107
A3C 4	2051240000	A.108
A3C 4	2051240000	A.109
A3C 4	2051240000	A.163
A3C 4	2051240000	A.176
A3C 4 BK	2051400000	A.176
A3C 4 BL	2051280000	A.61
A3C 4 BL	2051280000	A.176
A3C 4 BR	2534290000	A.176
A3C 4 DBL	2534360000	A.176
A3C 4 GN	2051350000	A.176
A3C 4 LTGY	2051460000	A.176
A3C 4 OR	2051320000	A.176
A3C 4 PE	2051410000	A.40
A3C 4 PE	2051410000	A.95
A3C 4 PE	2051410000	A.107
A3C 4 PE	2051410000	A.108
A3C 4 PE	2051410000	A.109
A3C 4 PE	2051410000	A.163
A3C 4 RD	2051300000	A.176
A3C 4 WT	2051370000	A.176
A3C 4 YL	2051340000	A.176
A3C 6	1991820000	A.62
A3C 6	1991820000	A.163
A3C 6	1991820000	A.176
A3C 6 BL	1991830000	A.62
A3C 6 BL	1991830000	A.176
A3C 6 OR	1991840000	A.176
A3C 6 PE	1991850000	A.96
A3C 6 PE	1991850000	A.163
A3T 1.5	2816930000	A.86
A3T 1.5 BL	2816940000	A.86
A3T 1.5 FT-FT-PE	2817990000	A.87
A3T 1.5 PE	2818000000	A.105
A3T 1.5 VL	2817980000	A.86
A3T 2.5	2428510000	A.88
A3T 2.5 BL	2428520000	A.88
A3T 2.5 FT-FT-PE	2428530000	A.89
A3T 2.5 N-FT-PE	2428840000	A.89
A3T 2.5 PE	2428550000	A.105
A3T 2.5 VL	2428540000	A.88
A3T 2.5 VL BL	2428850000	A.88
A4C 1.5	1552690000	A.59
A4C 1.5	1552690000	A.163
A4C 1.5	1552690000	A.176
A4C 1.5 BK	2534260000	A.176
A4C 1.5 BL	1552700000	A.59
A4C 1.5 BL	1552700000	A.176
A4C 1.5 BR	2534460000	A.176
A4C 1.5 DBL	2534470000	A.176
A4C 1.5 GN	2534410000	A.176
A4C 1.5 LTGY	2534420000	A.176
A4C 1.5 OR	1552720000	A.176
A4C 1.5 PE	1552660000	A.93
A4C 1.5 PE	1552660000	A.163
A4C 1.5 RD	2534430000	A.176
A4C 1.5 WT	2534440000	A.176
A4C 1.5 YL	2534450000	A.176
A4C 2.5	1521690000	A.60
A4C 2.5	1521690000	A.163
A4C 2.5	1521690000	A.176
A4C 2.5 BK	1521820000	A.176
A4C 2.5 BL	1521700000	A.60
A4C 2.5 BL	1521700000	A.176
A4C 2.5 BR	2534750000	A.176
A4C 2.5 DBL	2534740000	A.176
A4C 2.5 FE	2904720000	B.280
A4C 2.5 FE WT	2690470000	B.273
A4C 2.5 FE WT	2690470000	B.274
A4C 2.5 GN	1521770000	A.176
A4C 2.5 LTGY	2003130000	A.176
A4C 2.5 OR	1521720000	A.176
A4C 2.5 PE	1521540000	A.94
A4C 2.5 PE	1521540000	A.163
A4C 2.5 RD	1521710000	A.176
A4C 2.5 VT	3103560000	A.176
A4C 2.5 WT	1521790000	A.176
A4C 2.5 YL	1521730000	A.176
A4C 4	2051500000	A.61
A4C 4	2051500000	A.163
A4C 4	2051500000	A.176
A4C 4 BK	2051660000	A.176
A4C 4 BL	2051520000	A.61
A4C 4 BL	2051520000	A.176
A4C 4 BR	2534390000	A.176
A4C 4 DBL	2534400000	A.176
A4C 4 GN	2051580000	A.176
A4C 4 LTGY	2051670000	A.176
A4C 4 OR	2051540000	A.176
A4C 4 PE	2051560000	A.95
A4C 4 PE	2051560000	A.163
A4C 4 RD	2051530000	A.176
A4C 4 WT	2051610000	A.176
A4C 4 YL	2051550000	A.176
A4C 6	2881450000	A.63
A4C 6 BL	2881460000	A.63
A4C 6 FE	2881480000	B.281
A4C 6 PE	2881490000	A.96
AAC 35 2X6	2583090000	A.72
AAC 35 2X6	2583090000	B.8
AAC 35 2X6	2583090000	B.9
AAC 35 2X6	2583090000	B.10
AAC 35 2X6	2583090000	B.11
AAC 35 2X6	2583090000	B.12
AAC 35 2X6 BK-YL	2583190000	A.72
AAC 35 2X6 BK-YL	2583190000	B.8
AAC 35 2X6 BK-YL	2583190000	B.9
AAC 35 2X6 BK-YL	2583190000	B.10
AAC 35 2X6 BK-YL	2583190000	B.11
AAC 35 2X6 BK-YL	2583190000	B.12
AAC 35 2X6 BL	2583170000	A.72
AAC 35 2X6 BL	2583170000	B.8
AAC 35 2X6 BL	2583170000	B.9
AAC 35 2X6 BL	2583170000	B.10
AAC 35 2X6 BL	2583170000	B.11

Type	Order No.	Page
AAC 35 2X6 BL	2583170000	B.12
AAC 35 2X6 GN-YL	2583180000	A.72
AAC 35 2X6 GN-YL	2583180000	A.101
AAC 35 2X6 GN-YL	2583180000	B.8
AAC 35 2X6 GN-YL	2583180000	B.9
AAC 35 2X6 GN-YL	2583180000	B.10
AAC 35 2X6 GN-YL	2583180000	B.11
AAC 35 2X6 GN-YL	2583180000	B.12
AAC 50-185 2X10	2663420000	A.73
AAC 50-185 2X10	2663420000	A.74
AAC 50-185 2X10	2663420000	A.75
AAC 50-185 2X10	2663420000	B.16
AAC 50-185 2X10	2663420000	B.17
AAC 50-185 2X10	2663420000	B.18
AAC 50-185 2X10	2663420000	B.19
AAC 50-185 2X10	2663420000	B.20
AAC 50-185 2X10	2663420000	B.21
AAC 50-185 2X10	2663420000	B.22
AAC 50-185 2X10	2663420000	B.23
AAC 50-185 2X10	2663420000	B.24
AAC 50-185 2X10 BK-YL	2663450000	A.73
AAC 50-185 2X10 BK-YL	2663450000	A.74
AAC 50-185 2X10 BK-YL	2663450000	A.75
AAC 50-185 2X10 BK-YL	2663450000	B.16
AAC 50-185 2X10 BK-YL	2663450000	B.17
AAC 50-185 2X10 BK-YL	2663450000	B.18
AAC 50-185 2X10 BK-YL	2663450000	B.19
AAC 50-185 2X10 BK-YL	2663450000	B.20
AAC 50-185 2X10 BK-YL	2663450000	B.21
AAC 50-185 2X10 BK-YL	2663450000	B.22
AAC 50-185 2X10 BK-YL	2663450000	B.23
AAC 50-185 2X10 BK-YL	2663450000	B.24
AAC 50-185 2X10 BL	2663430000	A.73
AAC 50-185 2X10 BL	2663430000	A.74
AAC 50-185 2X10 BL	2663430000	A.75
AAC 50-185 2X10 BL	2663430000	B.16
AAC 50-185 2X10 BL	2663430000	B.17
AAC 50-185 2X10 BL	2663430000	B.18
AAC 50-185 2X10 BL	2663430000	B.19
AAC 50-185 2X10 BL	2663430000	B.20
AAC 50-185 2X10 BL	2663430000	B.21
AAC 50-185 2X10 BL	2663430000	B.22
AAC 50-185 2X10 BL	2663430000	B.23
AAC 50-185 2X10 BL	2663430000	B.24
AAC 50-185 2X10 GN-YL	2663440000	A.73
AAC 50-185 2X10 GN-YL	2663440000	A.74
AAC 50-185 2X10 GN-YL	2663440000	A.75
AAC 50-185 2X10 GN-YL	2663440000	A.101
AAC 50-185 2X10 GN-YL	2663440000	A.102
AAC 50-185 2X10 GN-YL	2663440000	B.16
AAC 50-185 2X10 GN-YL	2663440000	B.17
AAC 50-185 2X10 GN-YL	2663440000	B.18
AAC 50-185 2X10 GN-YL	2663440000	B.19
AAC 50-185 2X10 GN-YL	2663440000	B.20
AAC 50-185 2X10 GN-YL	2663440000	B.21
AAC 50-185 2X10 GN-YL	2663440000	B.22
AAC 50-185 2X10 GN-YL	2663440000	B.23
AAC 50-185 2X10 GN-YL	2663440000	B.24
AAM 1.5 YE FLASH	2635520000	A.174
AAM 10 YE FLASH	2635580000	A.174
AAM 16 YE FLASH	2635590000	A.174
AAM 2.5 YE FLASH	2635550000	A.174
AAM 35-185 YE FLASH	2635600000	A.72
AAM 35-185 YE FLASH	2635600000	A.73
AAM 35-185 YE FLASH	2635600000	A.74
AAM 35-185 YE FLASH	2635600000	A.75
AAM 35-185 YE FLASH	2635600000	A.101
AAM 35-185 YE FLASH	2635600000	A.102
AAM 35-185 YE FLASH	2635600000	B.8
AAM 35-185 YE FLASH	2635600000	B.9
AAM 35-185 YE FLASH	2635600000	B.10
AAM 35-185 YE FLASH	2635600000	B.11
AAM 35-185 YE FLASH	2635600000	B.12
AAM 35-185 YE FLASH	2635600000	B.16
AAM 35-185 YE FLASH	2635600000	B.17
AAM 35-185 YE FLASH	2635600000	B.18
AAM 35-185 YE FLASH	2635600000	B.19
AAM 35-185 YE FLASH	2635600000	B.20
AAM 35-185 YE FLASH	2635600000	B.21
AAM 35-185 YE FLASH	2635600000	B.22
AAM 35-185 YE FLASH	2635600000	B.23
AAM 35-185 YE FLASH	2635600000	B.24
AAM 35-185 YE FLASH	2635600000	B.282
AAM 35-185 YE FLASH	2635600000	B.283
AAM 35-185 YE FLASH	2635600000	B.284
AAM 35-185 YE FLASH	2635600000	B.285
AAM 4 YE FLASH	2635560000	A.174
AAM 6 YE FLASH	2635570000	A.174
AAP11 1.5 LI BL	1988170000	B.105
AAP11 1.5 LI BL/OR	2522870000	B.105
AAP11 1.5 LI GN/OR	2614100000	B.105
AAP11 1.5 LI OR	2503910000	B.105
AAP11 1.5 LI RD	1988160000	B.105
AAP11 1.5 LI WT	2683440000	B.105
AAP11 6 FE	1988140000	B.104
AAP11 6 LO BL	1988130000	B.104
AAP11 6 LO BL/OR	2522720000	B.104
AAP11 6 LO GN/OR	2718300000	B.104
AAP11 6 LO OR	2503650000	B.104
AAP11 6 LO RD	1989780000	B.104
AAP11 6 LO WT	2683430000	B.104
AAP11 6/6X1.5 LO-LI BL	2464750000	B.105
AAP11 6/6X1.5 LO-LI BL/OR	2522830000	B.105
AAP11 6/6X1.5 LO-LI OR	2503870000	B.105
AAP11 6/6X1.5 LO-LI RD	2464690000	B.105
AAP11 6/6X1.5 LO-LI WT	2712960000	B.105
AAP11 6/6X1.5 PE-LI	2464740000	B.105
AAP12 10 FE	1988200000	B.110
AAP12 10 LO BL	1988180000	B.110
AAP12 10 LO BL/OR	2522860000	B.110
AAP12 10 LO GN/OR	2619410000	B.110
AAP12 10 LO OR	2503900000	B.110
AAP12 10 LO RD	1988190000	B.110
AAP12 10 LO WT	2683450000	B.110
AAP12 10/4X2.5 LO-LI BL	2464720000	B.111
AAP12 10/4X2.5 LO-LI BL/OR	2522850000	B.111
AAP12 10/4X2.5 LO-LI OR	2503890000	B.111
AAP12 10/4X2.5 LO-LI RD	2464730000	B.111
AAP12 10/4X2.5 LO-LI WT	2712970000	B.111
AAP12 10/4X2.5 PE-LI	2464710000	B.111
AAP12 2.5 LI BL/OR	2522840000	B.111
AAP12 2.5 LI BL	1988100000	B.111
AAP12 2.5 LI GN/OR	2614110000	B.111
AAP12 2.5 LI OR	2503880000	B.111
AAP12 2.5 LI RD	1988290000	B.111
AAP12 2.5 LI WT	2683460000	B.111
AAP13 1.5 LI-LI	1988280000	B.107
AAP13 1.5 LI-LI OR	2623920000	B.107
AAP13 6 FE-LO	1988270000	B.106
AAP13 6 LO-LO	1988260000	B.106
AAP13 6 LO-LO OR	2623910000	B.107
AAP14 10 FE-LO	1988240000	B.112
AAP14 10 LO-LO	1988250000	B.112
AAP14 2.5 LI-LI	1988230000	B.113
AAP21 10 FE	2428920000	B.116
AAP21 10 LO BL	2428940000	B.116
AAP21 10 LO BL/OR	2581800000	B.117
AAP21 10 LO OR	2581690000	B.116
AAP21 10 LO RD	2428910000	B.116
AAP21 4 DT	2428980000	B.118
AAP21 4 DT BL/OR	2582520000	B.118
AAP21 4 DT OR	2581710000	B.118
AAP21 4 FS	2428950000	B.118
AAP21 4 FS 10-36V	2458990000	B.118
AAP21 4 FS 100-250V	2460180000	B.118
AAP21 4 FS 100-250V OR	2581790000	B.118
AAP21 4 FS 30-70V	2460200000	B.118
AAP21 4 FS 60-150V	2460190000	B.118
AAP21 4 FS OR	2581720000	B.118
AAP21 4 LI BL	2428960000	B.117
AAP21 4 LI BL/OR	2582530000	B.117
AAP21 4 LI OR	2581700000	B.117
AAP21 4 LI RD	2428930000	B.117
AAP22 10 FE-LO	2429000000	B.120
AAP22 10 LO-LO	2428990000	B.120
AAP22 4 LI-FS	2429010000	B.121
AAP22 4 LI-FS 10-36V	2459010000	B.121
AAP22 4 LI-FS 100-250V	2460120000	B.121
AAP22 4 LI-FS 30-70V	2460140000	B.121
AAP22 4 LI-FS 60-150V	2460130000	B.121
ADHB/8 WTL35	2334730000	B.248
ADHB/8 WTL35	2334730000	B.249
ADP 1/HP1 1M	0485200000	C.18
ADP 2/HP2 1M	0485300000	C.18
ADP 3/HP3 1M	0485400000	C.18
ADP 4/1000	1430760000	C.18
ADP 4/300	1378160000	C.18
ADP WF10/WF12	1780940000	A.436
ADP WF10/WF12	1780940000	A.437
ADP WF10/WF12	1780940000	A.438
ADP WF10/WF12	1780940000	A.439
ADP WF6/WF8	1780930000	A.434
ADP WF6/WF8	1780930000	A.435
ADP WF6/WF8	1780930000	A.436
ADT 1.5 2C	2918260000	A.112
ADT 1.5 2C BL	2941210000	A.112
ADT 1.5 3C	2918270000	A.112
ADT 1.5 3C BL	2941220000	A.112
ADT 1.5 4C	2918280000	A.113
ADT 1.5 4C BL	2941230000	A.113
ADT 2.5 2C	1989800000	A.106
ADT 2.5 2C	1989800000	A.113
ADT 2.5 2C	1989800000	A.163
ADT 2.5 2C BL	1989810000	A.113
ADT 2.5 2C W/O DTLV	1989930000	A.113
ADT 2.5 3C	1989830000	A.115
ADT 2.5 3C	1989830000	A.163
ADT 2.5 3C BL	1989840000	A.115
ADT 2.5 3C W/O DTLV	1989940000	A.115
ADT 2.5 4C	1989860000	A.115
ADT 2.5 4C	1989860000	A.163
ADT 2.5 4C BL	1989870000	A.115
ADT 2.5 4C W/O DTLV	1989950000	A.116
ADT 4 2C	2429850000	A.116
ADT 4 2C	2429850000	A.163
ADT 4 2C BL	2429880000	A.116
AEB 35 SC/1	1991920000	A.6
AEB 35 SC/1	1991920000	A.7
AEB 35 SC/1	1991920000	A.8
AEB 35 SC/1	1991920000	A.9
AEB 35 SC/1	1991920000	A.10
AEB 35 SC/1	1991920000	A.11
AEB 35 SC/1	1991920000	A.12
AEB 35 SC/1	1991920000	A.13
AEB 35 SC/1	1991920000	A.14
AEB 35 SC/1	1991920000	A.15
AEB 35 SC/1	1991920000	A.16
AEB 35 SC/1	1991920000	A.17
AEB 35 SC/1	1991920000	A.18
AEB 35 SC/1	1991920000	A.19
AEB 35 SC/1	1991920000	A.20
AEB 35 SC/1	1991920000	A.21
AEB 35 SC/1	1991920000	A.22
AEB 35 SC/1	1991920000	A.23
AEB 35 SC/1	1991920000	A.24
AEB 35 SC/1	1991920000	A.25
AEB 35 SC/1	1991920000	A.26
AEB 35 SC/1	1991920000	A.27
AEB 35 SC/1	1991920000	A.28
AEB 35 SC/1	1991920000	A.29
AEB 35 SC/1	1991920000	A.30
AEB 35 SC/1	1991920000	A.31
AEB 35 SC/1	1991920000	A.32
AEB 35 SC/1	1991920000	A.33
AEB 35 SC/1	1991920000	A.34
AEB 35 SC/1	1991920000	A.35
AEB 35 SC/1	1991920000	A.36
AEB 35 SC/1	1991920000	A.37
AEB 35 SC/1	1991920000	A.38
AEB 35 SC/1	1991920000	A.39
AEB 35 SC/1	1991920000	A.41
AEB 35 SC/1	1991920000	A.42
AEB 35 SC/1	1991920000	A.43
AEB 35 SC/1	1991920000	A.44
AEB 35 SC/1	1991920000	A.45
AEB 35 SC/1	1991920000	A.46
AEB 35 SC/1	1991920000	A.47
AEB 35 SC/1	1991920000	A.48
AEB 35 SC/1	1991920000	A.49
AEB 35 SC/1	1991920000	A.50
AEB 35 SC/1	1991920000	A.58
AEB 35 SC/1	1991920000	A.59
AEB 35 SC/1	1991920000	A.60
AEB 35 SC/1	1991920000	A.61
AEB 35 SC/1	1991920000	A.62
AEB 35 SC/1	1991920000	A.63
AEB 35 SC/1	1991920000	A.64
AEB 35 SC/1	1991920000	A.65
AEB 35 SC/1	1991920000	A.66
AEB 35 SC/1	1991920000	A.67
AEB 35 SC/1	1991920000	A.68
AEB 35 SC/1	1991920000	A.69
AEB 35 SC/1	1991920000	A.70
AEB 35 SC/1	1991920000	A.71
AEB 35 SC/1	1991920000	A.72
AEB 35 SC/1	1991920000	A.73
AEB 35 SC/1	1991920000	A.74
AEB 35 SC/1	1991920000	A.76
AEB 35 SC/1	1991920000	A.77
AEB 35 SC/1	1991920000	A.78
AEB 35 SC/1	1991920000	A.79
AEB 35 SC/1	1991920000	A.80
AEB 35 SC/1	1991920000	A.81
AEB 35 SC/1	1991920000	A.82
AEB 35 SC/1	1991920000	A.83
AEB 35 SC/1	1991920000	A.84
AEB 35 SC/1	1991920000	A.85
AEB 35 SC/1	1991920000	A.86
AEB 35 SC/1	1991920000	A.87
AEB 35 SC/1	1991920000	A.88
AEB 35 SC/1	1991920000	A.89
AEB 35 SC/1	1991920000	A.90
AEB 35 SC/1	1991920000	A.92
AEB 35 SC/1	1991920000	A.93
AEB 35 SC/1	1991920000	A.94
AEB 35 SC/1	1991920000	A.95
AEB 35 SC/1	1991920000	A.96
AEB 35 SC/1	1991920000	A.97
AEB 35 SC/1	1991920000	A.98
AEB 35 SC/1	1991920000	A.99
AEB 35 SC/1	1991920000	A.100
AEB 35 SC/1	1991920000	A.101
AEB 35 SC/1	1991920000	A.102
AEB 35 SC/1	1991920000	A.103
AEB 35 SC/1	1991920000	A.104
AEB 35 SC/1	1991920000	A.105
AEB 35 SC/1	1991920000	A.112
AEB 35 SC/1	1991920000	A.113
AEB 35 SC/1	1991920000	A.114
AEB 35 SC/1	1991920000	A.115
AEB 35 SC/1	1991920000	A.116
AEB 35 SC/1	1991920000	A.117
AEB 35 SC/1	1991920000	A.118
AEB 35 SC/1	1991920000	A.119
AEB 35 SC/1	1991920000	A.120
AEB 35 SC/1	1991920000	A.121
AEB 35 SC/1	1991920000	A.122
AEB 35 SC/1	1991920000	A.123
AEB 35 SC/1	1991920000	A.124
AEB 35 SC/1	1991920000	A.125
AEB 35 SC/1	1991920000	A.126
AEB 35 SC/1	1991920000	A.127
AEB 35 SC/1	1991920000	A.128
AEB 35 SC/1	1991920000	A.129
AEB 35 SC/1	1991920000	A.130
AEB 35 SC/1	1991920000	A.131
AEB 35 SC/1	1991920000	A.132
AEB 35 SC/1	1991920000	A.133
AEB 35 SC/1	1991920000	A.134
AEB 35 SC/1	1991920000	A.135
AEB 35 SC/1	1991920000	A.136
AEB 35 SC/1	1991920000	A.146
AEB 35 SC/1	1991920000	A.147
AEB 35 SC/1	1991920000	A.148
AEB 35 SC/1	1991920000	A.149
AEB 35 SC/1	1991920000	A.150
AEB 35 SC/1	1991920000	A.160
AEB 35 SC/1	1991920000	B.8
AEB 35 SC/1	1991920000	B.9
AEB 35 SC/1	1991920000	B.10
AEB 35 SC/1	1991920000	B.11
AEB 35 SC/1	1991920000	B.12
AEB 35 SC/1	1991920000	B.16
AEB 35 SC/1	1991920000	B.17
AEB 35 SC/1	1991920000	B.18
AEB 35 SC/1	1991920000	B.19
AEB 35 SC/1	1991920000	B.20
AEB 35 SC/1	1991920000	B.22
AEB 35 SC/1	1991920000	B.24
AEB 35 SC/1	1991920000	B.56
AEB 35 SC/1	1991920000	B.58
AEB 35 SC/1	1991920000	B.60
AEB 35 SC/1	1991920000	B.61
AEB 35 SC/1	1991920000	B.62
AEB 35 SC/1	1991920000	B.64
AEB 35 SC/1	1991920000	B.66
AEB 35 SC/1	1991920000	B.68
AEB 35 SC/1	1991920000	B.70
AEB 35 SC/1	1991920000	B.71
AEB 35 SC/1	1991920000	B.74
AEB 35 SC/1	1991920000	B.75
AEB 35 SC/1	1991920000	B.78
AEB 35 SC/1	1991920000	B.80
AEB 35 SC/1	1991920000	B.82
AEB 35 SC/1	1991920000	B.84
AEB 35 SC/1	1991920000	B.86
AEB 35 SC/1	1991920000	B.88
AEB 35 SC/1	1991920000	B.96
AEB 35 SC/1	1991920000	B.104
AEB 35 SC/1	1991920000	B.105
AEB 35 SC/1	1991920000	B.106
AEB 35 SC/1	1991920000	B.107
AEB 35 SC/1	1991920000	B.108
AEB 35 SC/1	1991920000	B.109
AEB 35 SC/1	1991920000	B.110
AEB 35 SC/1	1991920000	B.111
AEB 35 SC/1	1991920000	B.112
AEB 35 SC/1	1991920000	B.113
AEB 35 SC/1	1991920000	B.114
AEB 35 SC/1	1991920000	B.115
AEB 35 SC/1	1991920000	B.116
AEB 35 SC/1	1991920000	B.117
AEB 35 SC/1	1991920000	B.118
AEB 35 SC/1	1991920000	B.120
AEB 35 SC/1	1991920000	B.121
AEB 35 SC/1	1991920000	B.124
AEB 35 SC/1	1991920000	B.125
AEB 35 SC/1	1991920000	B.207
AEB 35 SC/1	1991920000	B.250
AEB 35 SC/1	1991920000	B.251
AEB 35 SC/1	1991920000	B.274
AEB 35 SC/1	1991920000	B.275
AEB 35 SC/1	1991920000	B.278
AEB 35 SC/1	1991920000	B.279
AEB 35 SC/1	1991920000	B.280
AEB 35 SC/1	1991920000	B.281
AEB 35 SC/1	1991920000	B.282
AEB 35 SC/1	1991920000	B.283
AEB 35 SC/1	1991920000	B.284
AEB 35 SC/1	1991920000	B.285
AEB 35 SC/1	1991920000	C.15
AEB 35 SC/1 BK	2475310000	B.40
AEB 35 SC/1 BK	2475310000	B.41
AEB 35 SC/1 BK	2475310000	B.44
AEB 35 SC/1 BK	2475310000	B.45
AEB 35 SC/1 BK	2475310000	B.48
AEB 35 SC/1 BK	2475310000	B.50
AEB 35 SC/1 BK	2475310000	C.15
AEB 35 SC/1 RM	3112300000	C.17
AEB 35 SCL/1 RM	3112310000	C.17
AEB 35 SCL/1 V0	2661280000	A.6
AEB 35 SCL/1 V0	2661280000	A.7
AEB 35 SCL/1 V0	2661280000	A.8
AEB 35 SCL/1 V0	2661280000	A.9
AEB 35 SCL/1 V0	2661280000	A.10
AEB 35 SCL/1 V0	2661280000	A.11

Type	Order No.	Page
AEB 35 SCL/1 V0	2661280000	A.12
AEB 35 SCL/1 V0	2661280000	A.13
AEB 35 SCL/1 V0	2661280000	A.14
AEB 35 SCL/1 V0	2661280000	A.15
AEB 35 SCL/1 V0	2661280000	A.16
AEB 35 SCL/1 V0	2661280000	A.17
AEB 35 SCL/1 V0	2661280000	A.18
AEB 35 SCL/1 V0	2661280000	A.19
AEB 35 SCL/1 V0	2661280000	A.20
AEB 35 SCL/1 V0	2661280000	A.21
AEB 35 SCL/1 V0	2661280000	A.22
AEB 35 SCL/1 V0	2661280000	A.23
AEB 35 SCL/1 V0	2661280000	A.24
AEB 35 SCL/1 V0	2661280000	A.25
AEB 35 SCL/1 V0	2661280000	A.26
AEB 35 SCL/1 V0	2661280000	A.27
AEB 35 SCL/1 V0	2661280000	A.28
AEB 35 SCL/1 V0	2661280000	A.29
AEB 35 SCL/1 V0	2661280000	A.30
AEB 35 SCL/1 V0	2661280000	A.31
AEB 35 SCL/1 V0	2661280000	A.32
AEB 35 SCL/1 V0	2661280000	A.33
AEB 35 SCL/1 V0	2661280000	A.34
AEB 35 SCL/1 V0	2661280000	A.35
AEB 35 SCL/1 V0	2661280000	A.36
AEB 35 SCL/1 V0	2661280000	A.37
AEB 35 SCL/1 V0	2661280000	A.38
AEB 35 SCL/1 V0	2661280000	A.39
AEB 35 SCL/1 V0	2661280000	A.41
AEB 35 SCL/1 V0	2661280000	A.42
AEB 35 SCL/1 V0	2661280000	A.43
AEB 35 SCL/1 V0	2661280000	A.44
AEB 35 SCL/1 V0	2661280000	A.45
AEB 35 SCL/1 V0	2661280000	A.46
AEB 35 SCL/1 V0	2661280000	A.47
AEB 35 SCL/1 V0	2661280000	A.48
AEB 35 SCL/1 V0	2661280000	A.49
AEB 35 SCL/1 V0	2661280000	A.50
AEB 35 SCL/1 V0	2661280000	A.58
AEB 35 SCL/1 V0	2661280000	A.59
AEB 35 SCL/1 V0	2661280000	A.60
AEB 35 SCL/1 V0	2661280000	A.61
AEB 35 SCL/1 V0	2661280000	A.62
AEB 35 SCL/1 V0	2661280000	A.63
AEB 35 SCL/1 V0	2661280000	A.64
AEB 35 SCL/1 V0	2661280000	A.65
AEB 35 SCL/1 V0	2661280000	A.66
AEB 35 SCL/1 V0	2661280000	A.67
AEB 35 SCL/1 V0	2661280000	A.68
AEB 35 SCL/1 V0	2661280000	A.69
AEB 35 SCL/1 V0	2661280000	A.70
AEB 35 SCL/1 V0	2661280000	A.71
AEB 35 SCL/1 V0	2661280000	A.72
AEB 35 SCL/1 V0	2661280000	A.73
AEB 35 SCL/1 V0	2661280000	A.74
AEB 35 SCL/1 V0	2661280000	A.76
AEB 35 SCL/1 V0	2661280000	A.77
AEB 35 SCL/1 V0	2661280000	A.78
AEB 35 SCL/1 V0	2661280000	A.79
AEB 35 SCL/1 V0	2661280000	A.80
AEB 35 SCL/1 V0	2661280000	A.81
AEB 35 SCL/1 V0	2661280000	A.82
AEB 35 SCL/1 V0	2661280000	A.83
AEB 35 SCL/1 V0	2661280000	A.84
AEB 35 SCL/1 V0	2661280000	A.85
AEB 35 SCL/1 V0	2661280000	A.86
AEB 35 SCL/1 V0	2661280000	A.87
AEB 35 SCL/1 V0	2661280000	A.88
AEB 35 SCL/1 V0	2661280000	A.89
AEB 35 SCL/1 V0	2661280000	A.90
AEB 35 SCL/1 V0	2661280000	A.92
AEB 35 SCL/1 V0	2661280000	A.93
AEB 35 SCL/1 V0	2661280000	A.94
AEB 35 SCL/1 V0	2661280000	A.95
AEB 35 SCL/1 V0	2661280000	A.96
AEB 35 SCL/1 V0	2661280000	A.97
AEB 35 SCL/1 V0	2661280000	A.98
AEB 35 SCL/1 V0	2661280000	A.99
AEB 35 SCL/1 V0	2661280000	A.100
AEB 35 SCL/1 V0	2661280000	A.101
AEB 35 SCL/1 V0	2661280000	A.102
AEB 35 SCL/1 V0	2661280000	A.103
AEB 35 SCL/1 V0	2661280000	A.104
AEB 35 SCL/1 V0	2661280000	A.105
AEB 35 SCL/1 V0	2661280000	A.112
AEB 35 SCL/1 V0	2661280000	A.113
AEB 35 SCL/1 V0	2661280000	A.114
AEB 35 SCL/1 V0	2661280000	A.115
AEB 35 SCL/1 V0	2661280000	A.116
AEB 35 SCL/1 V0	2661280000	A.117
AEB 35 SCL/1 V0	2661280000	A.118
AEB 35 SCL/1 V0	2661280000	A.119
AEB 35 SCL/1 V0	2661280000	A.120
AEB 35 SCL/1 V0	2661280000	A.121
AEB 35 SCL/1 V0	2661280000	A.122
AEB 35 SCL/1 V0	2661280000	A.123
AEB 35 SCL/1 V0	2661280000	A.124
AEB 35 SCL/1 V0	2661280000	A.125
AEB 35 SCL/1 V0	2661280000	A.126

Type	Order No.	Page
AEB 35 SCL/1 V0	2661280000	A.127
AEB 35 SCL/1 V0	2661280000	A.128
AEB 35 SCL/1 V0	2661280000	A.129
AEB 35 SCL/1 V0	2661280000	A.130
AEB 35 SCL/1 V0	2661280000	A.131
AEB 35 SCL/1 V0	2661280000	A.132
AEB 35 SCL/1 V0	2661280000	A.133
AEB 35 SCL/1 V0	2661280000	A.134
AEB 35 SCL/1 V0	2661280000	A.135
AEB 35 SCL/1 V0	2661280000	A.136
AEB 35 SCL/1 V0	2661280000	A.146
AEB 35 SCL/1 V0	2661280000	A.147
AEB 35 SCL/1 V0	2661280000	A.148
AEB 35 SCL/1 V0	2661280000	A.149
AEB 35 SCL/1 V0	2661280000	A.150
AEB 35 SCL/1 V0	2661280000	A.160
AEB 35 SCL/1 V0	2661280000	A.175
AEB 35 SCL/1 V0	2661280000	B.8
AEB 35 SCL/1 V0	2661280000	B.9
AEB 35 SCL/1 V0	2661280000	B.10
AEB 35 SCL/1 V0	2661280000	B.11
AEB 35 SCL/1 V0	2661280000	B.16
AEB 35 SCL/1 V0	2661280000	B.17
AEB 35 SCL/1 V0	2661280000	B.18
AEB 35 SCL/1 V0	2661280000	B.19
AEB 35 SCL/1 V0	2661280000	B.20
AEB 35 SCL/1 V0	2661280000	B.54
AEB 35 SCL/1 V0	2661280000	B.96
AEB 35 SCL/1 V0	2661280000	B.104
AEB 35 SCL/1 V0	2661280000	B.105
AEB 35 SCL/1 V0	2661280000	B.106
AEB 35 SCL/1 V0	2661280000	B.107
AEB 35 SCL/1 V0	2661280000	B.108
AEB 35 SCL/1 V0	2661280000	B.109
AEB 35 SCL/1 V0	2661280000	B.110
AEB 35 SCL/1 V0	2661280000	B.111
AEB 35 SCL/1 V0	2661280000	B.112
AEB 35 SCL/1 V0	2661280000	B.113
AEB 35 SCL/1 V0	2661280000	B.114
AEB 35 SCL/1 V0	2661280000	B.115
AEB 35 SCL/1 V0	2661280000	B.116
AEB 35 SCL/1 V0	2661280000	B.117
AEB 35 SCL/1 V0	2661280000	B.118
AEB 35 SCL/1 V0	2661280000	B.120
AEB 35 SCL/1 V0	2661280000	B.121
AEB 35 SCL/1 V0	2661280000	B.124
AEB 35 SCL/1 V0	2661280000	B.125
AEB 35 SCL/1 V0	2661280000	B.178
AEB 35 SCL/1 V0	2661280000	B.179
AEB 35 SCL/1 V0	2661280000	B.180
AEB 35 SCL/1 V0	2661280000	B.181
AEB 35 SCL/1 V0	2661280000	B.182
AEB 35 SCL/1 V0	2661280000	B.183
AEB 35 SCL/1 V0	2661280000	B.184
AEB 35 SCL/1 V0	2661280000	B.185
AEB 35 SCL/1 V0	2661280000	B.186
AEB 35 SCL/1 V0	2661280000	B.187
AEB 35 SCL/1 V0	2661280000	B.188
AEB 35 SCL/1 V0	2661280000	B.189
AEB 35 SCL/1 V0	2661280000	B.190
AEB 35 SCL/1 V0	2661280000	B.191
AEB 35 SCL/1 V0	2661280000	B.192
AEB 35 SCL/1 V0	2661280000	B.193
AEB 35 SCL/1 V0	2661280000	B.207
AEB 35 SCL/1 V0	2661280000	B.212
AEB 35 SCL/1 V0	2661280000	B.214
AEB 35 SCL/1 V0	2661280000	B.216
AEB 35 SCL/1 V0	2661280000	B.220
AEB 35 SCL/1 V0	2661280000	B.274
AEB 35 SCL/1 V0	2661280000	B.275
AEB 35 SCL/1 V0	2661280000	B.278
AEB 35 SCL/1 V0	2661280000	B.279
AEB 35 SCL/1 V0	2661280000	B.280
AEB 35 SCL/1 V0	2661280000	B.281
AEB 35 SCL/1 V0	2661280000	B.282
AEB 35 SCL/1 V0	2661280000	B.283
AEB 35 SCL/1 V0	2661280000	B.284
AEB 35 SCL/1 V0	2661280000	B.285
AEB 35 SCL/1 V0	2661280000	C.15
AEB 35 SCL/1 V0 BK	2661300000	A.175
AEB 35 SCL/1 V0 BK	2661300000	C.15
AEB 35 SCL/1 V0 BK DL	2570250000	A.175
AEB 35 SCL/1 V0 DL	2570240000	A.175
AEB 35 SCL/1 V0 GY	2661290000	A.175
AEB 35 SCL/1 V0 GY	2661290000	C.15
AEB 35 SCL/1 V0 GY DL	2570260000	A.175
AEB ITB 16 BB BL	2669130000	B.178
AEB ITB 16 BB BL	2669130000	B.179
AEB ITB 16 BB BL	2669130000	B.180
AEB ITB 16 BB BL	2669130000	B.181
AEB ITB 16 BB BL	2669130000	B.182
AEB ITB 16 BB BL	2669130000	B.183
AEB ITB 16 BB BL	2669130000	B.184
AEB ITB 16 BB BL	2669130000	B.185
AEB ITB 16 BB BL	2669130000	B.186
AEB ITB 16 BB BL	2669130000	B.187
AEB ITB 16 BB BL	2669130000	B.188
AEB ITB 16 BB BL	2669130000	B.189
AEB ITB 16 BB BL	2669130000	B.190

Type	Order No.	Page
AEB ITB 16 BB BL	2669130000	B.191
AEB ITB 16 BB BL	2669130000	B.192
AEB ITB 16 BB BL	2669130000	B.193
AEB ITB 2.5/4 BB BL	2690440000	B.178
AEB ITB 2.5/4 BB BL	2690440000	B.179
AEB ITB 2.5/4 BB BL	2690440000	B.180
AEB ITB 2.5/4 BB BL	2690440000	B.181
AEB ITB 2.5/4 BB BL	2690440000	B.182
AEB ITB 2.5/4 BB BL	2690440000	B.183
AEB ITB 2.5/4 BB BL	2690440000	B.184
AEB ITB 2.5/4 BB BL	2690440000	B.185
AEB ITB 2.5/4 BB BL	2690440000	B.186
AEB ITB 2.5/4 BB BL	2690440000	B.187
AEB ITB 2.5/4 BB BL	2690440000	B.188
AEB ITB 2.5/4 BB BL	2690440000	B.189
AEB ITB 2.5/4 BB BL	2690440000	B.190
AEB ITB 2.5/4 BB BL	2690440000	B.191
AEB ITB 2.5/4 BB BL	2690440000	B.192
AEB ITB 2.5/4 BB BL	2690440000	B.193
AEP 2C 1.5	1552600000	A.6
AEP 2C 1.5	1552600000	A.26
AEP 2C 1.5	1552600000	A.58
AEP 2C 1.5	1552600000	A.92
AEP 2C 1.5	1552600000	A.122
AEP 2C 1.5 BL	1552610000	A.6
AEP 2C 1.5 BL	1552610000	A.26
AEP 2C 1.5 BL	1552610000	A.58
AEP 2C 1.5 BL	1552610000	A.122
AEP 2C 10/16	2490380000	A.65
AEP 2C 10/16	2490380000	A.66
AEP 2C 10/16	2490380000	A.97
AEP 2C 10/16	2490380000	B.275
AEP 2C 10/16 BL	2490390000	A.65
AEP 2C 10/16 BL	2490390000	A.66
AEP 2C 2.5	1514400000	A.59
AEP 2C 2.5	1514400000	A.93
AEP 2C 2.5	1514400000	A.127
AEP 2C 2.5	1514400000	A.160
AEP 2C 2.5	1514400000	B.274
AEP 2C 2.5 BL	1514420000	A.59
AEP 2C 2.5 BL	1514420000	A.127
AEP 2C 2.5 BL	1514420000	A.160
AEP 2C 4	2051680000	A.60
AEP 2C 4	2051680000	A.94
AEP 2C 4	2051680000	A.132
AEP 2C 4	2051680000	B.275
AEP 2C 4 BL	2051690000	A.60
AEP 2C 4 BL	2051690000	A.132
AEP 2C 6	1991970000	A.62
AEP 2C 6	1991970000	A.95
AEP 2C 6	1991970000	A.136
AEP 2C 6	1991970000	B.275
AEP 2C 6 BL	1991950000	A.62
AEP 2T 1.5	2469420000	A.76
AEP 2T 1.5	2469420000	A.77
AEP 2T 1.5	2469420000	A.102
AEP 2T 1.5	2469420000	A.125
AEP 2T 1.5	2469420000	A.126
AEP 2T 1.5	2469420000	B.207
AEP 2T 1.5 BL	2471470000	A.76
AEP 2T 1.5 BL	2471470000	A.77
AEP 2T 1.5 BL	2471470000	A.125
AEP 2T 1.5 BL	2471470000	A.126
AEP 2T 1.5 BL	2471470000	B.207
AEP 2T 2.5	1547690000	A.78
AEP 2T 2.5	1547690000	A.79
AEP 2T 2.5	1547690000	A.80
AEP 2T 2.5	1547690000	A.81
AEP 2T 2.5	1547690000	A.103
AEP 2T 2.5	1547690000	A.130
AEP 2T 2.5	1547690000	A.131
AEP 2T 2.5	1547690000	A.146
AEP 2T 2.5	1547690000	A.147
AEP 2T 2.5	1547690000	A.148
AEP 2T 2.5	1547690000	A.149
AEP 2T 2.5	1547690000	A.150
AEP 2T 2.5 3C	2532690000	A.80
AEP 2T 2.5 3C	2532690000	A.104
AEP 2T 2.5 3C BL	2532700000	A.80
AEP 2T 2.5 BL	1547700000	A.78
AEP 2T 2.5 BL	1547700000	A.79
AEP 2T 2.5 BL	1547700000	A.80
AEP 2T 2.5 BL	1547700000	A.81
AEP 2T 2.5 BL	1547700000	A.130
AEP 2T 2.5 BL	1547700000	A.131
AEP 2T 4	2540000000	A.82
AEP 2T 4	2540000000	A.83
AEP 2T 4	2540000000	A.104
AEP 2T 4	2540000000	A.134
AEP 2T 4	2540000000	A.135
AEP 2T 4 BL	2540010000	A.82
AEP 2T 4 BL	2540010000	A.83
AEP 2T 4 BL	2540010000	A.134
AEP 2T 4 BL	2540010000	A.135
AEP 2T 4 FS	2817060000	A.110
AEP 2T 4 FS	2817060000	A.111
AEP 2T 4 FS	2817060000	A.121
AEP 3C 1.5	1552620000	A.6
AEP 3C 1.5	1552620000	A.26

Type	Order No.	Page
AEP 3C 1.5	1552620000	A.58
AEP 3C 1.5	1552620000	A.92
AEP 3C 1.5	1552620000	A.112
AEP 3C 1.5	1552620000	A.123
AEP 3C 1.5 BL	1552630000	A.6
AEP 3C 1.5 BL	1552630000	A.26
AEP 3C 1.5 BL	1552630000	A.58
AEP 3C 1.5 BL	1552630000	A.123
AEP 3C 10/16	2490530000	A.65
AEP 3C 10/16	2490530000	A.66
AEP 3C 10/16	2490530000	A.97
AEP 3C 10/16	2490530000	A.98
AEP 3C 10/16 BL	2490540000	A.65
AEP 3C 10/16 BL	2490540000	A.66
AEP 3C 2.5	1521510000	A.59
AEP 3C 2.5	1521510000	A.93
AEP 3C 2.5	1521510000	A.128
AEP 3C 2.5 BL	1521520000	A.59
AEP 3C 2.5 BL	1521520000	A.128
AEP 3C 4	2051720000	A.61
AEP 3C 4	2051720000	A.95
AEP 3C 4	2051720000	A.116
AEP 3C 4	2051720000	A.133
AEP 3C 4 BK	2486640000	A.107
AEP 3C 4 BK	2486640000	A.108
AEP 3C 4 BL	2051880000	A.61
AEP 3C 4 BL	2051880000	A.116
AEP 3C 4 BL	2051880000	A.133
AEP 3C 6	1991940000	A.62
AEP 3C 6	1991940000	A.96
AEP 3C 6 BL	1991910000	A.62
AEP 3T 1.5	2816950000	A.86
AEP 3T 1.5	2816950000	A.87
AEP 3T 1.5	2816950000	A.105
AEP 3T 2.5	2428560000	A.78
AEP 3T 2.5	2428560000	A.88
AEP 3T 2.5	2428560000	A.89
AEP 3T 2.5	2428560000	A.105
AEP 3T 2.5 BL	2428860000	A.78
AEP 3T 2.5 BL	2428860000	A.88
AEP 3T 2.5 BL	2428860000	A.89
AEP 4C 1.5	1552640000	A.7
AEP 4C 1.5	1552640000	A.27
AEP 4C 1.5	1552640000	A.59
AEP 4C 1.5	1552640000	A.93
AEP 4C 1.5	1552640000	A.112
AEP 4C 1.5 BL	1552650000	A.7
AEP 4C 1.5 BL	1552650000	A.27
AEP 4C 1.5 BL	1552650000	A.59
AEP 4C 2.5	1521530000	A.60
AEP 4C 2.5	1521530000	A.94
AEP 4C 2.5	1521530000	A.113
AEP 4C 2.5	1521530000	A.114
AEP 4C 2.5	1521530000	B.280
AEP 4C 2.5 BK	2486660000	A.106
AEP 4C 2.5 BL	1521640000	A.60
AEP 4C 2.5 BL	1521640000	A.113
AEP 4C 2.5 BL	1521640000	A.114
AEP 4C 2.5 BL	1521640000	B.280
AEP 4C 4	2051900000	A.61
AEP 4C 4	2051900000	A.95
AEP 4C 4 BL	2051910000	A.61
AEP 4C 6	2876180000	A.63
AEP 4C 6	2876180000	A.96
AEP 4C 6	2876180000	B.281
AEP 4C 6 BL	2876190000	A.63
AEP 4C 6 BL	2876190000	B.281
AEP AP11	1988320000	B.104
AEP AP11	1988320000	B.105
AEP AP12	1988300000	B.110
AEP AP12	1988300000	B.111
AEP AP13	1990140000	B.106
AEP AP13	1990140000	B.107
AEP AP14	1988340000	B.112
AEP AP14	1988340000	B.113
AEP AP21	2429020000	B.116
AEP AP21	2429020000	B.117
AEP AP21	2429020000	B.118
AEP AP22	2429040000	B.120
AEP AP22	2429040000	B.121
AEP DT 1.5 4C	2918300000	A.113
AEP DT 2.5 2T	2744150000	A.120
AEP DT 2.5 2T BL	2744160000	A.120
AEP DT 2.5 3C	1989970000	A.115
AEP DT 2.5 4C	1989980000	A.115
AEP DT 2.5 4C	1989980000	A.116
AEP IO21	1993580000	B.124
AEP IO21	1993580000	B.125
AEP IO22	1993590000	B.125
AEP IO23	1993600000	B.125
AEP ITB 16 BB 2C	2668840000	B.179
AEP ITB 16 BB 2C	2668840000	B.181
AEP ITB 16 BB 2C BL	2668850000	B.179
AEP ITB 16 BB NDT BL	2668860000	B.183
AEP ITB 2.5	2669060000	B.190
AEP ITB 2.5	2669060000	B.191
AEP ITB 2.5	2669060000	B.192
AEP ITB 2.5	2669060000	B.193
AEP ITB 2.5 BB	2668960000	B.184

Type	Order No.	Page
AEP ITB 2.5 BB	2668960000	B.185
AEP ITB 2.5 BB	2668960000	B.186
AEP ITB 2.5 BB	2668960000	B.187
AEP ITB 2.5 BB 2C	2668780000	B.178
AEP ITB 2.5 BB 2C	2668780000	B.180
AEP ITB 2.5 BB 2C BL	2668790000	B.178
AEP ITB 2.5 BB NDT BL	2668800000	B.182
AEP ITB 4 BB	2669110000	B.188
AEP ITB 4 BB	2669110000	B.189
AEP ITB 6 BB 2C	2668810000	B.178
AEP ITB 6 BB 2C	2668810000	B.180
AEP ITB 6 BB 2C BL	2668820000	B.178
AEP ITB 6 BB NDT BL	2668830000	B.182
AEP MC 2.5	2433820000	A.90
AEP MC 2.5	2433820000	B.96
AEP PGTB 1.5 4C/2	2482510000	A.123
AEP PGTB 1.5 4C/2	2482510000	A.124
AEP PGTB 1.5 4C/2 BL	2482520000	A.123
AEP PGTB 1.5 4C/4	2898180000	A.124
AEP PGTB 1.5 4C/4	2898180000	A.125
AEP PGTB 2.5 4C/2	1514450000	A.129
AEP PGTB 2.5 4C/2 BL	1514470000	A.129
AEP PGTB 2.5 4C/4	2898190000	A.129
AEP PGTB 2.5 4C/4	2898190000	A.130
AEP PGTB 4 4C/2	2540210000	A.133
AEP PGTB 4 4C/2	2540210000	A.134
AEP PGTB 4 4C/2 BL	2540280000	A.133
AEP PGTB 4 4C/2 BL	2540280000	A.134
AEP TTB 6 PG	2762310000	B.220
AEP TTB 6 PG	2762310000	B.221
AFS 2.5 CF 2C 12V BK	2466610000	A.106
AFS 2.5 CF 2C 12V BK	2466610000	A.163
AFS 2.5 CF 2C 24V BK	2466600000	A.106
AFS 2.5 CF 2C 24V BK	2466600000	A.163
AFS 2.5 CF 2C BK	2466530000	A.106
AFS 2.5 CF 2C BK	2466530000	A.163
AFS 4 2C 10-36V BK	2429870000	A.107
AFS 4 2C 100-250V BK	2434390000	A.107
AFS 4 2C 30-70V BK	2434350000	A.107
AFS 4 2C 60-150V BK	2434380000	A.107
AFS 4 2C BK	2429860000	A.107
AFS 4 2C BK	2429860000	A.163
AFS 4 2C BK/BL	2548140000	A.108
AFS 6 2C 6.3X32	2996020000	A.109
AH WDT 2.5 BT	1305230000	A.388
AI021 1.5 SI	1992260000	A.163
AI021 1.5 SI	1992260000	B.124
AI021 1.5 SI OR	2579610000	B.124
AI021 1.5 SO	1992240000	A.163
AI021 1.5 SO	1992240000	B.124
AI021 1.5 SO OR	2579570000	B.124
AI021 1.5 SO-PE	1992250000	A.163
AI021 1.5 SO-PE	1992250000	B.125
AI021 1.5 SO-PE OR	2579580000	B.125
AI022 1.5 SI-PE	1992230000	A.163
AI022 1.5 SI-PE	1992230000	B.125
AI022 1.5 SI-PE OR	2579640000	B.125
AI023 1.5 2SI	1992220000	B.125
AI023 1.5 2SI OR	2579620000	B.125
AITB 16 BB 2C	2668740000	B.179
AITB 16 BB 2C BL	2668750000	B.179
AITB 16 BB 2C PE	2668760000	B.181
AITB 16 BB NDT BL	2668770000	B.183
AITB 2.5 BB 2C	2668660000	B.178
AITB 2.5 BB 2C BL	2668670000	B.178
AITB 2.5 BB 2C PE	2668680000	B.180
AITB 2.5 BB L	2668920000	B.184
AITB 2.5 BB L-L	2668900000	B.187
AITB 2.5 BB L-L-PE	2668930000	B.186
AITB 2.5 BB N-L	2668910000	B.185
AITB 2.5 BB N-L-PE	2668940000	B.184
AITB 2.5 BB NDT BL	2668690000	B.182
AITB 2.5 BB NDT-L-PE	2668950000	B.186
AITB 2.5 L-L	2669000000	B.193
AITB 2.5 L-L-PE	2669010000	B.192
AITB 2.5 LDT-L	2668980000	B.190
AITB 2.5 LDT-L W/O DTLV	2668990000	B.191
AITB 2.5 LDT-L-PE	2669040000	B.190
AITB 2.5 LDT-L-PE W/O DTLV	2669050000	B.191
AITB 2.5 N-L-PE	2669020000	B.192
AITB 2.5 NDT-L-PE	2669030000	B.191
AITB 4 BB L-L	2669070000	B.188
AITB 4 BB L-L-PE	2669080000	B.188
AITB 4 BB N-L-PE	2669090000	B.189
AITB 4 BB NDT-L-PE	2669100000	B.189
AITB 6 BB 2C	2668700000	B.178
AITB 6 BB 2C BL	2668710000	B.178
AITB 6 BB 2C PE	2668720000	B.180
AITB 6 BB NDT BL	2668730000	B.182
AKE 2.5	1303360000	A.331
AKE 4	0380260000	A.332
AKZ 1.5	0340460000	A.298
AKZ 1.5 BL	0340480000	A.298
AKZ 2.5	0697160000	A.300
AKZ 2.5 BL	0697180000	A.300
AKZ 4	0294360000	A.302
AKZ 4 BL	0294380000	A.302
AL2C 2.5	2847200000	A.68
AL2C 2.5	2847200000	A.177
AL2C 2.5 BK	2847270000	A.177
AL2C 2.5 BL	2847210000	A.68
AL2C 2.5 BL	2847210000	A.177
AL2C 2.5 BR	2847310000	A.177
AL2C 2.5 DBL	2847220000	A.177
AL2C 2.5 FE	2847320000	B.278
AL2C 2.5 GN	2847250000	A.177
AL2C 2.5 LTGY	2847300000	A.177
AL2C 2.5 OR	2847240000	A.177
AL2C 2.5 PE	2847590000	A.98
AL2C 2.5 RD	2847230000	A.177
AL2C 2.5 VT	2847260000	A.177
AL2C 2.5 WT	2847280000	A.177
AL2C 2.5 YL	2847290000	A.177
AL2C 4	2847710000	A.70
AL2C 4	2847710000	A.177
AL2C 4 BK	2871930000	A.177
AL2C 4 BL	2871870000	A.70
AL2C 4 BL	2871870000	A.177
AL2C 4 BR	2871970000	A.177
AL2C 4 DBL	2871880000	A.177
AL2C 4 FE	2871980000	B.279
AL2C 4 GN	2871910000	A.177
AL2C 4 LTGY	2871960000	A.177
AL2C 4 OR	2871900000	A.177
AL2C 4 PE	2847740000	A.99
AL2C 4 RD	2871890000	A.177
AL2C 4 VT	2871920000	A.177
AL2C 4 WT	2871940000	A.177
AL2C 4 YL	2871950000	A.177
AL2T 2.5	2847620000	A.83
AL2T 2.5 BL	2938210000	A.83
AL2T 2.5 FT-PE	2847640000	A.84
AL2T 2.5 PE	2847650000	A.103
AL2T 2.5 VL	2847630000	A.84
AL2T 4	2847780000	A.85
AL2T 4 FT-PE	2847800000	A.85
AL2T 4 PE	2847810000	A.103
AL2T 4 VL	2847790000	A.85
AL3C 2.5	2847330000	A.68
AL3C 2.5	2847330000	A.177
AL3C 2.5 BK	2847400000	A.177
AL3C 2.5 BL	2847340000	A.68
AL3C 2.5 BL	2847340000	A.177
AL3C 2.5 BR	2847440000	A.177
AL3C 2.5 DBL	2847350000	A.177
AL3C 2.5 FE	2847450000	B.278
AL3C 2.5 GN	2847380000	A.177
AL3C 2.5 LTGY	2847430000	A.177
AL3C 2.5 OR	2847370000	A.177
AL3C 2.5 PE	2847600000	A.99
AL3C 2.5 RD	2847360000	A.177
AL3C 2.5 VT	2847390000	A.177
AL3C 2.5 WT	2847410000	A.177
AL3C 2.5 YL	2847420000	A.177
AL3C 4	2847720000	A.70
AL3C 4	2847720000	A.177
AL3C 4 BK	2872050000	A.177
AL3C 4 BL	2871990000	A.70
AL3C 4 BL	2871990000	A.177
AL3C 4 BR	2872090000	A.177
AL3C 4 DBL	2872000000	A.177
AL3C 4 FE	2872100000	B.279
AL3C 4 GN	2872030000	A.177
AL3C 4 LTGY	2872080000	A.177
AL3C 4 OR	2872020000	A.177
AL3C 4 PE	2847750000	A.100
AL3C 4 RD	2872010000	A.177
AL3C 4 VT	2872040000	A.177
AL3C 4 WT	2872060000	A.177
AL3C 4 YL	2872070000	A.177
AL4C 2.5	2847460000	A.69
AL4C 2.5	2847460000	A.177
AL4C 2.5 BK	2847530000	A.177
AL4C 2.5 BL	2847470000	A.69
AL4C 2.5 BL	2847470000	A.177
AL4C 2.5 BR	2847570000	A.177
AL4C 2.5 DBL	2847480000	A.177
AL4C 2.5 FE	2847580000	B.279
AL4C 2.5 GN	2847510000	A.177
AL4C 2.5 LTGY	2847560000	A.177
AL4C 2.5 OR	2847500000	A.177
AL4C 2.5 PE	2847610000	A.99
AL4C 2.5 RD	2847490000	A.177
AL4C 2.5 VT	2847520000	A.177
AL4C 2.5 WT	2847540000	A.177
AL4C 2.5 YL	2847550000	A.177
AL4C 4	2847730000	A.71
AL4C 4	2847730000	A.177
AL4C 4 BK	2872170000	A.177
AL4C 4 BL	2872110000	A.71
AL4C 4 BL	2872110000	A.177
AL4C 4 BR	2872210000	A.177
AL4C 4 DBL	2872120000	A.177
AL4C 4 FE	2872220000	B.280
AL4C 4 GN	2872150000	A.177
AL4C 4 LTGY	2872200000	A.177
AL4C 4 OR	2872140000	A.177
AL4C 4 PE	2847770000	A.100
AL4C 4 RD	2872130000	A.177
AL4C 4 VT	2872160000	A.177
AL4C 4 WT	2872180000	A.177
AL4C 4 YL	2872190000	A.177
ALDT 2.5 2C	2898660000	A.117
ALDT 2.5 2C BL	2898670000	A.117
ALDT 2.5 2C W/O DTLV	2898680000	A.117
ALDT 2.5 2C W/O DTLV BL	2898690000	A.117
ALDT 2.5 3C	2898700000	A.117
ALDT 2.5 3C BL	2898710000	A.117
ALDT 2.5 4C	2898720000	A.118
ALDT 2.5 4C BL	2898730000	A.118
ALDT 4 2C	2898740000	A.118
ALDT 4 2C BL	2898750000	A.118
ALDT 4 2C W/O DTLV	2898760000	A.119
ALDT 4 2C W/O DTLV BL	2898770000	A.119
ALEP 2C 2.5	2871750000	A.68
ALEP 2C 2.5	2871750000	A.98
ALEP 2C 2.5	2871750000	B.278
ALEP 2C 2.5 BL	2871760000	A.68
ALEP 2C 2.5 BL	2871760000	B.278
ALEP 2C 4	2871810000	A.70
ALEP 2C 4	2871810000	A.99
ALEP 2C 4	2871810000	B.279
ALEP 2C 4 BL	2871820000	A.70
ALEP 2C 4 BL	2871820000	B.279
ALEP 2T 2.5	2848010000	A.83
ALEP 2T 2.5	2848010000	A.84
ALEP 2T 2.5	2848010000	A.103
ALEP 2T 4	2848080000	A.85
ALEP 2T 4	2848080000	A.103
ALEP 3C 2.5	2871770000	A.68
ALEP 3C 2.5	2871770000	A.99
ALEP 3C 2.5	2871770000	B.278
ALEP 3C 2.5 BL	2871780000	A.68
ALEP 3C 2.5 BL	2871780000	B.278
ALEP 3C 4	2871830000	A.70
ALEP 3C 4	2871830000	A.100
ALEP 3C 4	2871830000	B.279
ALEP 3C 4 BL	2871840000	A.70
ALEP 3C 4 BL	2871840000	A.100
ALEP 3C 4 BL	2871840000	B.279
ALEP 4C 2.5	2871790000	A.69
ALEP 4C 2.5	2871790000	A.99
ALEP 4C 2.5	2871790000	B.279
ALEP 4C 2.5 BL	2871800000	A.69
ALEP 4C 2.5 BL	2871800000	B.279
ALEP 4C 4	2871850000	A.71
ALEP 4C 4	2871850000	A.100
ALEP 4C 4	2871850000	B.280
ALEP 4C 4 BL	2871860000	A.71
ALEP 4C 4 BL	2871860000	B.280
ALEP DT 2.5 2C	2898830000	A.117
ALEP DT 2.5 2C BL	2898840000	A.117
ALEP DT 2.5 3C	2898850000	A.117
ALEP DT 2.5 3C BL	2898860000	A.117
ALEP DT 2.5 4C	2898870000	A.118
ALEP DT 2.5 4C BL	2898880000	A.118
ALEP DT 4 2C	2898890000	A.109
ALEP DT 4 2C	2898890000	A.118
ALEP DT 4 2C	2898890000	A.119
ALEP DT 4 2C BL	2898900000	A.109
ALEP DT 4 2C BL	2898900000	A.118
ALEP DT 4 2C BL	2898900000	A.119
ALFS 4 2C 10-36V BK	2898790000	A.109
ALFS 4 2C 100-250V BK	2898820000	A.109
ALFS 4 2C 30-70V BK	2898800000	A.109
ALFS 4 2C 60-150V BK	2898810000	A.109
ALFS 4 2C BK	2898780000	A.109
ALO 16	2502280000	A.67
ALO 16 BL	2502320000	A.67
ALO 6	1991780000	A.64
ALO 6 BL	2065120000	A.64
AMC 2.5	2434340000	A.90
AMC 2.5	2434340000	B.96
AMC 2.5 800V	2434370000	A.90
AMC 2.5 800V	2434370000	B.96
AP AKZ1.5	0340560000	A.298
AP AKZ1.5 BL	0340580000	A.298
AP AKZ2.5	0697360000	A.300
AP AKZ2.5 BL	0697380000	A.300
AP AKZ4	0294460000	A.302
AP AKZ4	0294460000	A.332
AP AKZ4 BL	0294480000	A.302
AP DLD2.5/PE DB	1783800000	B.130
AP DLI2.5 DB	1783550000	B.130
AP DLI2.5 DB	1783550000	B.131
AP DLI2.5 DB	1783550000	B.132
AP DLI2.5 DB	1783550000	B.133
AP KDKS1 DB	9532470000	A.364
AP KDKS1 DB	9532470000	A.365
AP MAK2.5 DB	7917000000	A.329
AP MAK2.5 DB	7917000000	B.99
AP VLI1.5 DB	1784150000	A.329
AP VLI1.5 DB	1784150000	B.99
AP WMF2.5	1142990000	B.164
AP WMF2.5	1142990000	B.165
AP WMF2.5	1142990000	B.166
AP WMF2.5	1142990000	B.167
AP WMF2.5	1142990000	B.168
AP WMF2.5	1142990000	B.169
AP WMF2.5	1142990000	B.172
AP ZDTR2.5	1745420000	A.252
AP ZRV1.5 DB	1698180000	A.264
AP ZRV2.5	1906980000	A.265
APG 1.5 L	2482250000	A.122
APG 1.5 L	2482250000	A.123
APG 1.5 L	2482250000	A.124
APG 1.5 L	2482250000	A.125
APG 1.5 L	2482250000	A.126
APG 1.5 L	2482250000	A.142
APG 1.5 L BL	2482260000	A.142
APG 1.5 L GN	2482270000	A.142
APG 1.5 MI	2482280000	A.122
APG 1.5 MI	2482280000	A.123
APG 1.5 MI	2482280000	A.124
APG 1.5 MI	2482280000	A.125
APG 1.5 MI	2482280000	A.126
APG 1.5 MI	2482280000	A.142
APG 1.5 MI BL	2482290000	A.142
APG 1.5 MI GN	2482300000	A.142
APG 1.5 R	2482310000	A.122
APG 1.5 R	2482310000	A.123
APG 1.5 R	2482310000	A.124
APG 1.5 R	2482310000	A.125
APG 1.5 R	2482310000	A.126
APG 1.5 R	2482310000	A.142
APG 1.5 R BL	2482320000	A.142
APG 1.5 R GN	2482330000	A.142
APG 1.5/1	2482340000	A.122
APG 1.5/1	2482340000	A.123
APG 1.5/1	2482340000	A.124
APG 1.5/1	2482340000	A.125
APG 1.5/1	2482340000	A.126
APG 1.5/1	2482340000	A.138
APG 1.5/10	2482430000	A.122
APG 1.5/10	2482430000	A.123
APG 1.5/10	2482430000	A.124
APG 1.5/10	2482430000	A.125
APG 1.5/10	2482430000	A.126
APG 1.5/10	2482430000	A.138
APG 1.5/10-9BG-GN	2719830000	A.140
APG 1.5/2	2482350000	A.138
APG 1.5/3	2482360000	A.138
APG 1.5/3-2BG-GN	2719740000	A.140
APG 1.5/3-BG-BL-GN	2482460000	A.138
APG 1.5/4	2482370000	A.138
APG 1.5/4-3BG-GN	2482450000	A.140
APG 1.5/5	2482380000	A.138
APG 1.5/5-3BG-BL-GN	2482440000	A.138
APG 1.5/5-4BG-GN	2719770000	A.140
APG 1.5/6	2482390000	A.138
APG 1.5/6-5BG-GN	2719780000	A.140
APG 1.5/7	2482400000	A.138
APG 1.5/7-6BG-GN	2719800000	A.140
APG 1.5/8	2482410000	A.138
APG 1.5/8-7BG-GN	2719810000	A.140
APG 1.5/9	2482420000	A.138
APG 2.5 L	1513830000	A.127
APG 2.5 L	1513830000	A.128
APG 2.5 L	1513830000	A.129
APG 2.5 L	1513830000	A.130
APG 2.5 L	1513830000	A.131
APG 2.5 L	1513830000	A.142
APG 2.5 L BL	1513840000	A.142
APG 2.5 L GN	1513850000	A.142
APG 2.5 L RD	2976160000	A.142
APG 2.5 MI	1513880000	A.127
APG 2.5 MI	1513880000	A.128
APG 2.5 MI	1513880000	A.129
APG 2.5 MI	1513880000	A.130
APG 2.5 MI	1513880000	A.131
APG 2.5 MI	1513880000	A.142
APG 2.5 MI BL	1513900000	A.142
APG 2.5 MI GN	1513930000	A.142
APG 2.5 MI RD	2976170000	A.142
APG 2.5 R	1513940000	A.127
APG 2.5 R	1513940000	A.128
APG 2.5 R	1513940000	A.129
APG 2.5 R	1513940000	A.130
APG 2.5 R	1513940000	A.131
APG 2.5 R	1513940000	A.142
APG 2.5 R BL	1513950000	A.142
APG 2.5 R GN	1513980000	A.142
APG 2.5 R RD	2976180000	A.142
APG 2.5/1	1513720000	A.127
APG 2.5/1	1513720000	A.128
APG 2.5/1	1513720000	A.129
APG 2.5/1	1513720000	A.130
APG 2.5/1	1513720000	A.131
APG 2.5/1	1513720000	A.138
APG 2.5/10	1513770000	A.127
APG 2.5/10	1513770000	A.128
APG 2.5/10	1513770000	A.129
APG 2.5/10	1513770000	A.130
APG 2.5/10	1513770000	A.131
APG 2.5/10	1513770000	A.138
APG 2.5/10-9BG-GN	2712810000	A.140

Type	Order No.	Page
APG 2.5/2	1513640000	A.138
APG 2.5/3	1513650000	A.138
APG 2.5/3-2BG-GN	2712740000	A.140
APG 2.5/3-BG-BL-GN	1513820000	A.138
APG 2.5/4	1513670000	A.138
APG 2.5/4-3BG-GN	1513790000	A.140
APG 2.5/5	1513680000	A.138
APG 2.5/5-3BG-BL-GN	1513780000	A.138
APG 2.5/5-4BG-GN	2712760000	A.140
APG 2.5/6	1513690000	A.138
APG 2.5/6-5BG-GN	2712770000	A.140
APG 2.5/7	1513700000	A.138
APG 2.5/7-6BG-GN	2712780000	A.140
APG 2.5/8	1513730000	A.138
APG 2.5/8-7BG-GN	2712790000	A.140
APG 2.5/9	1513740000	A.138
APG 4 L	2540360000	A.132
APG 4 L	2540360000	A.133
APG 4 L	2540360000	A.134
APG 4 L	2540360000	A.135
APG 4 L	2540360000	A.142
APG 4 L BL	2540560000	A.142
APG 4 L GN	2540570000	A.142
APG 4 MI	2540580000	A.132
APG 4 MI	2540580000	A.133
APG 4 MI	2540580000	A.134
APG 4 MI	2540580000	A.135
APG 4 MI	2540580000	A.142
APG 4 MI BL	2540590000	A.142
APG 4 MI GN	2540600000	A.142
APG 4 R	2540610000	A.132
APG 4 R	2540610000	A.133
APG 4 R	2540610000	A.134
APG 4 R	2540610000	A.135
APG 4 R	2540610000	A.142
APG 4 R BL	2540620000	A.142
APG 4 R GN	2540630000	A.142
APG 4/1	2540460000	A.132
APG 4/1	2540460000	A.133
APG 4/1	2540460000	A.134
APG 4/1	2540460000	A.135
APG 4/1	2540460000	A.139
APG 4/10	2540550000	A.132
APG 4/10	2540550000	A.133
APG 4/10	2540550000	A.134
APG 4/10	2540550000	A.135
APG 4/10	2540550000	A.139
APG 4/2	2540470000	A.139
APG 4/3	2540480000	A.139
APG 4/3-BG-BL-GN	2540450000	A.139
APG 4/4	2540490000	A.139
APG 4/4-3BG-GN	2540440000	A.139
APG 4/5	2540500000	A.139
APG 4/5-3BG-BL-GN	2540430000	A.139
APG 4/6	2540510000	A.139
APG 4/7	2540520000	A.139
APG 4/8	2540530000	A.139
APG 4/9	2540540000	A.139
APG 6/1	2762320000	A.136
APG 6/1	2762320000	A.139
APG 6/1	2762320000	B.220
APG 6/1	2762320000	B.221
APG 6/1	2762320000	B.224
APG 6/10	2829070000	A.136
APG 6/10	2829070000	A.139
APG 6/2	2882750000	A.139
APG 6/2	2882750000	B.221
APG 6/2 MBB	2762330000	B.220
APG 6/2 MBB	2762330000	B.221
APG 6/2 MBB	2762330000	B.224
APG 6/3	2882690000	A.139
APG 6/3	2882690000	B.221
APG 6/3 MBB	2762340000	B.220
APG 6/3 MBB	2762340000	B.221
APG 6/3 MBB	2762340000	B.224
APG 6/4	2829060000	A.139
APG 6/4	2829060000	B.221
APG 6/5	2882700000	A.139
APG 6/6	2882710000	A.139
APG 6/7	2882720000	A.139
APG 6/8	2882730000	A.139
APG 6/9	2882740000	A.139
APGCE	1514490000	A.51
APGCE	1514490000	A.53
APGCE	1514490000	A.138
APGCE	1514490000	A.139
APGCE	1514490000	A.140
APGCE	1514490000	A.143
APGCE	1514490000	A.388
APGCE	1514490000	A.389
APGCE	1514490000	A.392
APGCE	1514490000	B.220
APGCE	1514490000	B.225
APGLE 1.5	2482720000	A.138
APGLE 1.5	2482720000	A.140
APGLE 1.5	2482720000	A.143
APGLE 2.5/4	2457570000	A.51
APGLE 2.5/4	2457570000	A.53
APGLE 2.5/4	2457570000	A.138

Type	Order No.	Page
APGLE 2.5/4	2457570000	A.139
APGLE 2.5/4	2457570000	A.140
APGLE 2.5/4	2457570000	A.143
APGLE 2.5/4	2457570000	A.388
APGLE 2.5/4	2457570000	A.389
APGLE 2.5/4	2457570000	A.392
APGLE 6	2762400000	A.139
APGLE 6	2762400000	A.143
APGLE 6	2762400000	B.220
APGLE 6	2762400000	B.225
APGPC 1.5	2482530000	A.138
APGPC 1.5	2482530000	A.140
APGPC 1.5	2482530000	A.143
APGPC 2.5	1514500000	A.51
APGPC 2.5	1514500000	A.53
APGPC 2.5	1514500000	A.138
APGPC 2.5	1514500000	A.140
APGPC 2.5	1514500000	A.143
APGPC 4	2540960000	A.139
APGPC 4	2540960000	A.143
APGPC 6	2762410000	A.139
APGPC 6	2762410000	A.143
APGPC 6	2762410000	B.220
APGPC 6	2762410000	B.224
APGSR 1.5	2482730000	A.138
APGSR 1.5	2482730000	A.140
APGSR 1.5	2482730000	A.142
APGSR 1.5 - 4P	2482740000	A.138
APGSR 1.5 - 4P	2482740000	A.140
APGSR 1.5 - 4P	2482740000	A.142
APGSR 1.5 - 8P	2482750000	A.138
APGSR 1.5 - 8P	2482750000	A.140
APGSR 1.5 - 8P	2482750000	A.142
APGSR 2.5/4	2457580000	A.51
APGSR 2.5/4	2457580000	A.52
APGSR 2.5/4	2457580000	A.138
APGSR 2.5/4	2457580000	A.139
APGSR 2.5/4	2457580000	A.140
APGSR 2.5/4	2457580000	A.142
APGSR 2.5/4	2457580000	A.388
APGSR 2.5/4	2457580000	A.389
APGSR 2.5/4	2457580000	A.393
APGSR 2.5/4 - 4P	2457590000	A.51
APGSR 2.5/4 - 4P	2457590000	A.52
APGSR 2.5/4 - 4P	2457590000	A.138
APGSR 2.5/4 - 4P	2457590000	A.139
APGSR 2.5/4 - 4P	2457590000	A.140
APGSR 2.5/4 - 4P	2457590000	A.142
APGSR 2.5/4 - 4P	2457590000	A.393
APGSR 2.5/4 - 8P	2457600000	A.51
APGSR 2.5/4 - 8P	2457600000	A.52
APGSR 2.5/4 - 8P	2457600000	A.138
APGSR 2.5/4 - 8P	2457600000	A.139
APGSR 2.5/4 - 8P	2457600000	A.140
APGSR 2.5/4 - 8P	2457600000	A.142
APGSR 2.5/4 - 8P	2457600000	A.393
APGSR 6	2762390000	A.139
APGSR 6	2762390000	A.142
APGSR 6	2762390000	B.220
APGSR 6	2762390000	B.225
APGTB 1.5 2T 4C/2	2485840000	A.125
APGTB 1.5 2T 4C/2	2485840000	A.163
APGTB 1.5 2T 4C/2 BL	2485850000	A.125
APGTB 1.5 2T FT-PE 4C/2	2485860000	A.126
APGTB 1.5 2T PE 4C/2	2485870000	A.126
APGTB 1.5 2T PE 4C/2	2485870000	A.163
APGTB 1.5 2T VL 4C/2	2485920000	A.125
APGTB 1.5 2T VL 4C/2 BL	2485930000	A.125
APGTB 1.5 FT 2C/1	2482160000	A.122
APGTB 1.5 FT 2C/1	2482160000	A.163
APGTB 1.5 FT 2C/1 BL	2482170000	A.122
APGTB 1.5 FT 3C/1	2482180000	A.123
APGTB 1.5 FT 3C/1	2482180000	A.163
APGTB 1.5 FT 3C/1 BL	2482190000	A.123
APGTB 1.5 FT 4C/2	2482200000	A.123
APGTB 1.5 FT 4C/2	2482200000	A.163
APGTB 1.5 FT 4C/2 BL	2482210000	A.123
APGTB 1.5 FT 4C/4	2898120000	A.124
APGTB 1.5 FT 4C/4 BL	2898130000	A.124
APGTB 1.5 PE 2C/1	2482220000	A.122
APGTB 1.5 PE 2C/1	2482220000	A.163
APGTB 1.5 PE 3C/1	2482230000	A.123
APGTB 1.5 PE 3C/1	2482230000	A.163
APGTB 1.5 PE 4C/2	2482240000	A.124
APGTB 1.5 PE 4C/2	2482240000	A.163
APGTB 1.5 PE 4C/4	2898140000	A.125
APGTB 2.5 2T 4C/2	1548060000	A.130
APGTB 2.5 2T 4C/2	1548060000	A.163
APGTB 2.5 2T 4C/2 BL	1548070000	A.130
APGTB 2.5 2T FT-PE 4C/2	1548130000	A.131
APGTB 2.5 2T PE 4C/2	1548160000	A.131
APGTB 2.5 2T PE 4C/2	1548160000	A.163
APGTB 2.5 2T VL 4C/2	1548140000	A.131
APGTB 2.5 2T VL 4C/2 BL	1548150000	A.131
APGTB 2.5 FT 2C/1	1513970000	A.127
APGTB 2.5 FT 2C/1	1513970000	A.163
APGTB 2.5 FT 2C/1 BL	1513990000	A.127
APGTB 2.5 FT 3C/1	1514000000	A.128
APGTB 2.5 FT 3C/1	1514000000	A.163

Type	Order No.	Page
APGTB 2.5 FT 3C/1 BL	1514020000	A.128
APGTB 2.5 FT 4C/2	1514030000	A.129
APGTB 2.5 FT 4C/2	1514030000	A.163
APGTB 2.5 FT 4C/2 BL	1514040000	A.129
APGTB 2.5 FT 4C/4	2898150000	A.129
APGTB 2.5 FT 4C/4 BL	2898160000	A.129
APGTB 2.5 PE 2C/1	1513870000	A.127
APGTB 2.5 PE 2C/1	1513870000	A.163
APGTB 2.5 PE 3C/1	1513890000	A.128
APGTB 2.5 PE 3C/1	1513890000	A.163
APGTB 2.5 PE 4C/2	1513920000	A.129
APGTB 2.5 PE 4C/2	1513920000	A.163
APGTB 2.5 PE 4C/4	2898170000	A.130
APGTB 4 2T 4C/2	2540230000	A.134
APGTB 4 2T 4C/2 BL	2540250000	A.134
APGTB 4 2T FT-PE 4C/2	2540290000	A.135
APGTB 4 2T PE 4C/2	2540300000	A.135
APGTB 4 2T VL 4C/2	2540260000	A.135
APGTB 4 2T VL 4C/2 BL	2540270000	A.135
APGTB 4 FT 2C/1	2540050000	A.132
APGTB 4 FT 2C/1 BL	2540060000	A.132
APGTB 4 FT 3C/1	2540070000	A.133
APGTB 4 FT 3C/1 BL	2540080000	A.133
APGTB 4 FT 4C/2	2540090000	A.133
APGTB 4 FT 4C/2 BL	2540100000	A.133
APGTB 4 PE 2C/1	2540110000	A.132
APGTB 4 PE 3C/1	2540170000	A.133
APGTB 4 PE 4C/2	2540180000	A.134
APGTB 6 FT 2C/1	3002280000	A.136
APGTB 6 PE 2C/1	3002340000	A.136
APP 1	2488970000	A.163
APP 2	2489090000	A.163
APP 3	2489100000	A.163
APP 4	2489110000	A.163
APP ITB 16 BB 2C/NDT BL	2668890000	B.179
APP ITB 16 BB 2C/NDT BL	2668890000	B.181
APP ITB 16 BB 2C/NDT BL	2668890000	B.183
APP ITB 2.5 BB 2C/NDT BL	2668870000	B.178
APP ITB 2.5 BB 2C/NDT BL	2668870000	B.180
APP ITB 2.5 BB 2C/NDT BL	2668870000	B.182
APP ITB 2.5 BB BL	2668970000	B.184
APP ITB 2.5 BB BL	2668970000	B.185
APP ITB 2.5 BB BL	2668970000	B.186
APP ITB 2.5 BB BL	2668970000	B.187
APP ITB 2.5 BB BL VI	2881640000	B.184
APP ITB 2.5 BB BL VI	2881640000	B.185
APP ITB 2.5 BB BL VI	2881640000	B.186
APP ITB 2.5 BB BL VI	2881640000	B.187
APP ITB 4 BB BL	2669120000	B.188
APP ITB 4 BB BL	2669120000	B.189
APP ITB 4 BB BL VI	2881650000	B.188
APP ITB 4 BB BL VI	2881650000	B.189
APP ITB 6 BB 2C/NDT BL	2668880000	B.178
APP ITB 6 BB 2C/NDT BL	2668880000	B.180
APP ITB 6 BB 2C/NDT BL	2668880000	B.182
ASP 2T 2.5	2820650000	A.147
ATPG 1.5 MI-R	1991880000	A.58
ATPG 1.5 MI-R	1991880000	A.59
ATPG 1.5 MI-R	1991880000	A.76
ATPG 1.5 MI-R	1991880000	A.77
ATPG 1.5 MI-R	1991880000	A.86
ATPG 1.5 MI-R	1991880000	A.87
ATPG 1.5 MI-R	1991880000	A.92
ATPG 1.5 MI-R	1991880000	A.93
ATPG 1.5 MI-R	1991880000	A.102
ATPG 1.5 MI-R	1991880000	A.105
ATPG 1.5 MI-R	1991880000	A.112
ATPG 1.5 MI-R	1991880000	A.113
ATPG 1.5 MI-R	1991880000	A.173
ATPG 1.5 MI-R	1991880000	B.124
ATPG 1.5 MI-R	1991880000	B.125
ATPG 1.5 MI-R	1991880000	B.207
ATPG 1.5-10 L	1991890000	A.6
ATPG 1.5-10 L	1991890000	A.7
ATPG 1.5-10 L	1991890000	A.8
ATPG 1.5-10 L	1991890000	A.9
ATPG 1.5-10 L	1991890000	A.10
ATPG 1.5-10 L	1991890000	A.11
ATPG 1.5-10 L	1991890000	A.12
ATPG 1.5-10 L	1991890000	A.13
ATPG 1.5-10 L	1991890000	A.14
ATPG 1.5-10 L	1991890000	A.15
ATPG 1.5-10 L	1991890000	A.18
ATPG 1.5-10 L	1991890000	A.19
ATPG 1.5-10 L	1991890000	A.20
ATPG 1.5-10 L	1991890000	A.21
ATPG 1.5-10 L	1991890000	A.22
ATPG 1.5-10 L	1991890000	A.23
ATPG 1.5-10 L	1991890000	A.24
ATPG 1.5-10 L	1991890000	A.25
ATPG 1.5-10 L	1991890000	A.26
ATPG 1.5-10 L	1991890000	A.27
ATPG 1.5-10 L	1991890000	A.28
ATPG 1.5-10 L	1991890000	A.29
ATPG 1.5-10 L	1991890000	A.30
ATPG 1.5-10 L	1991890000	A.31
ATPG 1.5-10 L	1991890000	A.32
ATPG 1.5-10 L	1991890000	A.33
ATPG 1.5-10 L	1991890000	A.34

Type	Order No.	Page
ATPG 1.5-10 L	1991890000	A.35
ATPG 1.5-10 L	1991890000	A.36
ATPG 1.5-10 L	1991890000	A.37
ATPG 1.5-10 L	1991890000	A.38
ATPG 1.5-10 L	1991890000	A.39
ATPG 1.5-10 L	1991890000	A.41
ATPG 1.5-10 L	1991890000	A.42
ATPG 1.5-10 L	1991890000	A.43
ATPG 1.5-10 L	1991890000	A.44
ATPG 1.5-10 L	1991890000	A.58
ATPG 1.5-10 L	1991890000	A.59
ATPG 1.5-10 L	1991890000	A.60
ATPG 1.5-10 L	1991890000	A.61
ATPG 1.5-10 L	1991890000	A.62
ATPG 1.5-10 L	1991890000	A.63
ATPG 1.5-10 L	1991890000	A.64
ATPG 1.5-10 L	1991890000	A.66
ATPG 1.5-10 L	1991890000	A.67
ATPG 1.5-10 L	1991890000	A.68
ATPG 1.5-10 L	1991890000	A.69
ATPG 1.5-10 L	1991890000	A.70
ATPG 1.5-10 L	1991890000	A.71
ATPG 1.5-10 L	1991890000	A.72
ATPG 1.5-10 L	1991890000	A.73
ATPG 1.5-10 L	1991890000	A.74
ATPG 1.5-10 L	1991890000	A.75
ATPG 1.5-10 L	1991890000	A.76
ATPG 1.5-10 L	1991890000	A.77
ATPG 1.5-10 L	1991890000	A.78
ATPG 1.5-10 L	1991890000	A.79
ATPG 1.5-10 L	1991890000	A.80
ATPG 1.5-10 L	1991890000	A.81
ATPG 1.5-10 L	1991890000	A.82
ATPG 1.5-10 L	1991890000	A.83
ATPG 1.5-10 L	1991890000	A.84
ATPG 1.5-10 L	1991890000	A.85
ATPG 1.5-10 L	1991890000	A.86
ATPG 1.5-10 L	1991890000	A.87
ATPG 1.5-10 L	1991890000	A.88
ATPG 1.5-10 L	1991890000	A.89
ATPG 1.5-10 L	1991890000	A.92
ATPG 1.5-10 L	1991890000	A.93
ATPG 1.5-10 L	1991890000	A.94
ATPG 1.5-10 L	1991890000	A.95
ATPG 1.5-10 L	1991890000	A.96
ATPG 1.5-10 L	1991890000	A.97
ATPG 1.5-10 L	1991890000	A.98
ATPG 1.5-10 L	1991890000	A.99
ATPG 1.5-10 L	1991890000	A.100
ATPG 1.5-10 L	1991890000	A.101
ATPG 1.5-10 L	1991890000	A.102
ATPG 1.5-10 L	1991890000	A.103
ATPG 1.5-10 L	1991890000	A.104
ATPG 1.5-10 L	1991890000	A.105
ATPG 1.5-10 L	1991890000	A.112
ATPG 1.5-10 L	1991890000	A.113
ATPG 1.5-10 L	1991890000	A.114
ATPG 1.5-10 L	1991890000	A.115
ATPG 1.5-10 L	1991890000	A.116
ATPG 1.5-10 L	1991890000	A.117
ATPG 1.5-10 L	1991890000	A.118
ATPG 1.5-10 L	1991890000	A.119
ATPG 1.5-10 L	1991890000	A.120
ATPG 1.5-10 L	1991890000	A.121
ATPG 1.5-10 L	1991890000	A.160
ATPG 1.5-10 L	1991890000	A.173
ATPG 1.5-10 L	1991890000	B.8
ATPG 1.5-10 L	1991890000	B.9
ATPG 1.5-10 L	1991890000	B.10
ATPG 1.5-10 L	1991890000	B.11
ATPG 1.5-10 L	1991890000	B.12
ATPG 1.5-10 L	1991890000	B.16
ATPG 1.5-10 L	1991890000	B.17
ATPG 1.5-10 L	1991890000	B.18
ATPG 1.5-10 L	1991890000	B.19
ATPG 1.5-10 L	1991890000	B.20
ATPG 1.5-10 L	1991890000	B.21
ATPG 1.5-10 L	1991890000	B.24
ATPG 1.5-10 L	1991890000	B.54
ATPG 1.5-10 L	1991890000	B.104
ATPG 1.5-10 L	1991890000	B.105
ATPG 1.5-10 L	1991890000	B.106
ATPG 1.5-10 L	1991890000	B.107
ATPG 1.5-10 L	1991890000	B.110
ATPG 1.5-10 L	1991890000	B.111
ATPG 1.5-10 L	1991890000	B.112
ATPG 1.5-10 L	1991890000	B.116
ATPG 1.5-10 L	1991890000	B.117
ATPG 1.5-10 L	1991890000	B.124
ATPG 1.5-10 L	1991890000	B.125
ATPG 1.5-10 L	1991890000	B.178
ATPG 1.5-10 L	1991890000	B.179
ATPG 1.5-10 L	1991890000	B.180
ATPG 1.5-10 L	1991890000	B.181
ATPG 1.5-10 L	1991890000	B.182
ATPG 1.5-10 L	1991890000	B.183
ATPG 1.5-10 L	1991890000	B.184
ATPG 1.5-10 L	1991890000	B.185
ATPG 1.5-10 L	1991890000	B.186

Type	Order No.	Page
ATPG 1.5-10 L	1991890000	B.187
ATPG 1.5-10 L	1991890000	B.188
ATPG 1.5-10 L	1991890000	B.189
ATPG 1.5-10 L	1991890000	B.190
ATPG 1.5-10 L	1991890000	B.191
ATPG 1.5-10 L	1991890000	B.192
ATPG 1.5-10 L	1991890000	B.193
ATPG 1.5-10 L	1991890000	B.207
ATPG 1.5-10 L	1991890000	B.274
ATPG 1.5-10 L	1991890000	B.275
ATPG 1.5-10 L	1991890000	B.278
ATPG 1.5-10 L	1991890000	B.279
ATPG 1.5-10 L	1991890000	B.280
ATPG 1.5-10 L	1991890000	B.281
ATPG 1.5-10 L	1991890000	B.282
ATPG 1.5-10 L	1991890000	B.283
ATPG 1.5-10 L	1991890000	B.284
ATPG 1.5-10 L	1991890000	B.285
ATPG 10 MI-R	1991870000	A.16
ATPG 10 MI-R	1991870000	A.17
ATPG 10 MI-R	1991870000	A.65
ATPG 10 MI-R	1991870000	A.173
ATPG 2.5 MI-R	1991960000	A.6
ATPG 2.5 MI-R	1991960000	A.7
ATPG 2.5 MI-R	1991960000	A.8
ATPG 2.5 MI-R	1991960000	A.9
ATPG 2.5 MI-R	1991960000	A.18
ATPG 2.5 MI-R	1991960000	A.19
ATPG 2.5 MI-R	1991960000	A.20
ATPG 2.5 MI-R	1991960000	A.21
ATPG 2.5 MI-R	1991960000	A.22
ATPG 2.5 MI-R	1991960000	A.23
ATPG 2.5 MI-R	1991960000	A.24
ATPG 2.5 MI-R	1991960000	A.25
ATPG 2.5 MI-R	1991960000	A.26
ATPG 2.5 MI-R	1991960000	A.27
ATPG 2.5 MI-R	1991960000	A.28
ATPG 2.5 MI-R	1991960000	A.29
ATPG 2.5 MI-R	1991960000	A.30
ATPG 2.5 MI-R	1991960000	A.38
ATPG 2.5 MI-R	1991960000	A.39
ATPG 2.5 MI-R	1991960000	A.41
ATPG 2.5 MI-R	1991960000	A.42
ATPG 2.5 MI-R	1991960000	A.43
ATPG 2.5 MI-R	1991960000	A.59
ATPG 2.5 MI-R	1991960000	A.60
ATPG 2.5 MI-R	1991960000	A.68
ATPG 2.5 MI-R	1991960000	A.69
ATPG 2.5 MI-R	1991960000	A.78
ATPG 2.5 MI-R	1991960000	A.79
ATPG 2.5 MI-R	1991960000	A.80
ATPG 2.5 MI-R	1991960000	A.81
ATPG 2.5 MI-R	1991960000	A.83
ATPG 2.5 MI-R	1991960000	A.84
ATPG 2.5 MI-R	1991960000	A.85
ATPG 2.5 MI-R	1991960000	A.88
ATPG 2.5 MI-R	1991960000	A.89
ATPG 2.5 MI-R	1991960000	A.93
ATPG 2.5 MI-R	1991960000	A.94
ATPG 2.5 MI-R	1991960000	A.95
ATPG 2.5 MI-R	1991960000	A.98
ATPG 2.5 MI-R	1991960000	A.99
ATPG 2.5 MI-R	1991960000	A.100
ATPG 2.5 MI-R	1991960000	A.103
ATPG 2.5 MI-R	1991960000	A.104
ATPG 2.5 MI-R	1991960000	A.105
ATPG 2.5 MI-R	1991960000	A.113
ATPG 2.5 MI-R	1991960000	A.114
ATPG 2.5 MI-R	1991960000	A.115
ATPG 2.5 MI-R	1991960000	A.116
ATPG 2.5 MI-R	1991960000	A.117
ATPG 2.5 MI-R	1991960000	A.118
ATPG 2.5 MI-R	1991960000	A.120
ATPG 2.5 MI-R	1991960000	A.160
ATPG 2.5 MI-R	1991960000	A.173
ATPG 2.5 MI-R	1991960000	B.178
ATPG 2.5 MI-R	1991960000	B.180
ATPG 2.5 MI-R	1991960000	B.182
ATPG 2.5 MI-R	1991960000	B.184
ATPG 2.5 MI-R	1991960000	B.185
ATPG 2.5 MI-R	1991960000	B.186
ATPG 2.5 MI-R	1991960000	B.187
ATPG 2.5 MI-R	1991960000	B.190
ATPG 2.5 MI-R	1991960000	B.191
ATPG 2.5 MI-R	1991960000	B.192
ATPG 2.5 MI-R	1991960000	B.193
ATPG 2.5 MI-R	1991960000	B.274
ATPG 2.5 MI-R	1991960000	B.278
ATPG 2.5 MI-R	1991960000	B.279
ATPG 2.5 MI-R	1991960000	B.280
ATPG 2.5/3	2041190000	A.8
ATPG 2.5/3	2041190000	A.9
ATPG 2.5/3	2041190000	A.18
ATPG 2.5/3	2041190000	A.19
ATPG 2.5/3	2041190000	A.20
ATPG 2.5/3	2041190000	A.21
ATPG 2.5/3	2041190000	A.22
ATPG 2.5/3	2041190000	A.23
ATPG 2.5/3	2041190000	A.24
ATPG 2.5/3	2041190000	A.25
ATPG 2.5/3	2041190000	A.28
ATPG 2.5/3	2041190000	A.29
ATPG 2.5/3	2041190000	A.41
ATPG 2.5/3	2041190000	A.42
ATPG 2.5/3	2041190000	A.43
ATPG 2.5/3	2041190000	A.59
ATPG 2.5/3	2041190000	A.60
ATPG 2.5/3	2041190000	A.68
ATPG 2.5/3	2041190000	A.69
ATPG 2.5/3	2041190000	A.78
ATPG 2.5/3	2041190000	A.79
ATPG 2.5/3	2041190000	A.80
ATPG 2.5/3	2041190000	A.81
ATPG 2.5/3	2041190000	A.83
ATPG 2.5/3	2041190000	A.84
ATPG 2.5/3	2041190000	A.85
ATPG 2.5/3	2041190000	A.88
ATPG 2.5/3	2041190000	A.89
ATPG 2.5/3	2041190000	A.93
ATPG 2.5/3	2041190000	A.94
ATPG 2.5/3	2041190000	A.98
ATPG 2.5/3	2041190000	A.99
ATPG 2.5/3	2041190000	A.113
ATPG 2.5/3	2041190000	A.114
ATPG 2.5/3	2041190000	A.115
ATPG 2.5/3	2041190000	A.116
ATPG 2.5/3	2041190000	A.117
ATPG 2.5/3	2041190000	A.118
ATPG 2.5/3	2041190000	A.160
ATPG 2.5/3	2041190000	A.173
ATPG 2.5/3	2041190000	B.178
ATPG 2.5/3	2041190000	B.182
ATPG 2.5/3	2041190000	B.184
ATPG 2.5/3	2041190000	B.185
ATPG 2.5/3	2041190000	B.186
ATPG 2.5/3	2041190000	B.187
ATPG 2.5/3	2041190000	B.274
ATPG 2.5/3	2041190000	B.278
ATPG 2.5/3	2041190000	B.279
ATPG 2.5/3	2041190000	B.280
ATPG 2.5/5	2041180000	A.8
ATPG 2.5/5	2041180000	A.9
ATPG 2.5/5	2041180000	A.18
ATPG 2.5/5	2041180000	A.19
ATPG 2.5/5	2041180000	A.20
ATPG 2.5/5	2041180000	A.21
ATPG 2.5/5	2041180000	A.22
ATPG 2.5/5	2041180000	A.23
ATPG 2.5/5	2041180000	A.24
ATPG 2.5/5	2041180000	A.25
ATPG 2.5/5	2041180000	A.28
ATPG 2.5/5	2041180000	A.29
ATPG 2.5/5	2041180000	A.41
ATPG 2.5/5	2041180000	A.42
ATPG 2.5/5	2041180000	A.43
ATPG 2.5/5	2041180000	A.59
ATPG 2.5/5	2041180000	A.60
ATPG 2.5/5	2041180000	A.68
ATPG 2.5/5	2041180000	A.69
ATPG 2.5/5	2041180000	A.78
ATPG 2.5/5	2041180000	A.79
ATPG 2.5/5	2041180000	A.80
ATPG 2.5/5	2041180000	A.81
ATPG 2.5/5	2041180000	A.83
ATPG 2.5/5	2041180000	A.84
ATPG 2.5/5	2041180000	A.85
ATPG 2.5/5	2041180000	A.88
ATPG 2.5/5	2041180000	A.89
ATPG 2.5/5	2041180000	A.93
ATPG 2.5/5	2041180000	A.94
ATPG 2.5/5	2041180000	A.98
ATPG 2.5/5	2041180000	A.99
ATPG 2.5/5	2041180000	A.113
ATPG 2.5/5	2041180000	A.114
ATPG 2.5/5	2041180000	A.115
ATPG 2.5/5	2041180000	A.116
ATPG 2.5/5	2041180000	A.117
ATPG 2.5/5	2041180000	A.118
ATPG 2.5/5	2041180000	A.160
ATPG 2.5/5	2041180000	A.173
ATPG 2.5/5	2041180000	B.178
ATPG 2.5/5	2041180000	B.182
ATPG 2.5/5	2041180000	B.184
ATPG 2.5/5	2041180000	B.185
ATPG 2.5/5	2041180000	B.186
ATPG 2.5/5	2041180000	B.187
ATPG 2.5/5	2041180000	B.274
ATPG 2.5/5	2041180000	B.278
ATPG 2.5/5	2041180000	B.279
ATPG 2.5/5	2041180000	B.280
ATPG 4 MI-R	1991860000	A.10
ATPG 4 MI-R	1991860000	A.11
ATPG 4 MI-R	1991860000	A.30
ATPG 4 MI-R	1991860000	A.31
ATPG 4 MI-R	1991860000	A.44
ATPG 4 MI-R	1991860000	A.60
ATPG 4 MI-R	1991860000	A.61
ATPG 4 MI-R	1991860000	A.70
ATPG 4 MI-R	1991860000	A.71
ATPG 4 MI-R	1991860000	A.82
ATPG 4 MI-R	1991860000	A.83
ATPG 4 MI-R	1991860000	A.94
ATPG 4 MI-R	1991860000	A.95
ATPG 4 MI-R	1991860000	A.99
ATPG 4 MI-R	1991860000	A.100
ATPG 4 MI-R	1991860000	A.104
ATPG 4 MI-R	1991860000	A.116
ATPG 4 MI-R	1991860000	A.118
ATPG 4 MI-R	1991860000	A.119
ATPG 4 MI-R	1991860000	A.121
ATPG 4 MI-R	1991860000	A.173
ATPG 4 MI-R	1991860000	B.188
ATPG 4 MI-R	1991860000	B.189
ATPG 4 MI-R	1991860000	B.275
ATPG 4 MI-R	1991860000	B.279
ATPG 4 MI-R	1991860000	B.280
ATPG 6 MI-R	1991930000	A.12
ATPG 6 MI-R	1991930000	A.13
ATPG 6 MI-R	1991930000	A.14
ATPG 6 MI-R	1991930000	A.15
ATPG 6 MI-R	1991930000	A.32
ATPG 6 MI-R	1991930000	A.33
ATPG 6 MI-R	1991930000	A.34
ATPG 6 MI-R	1991930000	A.35
ATPG 6 MI-R	1991930000	A.62
ATPG 6 MI-R	1991930000	A.63
ATPG 6 MI-R	1991930000	A.95
ATPG 6 MI-R	1991930000	A.96
ATPG 6 MI-R	1991930000	A.173
ATPG 6 MI-R	1991930000	B.178
ATPG 6 MI-R	1991930000	B.180
ATPG 6 MI-R	1991930000	B.182
ATPG 6 MI-R	1991930000	B.275
ATPG 6 MI-R	1991930000	B.281
ATTB 6	2710070000	B.212
ATTB 6	2710070000	B.213
ATTB 6 PE	2710080000	B.212
ATTB 6 PE	2710080000	B.213
ATTB 6 PE	2710080000	B.223
ATTB 6 PG CT	2762280000	B.220
ATTB 6 PG CT	2762280000	B.221
ATTB 6 PG VT	2762290000	B.220
ATTB 6 PG VT	2762290000	B.221
AWPD 35 4X10	2728630000	B.54
AWPD 35 4X10 BL	2860570000	B.54
AWPD 35 4X10 FE	2924990000	B.285
AWPD 35 4X6/6X2.5 FE	2924980000	B.285

B

BA RC ZPS2.5	1908560000	A.273
BB-CV AITB 3X10 BL	2918930000	B.194
BB-CV AITB 3X10 OR	2911380000	B.194
BEST	1833100000	A.120
BEST	1833100000	A.121
BEST	1833100000	A.250
BEST	1833100000	A.251
BEST	1833100000	A.263
BEST	1833100000	A.295
BEST	1833100000	A.368
BEST	1833100000	A.370
BEST	1833100000	A.371
BEST	1833100000	A.372
BEST	1833100000	A.373
BEST	1833100000	A.374
BEST	1833100000	A.375
BEST	1833100000	A.380
BEST	1833100000	A.382
BEST	1833100000	A.383
BEST	1833100000	A.385
BEST	1833100000	A.386
BEST	1833100000	A.387
BEST	1833100000	B.145
BEST	1833100000	B.146
BEST	1833100000	B.147
BEST	1833100000	B.154
BEST	1833100000	B.156
BEST	1833100000	B.164
BEST	1833100000	B.165
BEST	1833100000	B.166
BEST	1833100000	B.167
BEST	1833100000	B.168
BEST	1833100000	B.169
BEST	1833100000	B.190
BEST	1833100000	B.191
BEST	1833100000	B.192
BEST	1833100000	B.193
BEST/D	1878560000	A.120
BEST/D	1878560000	A.121
BEST/D	1878560000	A.250
BEST/D	1878560000	A.251
BEST/D	1878560000	A.263
BEST/D	1878560000	A.295
BEST/D	1878560000	A.368
BEST/D	1878560000	A.370
BEST/D	1878560000	A.371
BEST/D	1878560000	A.372
BEST/D	1878560000	A.373

Type	Order No.	Page
BEST/D	1878560000	A.374
BEST/D	1878560000	A.375
BEST/D	1878560000	A.380
BEST/D	1878560000	A.382
BEST/D	1878560000	A.383
BEST/D	1878560000	A.385
BEST/D	1878560000	A.386
BEST/D	1878560000	A.387
BEST/D	1878560000	B.145
BEST/D	1878560000	B.146
BEST/D	1878560000	B.147
BEST/D	1878560000	B.154
BEST/D	1878560000	B.156
BEST/D	1878560000	B.164
BEST/D	1878560000	B.165
BEST/D	1878560000	B.166
BEST/D	1878560000	B.167
BEST/D	1878560000	B.168
BEST/D	1878560000	B.169
BEST/D	1878560000	B.190
BEST/D	1878560000	B.191
BEST/D	1878560000	B.192
BEST/D	1878560000	B.193
BEST/DRBR	1878570000	A.250
BEST/DRBR	1878570000	A.251
BEST/DRBR	1878570000	A.263
BEST/DRBR	1878570000	A.295
BEST/DRBR	1878570000	A.368
BEST/DRBR	1878570000	A.373
BEST/DRBR	1878570000	A.374
BEST/DRBR	1878570000	A.375
BEST/DRBR	1878570000	A.380
BEST/DRBR	1878570000	A.382
BEST/DRBR	1878570000	A.383
BEST/DRBR	1878570000	B.164
BEST/DRBR	1878570000	B.165
BEST/DRBR	1878570000	B.166
BEST/DRBR	1878570000	B.167
BEST/DRBR	1878570000	B.168
BEST/DRBR	1878570000	B.169
BEST/DRBR	1878570000	B.190
BEST/DRBR	1878570000	B.191
BEST/DRBR	1878570000	B.192
BEST/DRBR	1878570000	B.193
BEZ-KARTE ADP	0566700000	C.18
BFEH 1/WSH	1082400000	B.265
BFEL + BEMU WEW WTL 35	1964820000	B.248
BFEL + BEMU WEW WTL 35	1964820000	B.249
BFSC M3X22 SAKT4	1319900000	B.234
BFSC M4X30	0267100000	C.4
BFSC M4X9T	0103300000	C.4
BFSC M5X8 SCHLITZ	0296700000	C.4
BK 12 CRN	0625320000	A.406
BK 12/E	7906100000	A.408
BK 2 CRN	0624720000	A.406
BK 2/E	7906040000	A.408
BK 3 CRN	0624920000	A.406
BK 3/E	7906060000	A.408
BK 4 CRN	0625120000	A.406
BK 4/E	7906080000	A.408
BK 6 CRN	0625220000	A.406
BK 6/E	7906090000	A.408
BLZ/SL KO BK BX	1545710000	B.170
BLZ/SL KO OR BX	1573010000	B.170
BLZP 5.08HC/02/90 SN OR BX	1948000000	B.170
BLZP 5.08HC/02/90F SN OR BX	1949800000	B.171
BLZP 5.08HC/03/90 SN OR BX	1948010000	B.170
BLZP 5.08HC/03/90F SN OR BX	1949810000	B.171
BLZP 5.08HC/04/180 SN OR BX	1943600000	A.396
BLZP 5.08HC/04/180 SN OR BX	1943600000	A.397
BLZP 5.08HC/04/180F SN OR BX	1944110000	A.396
BLZP 5.08HC/04/180F SN OR BX	1944110000	A.397
BLZP 5.08HC/04/90 SN OR BX	1948020000	B.170
BLZP 5.08HC/04/90F SN OR BX	1949820000	B.171
BLZP 5.08HC/05/90 SN OR BX	1948030000	B.170
BLZP 5.08HC/05/90F SN OR BX	1949830000	B.171
BLZP 5.08HC/06/180 SN OR BX	1943620000	A.396
BLZP 5.08HC/06/180 SN OR BX	1943620000	A.397
BLZP 5.08HC/06/180F SN OR BX	1944130000	A.396
BLZP 5.08HC/06/180F SN OR BX	1944130000	A.397
BLZP 5.08HC/06/90 SN OR BX	1948040000	B.170
BLZP 5.08HC/06/90F SN OR BX	1949840000	B.171
BLZP 5.08HC/07/90 SN OR BX	1948050000	B.170
BLZP 5.08HC/07/90F SN OR BX	1949850000	B.171
BLZP 5.08HC/08/180 SN OR BX	1943640000	A.396
BLZP 5.08HC/08/180 SN OR BX	1943640000	A.397
BLZP 5.08HC/08/180F SN OR BX	1944150000	A.396
BLZP 5.08HC/08/180F SN OR BX	1944150000	A.397
BLZP 5.08HC/08/90 SN OR BX	1948060000	B.170
BLZP 5.08HC/08/90F SN OR BX	1949860000	B.171
BLZP 5.08HC/09/90 SN OR BX	1948070000	B.170
BLZP 5.08HC/09/90F SN OR BX	1949870000	B.171
BLZP 5.08HC/10/90 SN OR BX	1948080000	B.170
BLZP 5.08HC/10/90F SN OR BX	1949880000	B.171
BLZP 5.08HC/11/90 SN OR BX	1948100000	B.170
BLZP 5.08HC/11/90F SN OR BX	1949890000	B.171
BLZP 5.08HC/12/90 SN OR BX	1948110000	B.170
BLZP 5.08HC/12/90F SN OR BX	1949900000	B.171
BS 25 IH/BL SAKT1	0335400000	B.243

X

Type	Order No.	Page
BS 25 IH/GE SAKT1	0335700000	B.238
BS 25 IH/GE SAKT1	0335700000	B.243
BS 25 IH/GE SAKT1	0335700000	B.244
BS 25 IH/GN SAKT1	0335600000	B.238
BS 25 IH/GN SAKT1	0335600000	B.243
BS 25 IH/GN SAKT1	0335600000	B.244
BS 25 IH/GR SAKT1	0335300000	B.243
BS 25 IH/RT SAKT1	0335500000	B.243
BS 25 IH/SW SAKT1	0335200000	B.243
BS 25 IH/VI SAKT1	0335800000	B.238
BS 25 IH/VI SAKT1	0335800000	B.243
BS 25 IH/VI SAKT1	0335800000	B.244
BS 25 O.IH SAKT1	0334700000	B.243
BS 35/WSH 2	1760720000	B.265
BS 35II KLBUE HOLDER	1723800000	B.261
BS 35II KLBUE2X3-8/2X2-6	1768020000	B.261
BS 35II KLBUE3-8	1723810000	B.261
BS 35II KLBUE3-8/2X2-6	1749430000	B.261
BS 35II/KLBUE 4-13.5	1723820000	B.261
BTWZ KLBUE	1742630000	B.267
BTWZ KLBUE	1742630000	B.268
BTWZ KLBUE	1742630000	B.269
BZT 1 WS 10/5	1805490000	A.293
BZT 1 WS 10/5	1805490000	B.276
BZT 1 ZA WS 10/5	1805520000	A.293
BZT 1 ZA WS 10/5	1805520000	B.276
BZT 2 WS 10/5	1805480000	A.293
BZT PRV16 BL 35X15	1267930000	B.162
BZT PRV16 BL 35X7.5	1267940000	B.162
BZT PRV16 SW 35X15	1173540000	B.162
BZT PRV16 SW 35X7.5	1173550000	B.162
BZT PRV4 BL 35X15	1267980000	B.160
BZT PRV4 BL 35X15	1267980000	B.163
BZT PRV4 BL 35X7.5	1267990000	B.160
BZT PRV4 BL 35X7.5	1267990000	B.163
BZT PRV4 SW 35X15	1173590000	B.160
BZT PRV4 SW 35X15	1173590000	B.163
BZT PRV4 SW 35X7.5	1173600000	B.160
BZT PRV4 SW 35X7.5	1173600000	B.163
BZT PRV8 BL 35X15	1267950000	B.161
BZT PRV8 BL 35X15	1267950000	B.163
BZT PRV8 BL 35X7.5	1267970000	B.161
BZT PRV8 BL 35X7.5	1267970000	B.163
BZT PRV8 SW 35X15	1173570000	B.161
BZT PRV8 SW 35X15	1173570000	B.163
BZT PRV8 SW 35X7.5	1173580000	B.161
BZT PRV8 SW 35X7.5	1173580000	B.163
BZT W2C 4	2894270000	A.370
BZT W2C 4	2894270000	A.371
BZT W2C 4	2894270000	A.372
BZT W2C 4	2894270000	B.143
BZT W2C 4	2894270000	B.144
BZT W2C 4	2894270000	B.145
BZT W2C 4	2894270000	B.146
BZT W2C 4	2894270000	B.147
BZT ZVL1.5	1676610000	B.129
BZT ZVL1.5/O.ZA	1676620000	B.129

C

CH TTB	2710130000	B.213
CH TTB	2710130000	B.215
CH TTB	2710130000	B.217
CP TTB	2710140000	B.213
CP TTB	2710140000	B.215
CP TTB	2710140000	B.217
CS TTB	2710150000	B.213
CS TTB	2710150000	B.215
CS TTB	2710150000	B.217

D

D 2 MK5/2 PA/NA	0244060000	A.406
DEK 5/3.5 MC NE WS	1755270000	A.186
DEK 5/3.5 MC NE WS	1755270000	A.187
DEK 5/3.5 MC NE WS	1755270000	A.202
DEK 5/3.5 MC NE WS	1755270000	A.203
DEK 5/3.5 MC NE WS	1755270000	A.219
DEK 5/3.5 MC NE WS	1755270000	A.220
DEK 5/3.5 MC NE WS	1755270000	A.232
DEK 5/3.5 MC NE WS	1755270000	A.298
DEK 5/3.5 MC NE WS	1755270000	A.320
DEK 5/3.5 MC NE WS	1755270000	A.330
DEK 5/3.5 MM WS	2007100000	A.6
DEK 5/3.5 MM WS	2007100000	A.7
DEK 5/3.5 MM WS	2007100000	A.26
DEK 5/3.5 MM WS	2007100000	A.27
DEK 5/3.5 MM WS	2007100000	A.58
DEK 5/3.5 MM WS	2007100000	A.59
DEK 5/3.5 MM WS	2007100000	A.76
DEK 5/3.5 MM WS	2007100000	A.77
DEK 5/3.5 MM WS	2007100000	A.86
DEK 5/3.5 MM WS	2007100000	A.87
DEK 5/3.5 MM WS	2007100000	A.92
DEK 5/3.5 MM WS	2007100000	A.93
DEK 5/3.5 MM WS	2007100000	A.102
DEK 5/3.5 MM WS	2007100000	A.105
DEK 5/3.5 MM WS	2007100000	A.112
DEK 5/3.5 MM WS	2007100000	A.113
DEK 5/3.5 MM WS	2007100000	A.122
DEK 5/3.5 MM WS	2007100000	A.123
DEK 5/3.5 MM WS	2007100000	A.124
DEK 5/3.5 MM WS	2007100000	A.125
DEK 5/3.5 MM WS	2007100000	A.126
DEK 5/3.5 MM WS	2007100000	A.138
DEK 5/3.5 MM WS	2007100000	A.140
DEK 5/3.5 MM WS	2007100000	A.186
DEK 5/3.5 MM WS	2007100000	A.187
DEK 5/3.5 MM WS	2007100000	A.202
DEK 5/3.5 MM WS	2007100000	A.203
DEK 5/3.5 MM WS	2007100000	A.219
DEK 5/3.5 MM WS	2007100000	A.220
DEK 5/3.5 MM WS	2007100000	A.232
DEK 5/3.5 MM WS	2007100000	A.298
DEK 5/3.5 MM WS	2007100000	A.320
DEK 5/3.5 MM WS	2007100000	A.330
DEK 5/3.5 MM WS	2007100000	B.105
DEK 5/3.5 MM WS	2007100000	B.107
DEK 5/3.5 MM WS	2007100000	B.124
DEK 5/3.5 MM WS	2007100000	B.125
DEK 5/3.5 MM WS	2007100000	B.207
DEK 5/3.5 PLUS MC NE WS	2003750000	A.6
DEK 5/3.5 PLUS MC NE WS	2003750000	A.7
DEK 5/3.5 PLUS MC NE WS	2003750000	A.26
DEK 5/3.5 PLUS MC NE WS	2003750000	A.27
DEK 5/3.5 PLUS MC NE WS	2003750000	A.58
DEK 5/3.5 PLUS MC NE WS	2003750000	A.59
DEK 5/3.5 PLUS MC NE WS	2003750000	A.76
DEK 5/3.5 PLUS MC NE WS	2003750000	A.77
DEK 5/3.5 PLUS MC NE WS	2003750000	A.86
DEK 5/3.5 PLUS MC NE WS	2003750000	A.87
DEK 5/3.5 PLUS MC NE WS	2003750000	A.92
DEK 5/3.5 PLUS MC NE WS	2003750000	A.93
DEK 5/3.5 PLUS MC NE WS	2003750000	A.102
DEK 5/3.5 PLUS MC NE WS	2003750000	A.105
DEK 5/3.5 PLUS MC NE WS	2003750000	A.112
DEK 5/3.5 PLUS MC NE WS	2003750000	A.113
DEK 5/3.5 PLUS MC NE WS	2003750000	A.122
DEK 5/3.5 PLUS MC NE WS	2003750000	A.123
DEK 5/3.5 PLUS MC NE WS	2003750000	A.124
DEK 5/3.5 PLUS MC NE WS	2003750000	A.125
DEK 5/3.5 PLUS MC NE WS	2003750000	A.126
DEK 5/3.5 PLUS MC NE WS	2003750000	A.138
DEK 5/3.5 PLUS MC NE WS	2003750000	A.140
DEK 5/3.5 PLUS MC NE WS	2003750000	B.105
DEK 5/3.5 PLUS MC NE WS	2003750000	B.107
DEK 5/3.5 PLUS MC NE WS	2003750000	B.108
DEK 5/3.5 PLUS MC NE WS	2003750000	B.109
DEK 5/3.5 PLUS MC NE WS	2003750000	B.124
DEK 5/3.5 PLUS MC NE WS	2003750000	B.125
DEK 5/3.5 PLUS MC NE WS	2003750000	B.207
DEK 5/5 MC NE WS	1609801044	A.180
DEK 5/5 MC NE WS	1609801044	A.181
DEK 5/5 MC NE WS	1609801044	A.182
DEK 5/5 MC NE WS	1609801044	A.183
DEK 5/5 MC NE WS	1609801044	A.188
DEK 5/5 MC NE WS	1609801044	A.189
DEK 5/5 MC NE WS	1609801044	A.192
DEK 5/5 MC NE WS	1609801044	A.193
DEK 5/5 MC NE WS	1609801044	A.194
DEK 5/5 MC NE WS	1609801044	A.200
DEK 5/5 MC NE WS	1609801044	A.201
DEK 5/5 MC NE WS	1609801044	A.204
DEK 5/5 MC NE WS	1609801044	A.205
DEK 5/5 MC NE WS	1609801044	A.206
DEK 5/5 MC NE WS	1609801044	A.207
DEK 5/5 MC NE WS	1609801044	A.208
DEK 5/5 MC NE WS	1609801044	A.209
DEK 5/5 MC NE WS	1609801044	A.210
DEK 5/5 MC NE WS	1609801044	A.211
DEK 5/5 MC NE WS	1609801044	A.212
DEK 5/5 MC NE WS	1609801044	A.216
DEK 5/5 MC NE WS	1609801044	A.217
DEK 5/5 MC NE WS	1609801044	A.218
DEK 5/5 MC NE WS	1609801044	A.219
DEK 5/5 MC NE WS	1609801044	A.220
DEK 5/5 MC NE WS	1609801044	A.221
DEK 5/5 MC NE WS	1609801044	A.224
DEK 5/5 MC NE WS	1609801044	A.225
DEK 5/5 MC NE WS	1609801044	A.226
DEK 5/5 MC NE WS	1609801044	A.227
DEK 5/5 MC NE WS	1609801044	A.230
DEK 5/5 MC NE WS	1609801044	A.231
DEK 5/5 MC NE WS	1609801044	A.233
DEK 5/5 MC NE WS	1609801044	A.234
DEK 5/5 MC NE WS	1609801044	A.235
DEK 5/5 MC NE WS	1609801044	A.236
DEK 5/5 MC NE WS	1609801044	A.237
DEK 5/5 MC NE WS	1609801044	A.238
DEK 5/5 MC NE WS	1609801044	A.239
DEK 5/5 MC NE WS	1609801044	A.240
DEK 5/5 MC NE WS	1609801044	A.242
DEK 5/5 MC NE WS	1609801044	A.244
DEK 5/5 MC NE WS	1609801044	A.245
DEK 5/5 MC NE WS	1609801044	A.250
DEK 5/5 MC NE WS	1609801044	A.251
DEK 5/5 MC NE WS	1609801044	A.252
DEK 5/5 MC NE WS	1609801044	A.254
DEK 5/5 MC NE WS	1609801044	A.255
DEK 5/5 MC NE WS	1609801044	A.257
DEK 5/5 MC NE WS	1609801044	A.258
DEK 5/5 MC NE WS	1609801044	A.260
DEK 5/5 MC NE WS	1609801044	A.261
DEK 5/5 MC NE WS	1609801044	A.262
DEK 5/5 MC NE WS	1609801044	A.263
DEK 5/5 MC NE WS	1609801044	A.264
DEK 5/5 MC NE WS	1609801044	A.265
DEK 5/5 MC NE WS	1609801044	A.266
DEK 5/5 MC NE WS	1609801044	A.267
DEK 5/5 MC NE WS	1609801044	A.268
DEK 5/5 MC NE WS	1609801044	A.274
DEK 5/5 MC NE WS	1609801044	A.275
DEK 5/5 MC NE WS	1609801044	A.276
DEK 5/5 MC NE WS	1609801044	A.277
DEK 5/5 MC NE WS	1609801044	A.278
DEK 5/5 MC NE WS	1609801044	A.279
DEK 5/5 MC NE WS	1609801044	A.280
DEK 5/5 MC NE WS	1609801044	A.281
DEK 5/5 MC NE WS	1609801044	A.282
DEK 5/5 MC NE WS	1609801044	A.298
DEK 5/5 MC NE WS	1609801044	A.299
DEK 5/5 MC NE WS	1609801044	A.300
DEK 5/5 MC NE WS	1609801044	A.301
DEK 5/5 MC NE WS	1609801044	A.302
DEK 5/5 MC NE WS	1609801044	A.308
DEK 5/5 MC NE WS	1609801044	A.309
DEK 5/5 MC NE WS	1609801044	A.310
DEK 5/5 MC NE WS	1609801044	A.311
DEK 5/5 MC NE WS	1609801044	A.312
DEK 5/5 MC NE WS	1609801044	A.313
DEK 5/5 MC NE WS	1609801044	A.314
DEK 5/5 MC NE WS	1609801044	A.315
DEK 5/5 MC NE WS	1609801044	A.316
DEK 5/5 MC NE WS	1609801044	A.319
DEK 5/5 MC NE WS	1609801044	A.320
DEK 5/5 MC NE WS	1609801044	A.321
DEK 5/5 MC NE WS	1609801044	A.322
DEK 5/5 MC NE WS	1609801044	A.323
DEK 5/5 MC NE WS	1609801044	A.325
DEK 5/5 MC NE WS	1609801044	A.326
DEK 5/5 MC NE WS	1609801044	A.327
DEK 5/5 MC NE WS	1609801044	A.328
DEK 5/5 MC NE WS	1609801044	A.329
DEK 5/5 MC NE WS	1609801044	A.330
DEK 5/5 MC NE WS	1609801044	A.331
DEK 5/5 MC NE WS	1609801044	A.332
DEK 5/5 MC NE WS	1609801044	A.335
DEK 5/5 MC NE WS	1609801044	A.336
DEK 5/5 MC NE WS	1609801044	A.337
DEK 5/5 MC NE WS	1609801044	A.338
DEK 5/5 MC NE WS	1609801044	A.339
DEK 5/5 MC NE WS	1609801044	A.340
DEK 5/5 MC NE WS	1609801044	A.341
DEK 5/5 MC NE WS	1609801044	A.342
DEK 5/5 MC NE WS	1609801044	A.343
DEK 5/5 MC NE WS	1609801044	A.344
DEK 5/5 MC NE WS	1609801044	A.345
DEK 5/5 MC NE WS	1609801044	A.346
DEK 5/5 MC NE WS	1609801044	A.347
DEK 5/5 MC NE WS	1609801044	A.348
DEK 5/5 MC NE WS	1609801044	A.349
DEK 5/5 MC NE WS	1609801044	A.358
DEK 5/5 MC NE WS	1609801044	A.360
DEK 5/5 MC NE WS	1609801044	A.361
DEK 5/5 MC NE WS	1609801044	A.362
DEK 5/5 MC NE WS	1609801044	A.368
DEK 5/5 MC NE WS	1609801044	A.369
DEK 5/5 MC NE WS	1609801044	A.370
DEK 5/5 MC NE WS	1609801044	A.371
DEK 5/5 MC NE WS	1609801044	A.372
DEK 5/5 MC NE WS	1609801044	A.375
DEK 5/5 MC NE WS	1609801044	A.382
DEK 5/5 MC NE WS	1609801044	A.383
DEK 5/5 MC NE WS	1609801044	A.384
DEK 5/5 MC NE WS	1609801044	A.385
DEK 5/5 MC NE WS	1609801044	A.386
DEK 5/5 MC NE WS	1609801044	A.387
DEK 5/5 MC NE WS	1609801044	A.388
DEK 5/5 MC NE WS	1609801044	A.389
DEK 5/5 MC NE WS	1609801044	A.394
DEK 5/5 MC NE WS	1609801044	A.395
DEK 5/5 MC NE WS	1609801044	A.396
DEK 5/5 MC NE WS	1609801044	A.397
DEK 5/5 MC NE WS	1609801044	A.399
DEK 5/5 MC NE WS	1609801044	A.400
DEK 5/5 MC NE WS	1609801044	A.401
DEK 5/5 MC NE WS	1609801044	A.402
DEK 5/5 MC NE WS	1609801044	A.403
DEK 5/5 MC NE WS	1609801044	B.26
DEK 5/5 MC NE WS	1609801044	B.27
DEK 5/5 MC NE WS	1609801044	B.28
DEK 5/5 MC NE WS	1609801044	B.29
DEK 5/5 MC NE WS	1609801044	B.30
DEK 5/5 MC NE WS	1609801044	B.32
DEK 5/5 MC NE WS	1609801044	B.33
DEK 5/5 MC NE WS	1609801044	B.34
DEK 5/5 MC NE WS	1609801044	B.35
DEK 5/5 MC NE WS	1609801044	B.40
DEK 5/5 MC NE WS	1609801044	B.41
DEK 5/5 MC NE WS	1609801044	B.44
DEK 5/5 MC NE WS	1609801044	B.45
DEK 5/5 MC NE WS	1609801044	B.48
DEK 5/5 MC NE WS	1609801044	B.50
DEK 5/5 MC NE WS	1609801044	B.97
DEK 5/5 MC NE WS	1609801044	B.98
DEK 5/5 MC NE WS	1609801044	B.99
DEK 5/5 MC NE WS	1609801044	B.128
DEK 5/5 MC NE WS	1609801044	B.129
DEK 5/5 MC NE WS	1609801044	B.134
DEK 5/5 MC NE WS	1609801044	B.143
DEK 5/5 MC NE WS	1609801044	B.144
DEK 5/5 MC NE WS	1609801044	B.145
DEK 5/5 MC NE WS	1609801044	B.146
DEK 5/5 MC NE WS	1609801044	B.147
DEK 5/5 MC NE WS	1609801044	B.148
DEK 5/5 MC NE WS	1609801044	B.149
DEK 5/5 MC NE WS	1609801044	B.150
DEK 5/5 MC NE WS	1609801044	B.151
DEK 5/5 MC NE WS	1609801044	B.152
DEK 5/5 MC NE WS	1609801044	B.153
DEK 5/5 MC NE WS	1609801044	B.154
DEK 5/5 MC NE WS	1609801044	B.155
DEK 5/5 MC NE WS	1609801044	B.156
DEK 5/5 MC NE WS	1609801044	B.157
DEK 5/5 MC NE WS	1609801044	B.158
DEK 5/5 MC NE WS	1609801044	B.159
DEK 5/5 MC NE WS	1609801044	B.164
DEK 5/5 MC NE WS	1609801044	B.165
DEK 5/5 MC NE WS	1609801044	B.166
DEK 5/5 MC NE WS	1609801044	B.167
DEK 5/5 MC NE WS	1609801044	B.168
DEK 5/5 MC NE WS	1609801044	B.169
DEK 5/5 MC NE WS	1609801044	B.198
DEK 5/5 MC NE WS	1609801044	B.199
DEK 5/5 MC NE WS	1609801044	B.200
DEK 5/5 MC NE WS	1609801044	B.202
DEK 5/5 MC NE WS	1609801044	B.203
DEK 5/5 MC NE WS	1609801044	B.204
DEK 5/5 MC NE WS	1609801044	B.205
DEK 5/5 MC NE WS	1609801044	B.277
DEK 5/5 MC NE WS	1609801044	B.286
DEK 5/5 MC NE WS	1609801044	B.287
DEK 5/5 MC NE WS	1609801044	B.288
DEK 5/5 MC NE WS	1609801044	B.289
DEK 5/5 MC NE WS	1609801044	B.290
DEK 5/5 MC SDR	1609810000	A.196
DEK 5/5 MC SDR	1609810000	A.197
DEK 5/5 MM WS	2007110000	A.8
DEK 5/5 MM WS	2007110000	A.9
DEK 5/5 MM WS	2007110000	A.18
DEK 5/5 MM WS	2007110000	A.19
DEK 5/5 MM WS	2007110000	A.20
DEK 5/5 MM WS	2007110000	A.21
DEK 5/5 MM WS	2007110000	A.22
DEK 5/5 MM WS	2007110000	A.23
DEK 5/5 MM WS	2007110000	A.24
DEK 5/5 MM WS	2007110000	A.25
DEK 5/5 MM WS	2007110000	A.28
DEK 5/5 MM WS	2007110000	A.29
DEK 5/5 MM WS	2007110000	A.30
DEK 5/5 MM WS	2007110000	A.38
DEK 5/5 MM WS	2007110000	A.39
DEK 5/5 MM WS	2007110000	A.41
DEK 5/5 MM WS	2007110000	A.42
DEK 5/5 MM WS	2007110000	A.43
DEK 5/5 MM WS	2007110000	A.45
DEK 5/5 MM WS	2007110000	A.46
DEK 5/5 MM WS	2007110000	A.47
DEK 5/5 MM WS	2007110000	A.48
DEK 5/5 MM WS	2007110000	A.49
DEK 5/5 MM WS	2007110000	A.50
DEK 5/5 MM WS	2007110000	A.59
DEK 5/5 MM WS	2007110000	A.60
DEK 5/5 MM WS	2007110000	A.68
DEK 5/5 MM WS	2007110000	A.69
DEK 5/5 MM WS	2007110000	A.78
DEK 5/5 MM WS	2007110000	A.79
DEK 5/5 MM WS	2007110000	A.80
DEK 5/5 MM WS	2007110000	A.81
DEK 5/5 MM WS	2007110000	A.82
DEK 5/5 MM WS	2007110000	A.83
DEK 5/5 MM WS	2007110000	A.84
DEK 5/5 MM WS	2007110000	A.85
DEK 5/5 MM WS	2007110000	A.88
DEK 5/5 MM WS	2007110000	A.89
DEK 5/5 MM WS	2007110000	A.90
DEK 5/5 MM WS	2007110000	A.93
DEK 5/5 MM WS	2007110000	A.94
DEK 5/5 MM WS	2007110000	A.95
DEK 5/5 MM WS	2007110000	A.98
DEK 5/5 MM WS	2007110000	A.99
DEK 5/5 MM WS	2007110000	A.100
DEK 5/5 MM WS	2007110000	A.103
DEK 5/5 MM WS	2007110000	A.104
DEK 5/5 MM WS	2007110000	A.105
DEK 5/5 MM WS	2007110000	A.106

Type	Order No.	Page
DEK 5/5 MM WS	2007110000	A.113
DEK 5/5 MM WS	2007110000	A.114
DEK 5/5 MM WS	2007110000	A.115
DEK 5/5 MM WS	2007110000	A.116
DEK 5/5 MM WS	2007110000	A.117
DEK 5/5 MM WS	2007110000	A.118
DEK 5/5 MM WS	2007110000	A.120
DEK 5/5 MM WS	2007110000	A.127
DEK 5/5 MM WS	2007110000	A.128
DEK 5/5 MM WS	2007110000	A.129
DEK 5/5 MM WS	2007110000	A.130
DEK 5/5 MM WS	2007110000	A.131
DEK 5/5 MM WS	2007110000	A.146
DEK 5/5 MM WS	2007110000	A.147
DEK 5/5 MM WS	2007110000	A.148
DEK 5/5 MM WS	2007110000	A.149
DEK 5/5 MM WS	2007110000	A.150
DEK 5/5 MM WS	2007110000	A.160
DEK 5/5 MM WS	2007110000	A.204
DEK 5/5 MM WS	2007110000	A.205
DEK 5/5 MM WS	2007110000	A.206
DEK 5/5 MM WS	2007110000	A.207
DEK 5/5 MM WS	2007110000	A.208
DEK 5/5 MM WS	2007110000	A.209
DEK 5/5 MM WS	2007110000	A.226
DEK 5/5 MM WS	2007110000	A.232
DEK 5/5 MM WS	2007110000	A.233
DEK 5/5 MM WS	2007110000	A.234
DEK 5/5 MM WS	2007110000	A.251
DEK 5/5 MM WS	2007110000	A.252
DEK 5/5 MM WS	2007110000	A.255
DEK 5/5 MM WS	2007110000	A.260
DEK 5/5 MM WS	2007110000	A.261
DEK 5/5 MM WS	2007110000	A.263
DEK 5/5 MM WS	2007110000	A.264
DEK 5/5 MM WS	2007110000	A.276
DEK 5/5 MM WS	2007110000	A.277
DEK 5/5 MM WS	2007110000	A.278
DEK 5/5 MM WS	2007110000	A.279
DEK 5/5 MM WS	2007110000	A.280
DEK 5/5 MM WS	2007110000	A.281
DEK 5/5 MM WS	2007110000	A.282
DEK 5/5 MM WS	2007110000	A.299
DEK 5/5 MM WS	2007110000	A.300
DEK 5/5 MM WS	2007110000	A.301
DEK 5/5 MM WS	2007110000	A.302
DEK 5/5 MM WS	2007110000	A.330
DEK 5/5 MM WS	2007110000	A.331
DEK 5/5 MM WS	2007110000	A.332
DEK 5/5 MM WS	2007110000	A.341
DEK 5/5 MM WS	2007110000	A.358
DEK 5/5 MM WS	2007110000	A.368
DEK 5/5 MM WS	2007110000	A.369
DEK 5/5 MM WS	2007110000	A.394
DEK 5/5 MM WS	2007110000	A.397
DEK 5/5 MM WS	2007110000	B.54
DEK 5/5 MM WS	2007110000	B.96
DEK 5/5 MM WS	2007110000	B.97
DEK 5/5 MM WS	2007110000	B.111
DEK 5/5 MM WS	2007110000	B.113
DEK 5/5 MM WS	2007110000	B.178
DEK 5/5 MM WS	2007110000	B.180
DEK 5/5 MM WS	2007110000	B.182
DEK 5/5 MM WS	2007110000	B.184
DEK 5/5 MM WS	2007110000	B.185
DEK 5/5 MM WS	2007110000	B.186
DEK 5/5 MM WS	2007110000	B.187
DEK 5/5 MM WS	2007110000	B.190
DEK 5/5 MM WS	2007110000	B.191
DEK 5/5 MM WS	2007110000	B.192
DEK 5/5 MM WS	2007110000	B.193
DEK 5/5 MM WS	2007110000	B.274
DEK 5/5 MM WS	2007110000	B.278
DEK 5/5 MM WS	2007110000	B.279
DEK 5/5 MM WS	2007110000	B.280
DEK 5/5 MM WS	2007110000	B.285
DEK 5/5 MM WS	2007110000	B.286
DEK 5/5 PLUS MC NE GE	1907520000	A.232
DEK 5/5 PLUS MC NE WS	1854490000	A.8
DEK 5/5 PLUS MC NE WS	1854490000	A.9
DEK 5/5 PLUS MC NE WS	1854490000	A.18
DEK 5/5 PLUS MC NE WS	1854490000	A.19
DEK 5/5 PLUS MC NE WS	1854490000	A.20
DEK 5/5 PLUS MC NE WS	1854490000	A.21
DEK 5/5 PLUS MC NE WS	1854490000	A.22
DEK 5/5 PLUS MC NE WS	1854490000	A.23
DEK 5/5 PLUS MC NE WS	1854490000	A.24
DEK 5/5 PLUS MC NE WS	1854490000	A.25
DEK 5/5 PLUS MC NE WS	1854490000	A.28
DEK 5/5 PLUS MC NE WS	1854490000	A.29
DEK 5/5 PLUS MC NE WS	1854490000	A.30
DEK 5/5 PLUS MC NE WS	1854490000	A.36
DEK 5/5 PLUS MC NE WS	1854490000	A.37
DEK 5/5 PLUS MC NE WS	1854490000	A.38
DEK 5/5 PLUS MC NE WS	1854490000	A.39
DEK 5/5 PLUS MC NE WS	1854490000	A.41
DEK 5/5 PLUS MC NE WS	1854490000	A.42
DEK 5/5 PLUS MC NE WS	1854490000	A.43
DEK 5/5 PLUS MC NE WS	1854490000	A.45
DEK 5/5 PLUS MC NE WS	1854490000	A.46
DEK 5/5 PLUS MC NE WS	1854490000	A.47
DEK 5/5 PLUS MC NE WS	1854490000	A.48
DEK 5/5 PLUS MC NE WS	1854490000	A.49
DEK 5/5 PLUS MC NE WS	1854490000	A.50
DEK 5/5 PLUS MC NE WS	1854490000	A.51
DEK 5/5 PLUS MC NE WS	1854490000	A.59
DEK 5/5 PLUS MC NE WS	1854490000	A.60
DEK 5/5 PLUS MC NE WS	1854490000	A.65
DEK 5/5 PLUS MC NE WS	1854490000	A.66
DEK 5/5 PLUS MC NE WS	1854490000	A.67
DEK 5/5 PLUS MC NE WS	1854490000	A.68
DEK 5/5 PLUS MC NE WS	1854490000	A.69
DEK 5/5 PLUS MC NE WS	1854490000	A.78
DEK 5/5 PLUS MC NE WS	1854490000	A.79
DEK 5/5 PLUS MC NE WS	1854490000	A.80
DEK 5/5 PLUS MC NE WS	1854490000	A.81
DEK 5/5 PLUS MC NE WS	1854490000	A.82
DEK 5/5 PLUS MC NE WS	1854490000	A.83
DEK 5/5 PLUS MC NE WS	1854490000	A.84
DEK 5/5 PLUS MC NE WS	1854490000	A.85
DEK 5/5 PLUS MC NE WS	1854490000	A.88
DEK 5/5 PLUS MC NE WS	1854490000	A.89
DEK 5/5 PLUS MC NE WS	1854490000	A.90
DEK 5/5 PLUS MC NE WS	1854490000	A.93
DEK 5/5 PLUS MC NE WS	1854490000	A.94
DEK 5/5 PLUS MC NE WS	1854490000	A.95
DEK 5/5 PLUS MC NE WS	1854490000	A.97
DEK 5/5 PLUS MC NE WS	1854490000	A.98
DEK 5/5 PLUS MC NE WS	1854490000	A.99
DEK 5/5 PLUS MC NE WS	1854490000	A.100
DEK 5/5 PLUS MC NE WS	1854490000	A.103
DEK 5/5 PLUS MC NE WS	1854490000	A.104
DEK 5/5 PLUS MC NE WS	1854490000	A.105
DEK 5/5 PLUS MC NE WS	1854490000	A.106
DEK 5/5 PLUS MC NE WS	1854490000	A.113
DEK 5/5 PLUS MC NE WS	1854490000	A.114
DEK 5/5 PLUS MC NE WS	1854490000	A.115
DEK 5/5 PLUS MC NE WS	1854490000	A.116
DEK 5/5 PLUS MC NE WS	1854490000	A.117
DEK 5/5 PLUS MC NE WS	1854490000	A.118
DEK 5/5 PLUS MC NE WS	1854490000	A.120
DEK 5/5 PLUS MC NE WS	1854490000	A.127
DEK 5/5 PLUS MC NE WS	1854490000	A.128
DEK 5/5 PLUS MC NE WS	1854490000	A.129
DEK 5/5 PLUS MC NE WS	1854490000	A.130
DEK 5/5 PLUS MC NE WS	1854490000	A.131
DEK 5/5 PLUS MC NE WS	1854490000	A.138
DEK 5/5 PLUS MC NE WS	1854490000	A.140
DEK 5/5 PLUS MC NE WS	1854490000	A.146
DEK 5/5 PLUS MC NE WS	1854490000	A.147
DEK 5/5 PLUS MC NE WS	1854490000	A.148
DEK 5/5 PLUS MC NE WS	1854490000	A.149
DEK 5/5 PLUS MC NE WS	1854490000	A.150
DEK 5/5 PLUS MC NE WS	1854490000	A.160
DEK 5/5 PLUS MC NE WS	1854490000	B.54
DEK 5/5 PLUS MC NE WS	1854490000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.110
DEK 5/5 PLUS MC NE WS	1854490000	B.111
DEK 5/5 PLUS MC NE WS	1854490000	B.112
DEK 5/5 PLUS MC NE WS	1854490000	B.113
DEK 5/5 PLUS MC NE WS	1854490000	B.114
DEK 5/5 PLUS MC NE WS	1854490000	B.115
DEK 5/5 PLUS MC NE WS	1854490000	B.116
DEK 5/5 PLUS MC NE WS	1854490000	B.117
DEK 5/5 PLUS MC NE WS	1854490000	B.120
DEK 5/5 PLUS MC NE WS	1854490000	B.178
DEK 5/5 PLUS MC NE WS	1854490000	B.180
DEK 5/5 PLUS MC NE WS	1854490000	B.182
DEK 5/5 PLUS MC NE WS	1854490000	B.184
DEK 5/5 PLUS MC NE WS	1854490000	B.185
DEK 5/5 PLUS MC NE WS	1854490000	B.186
DEK 5/5 PLUS MC NE WS	1854490000	B.187
DEK 5/5 PLUS MC NE WS	1854490000	B.188
DEK 5/5 PLUS MC NE WS	1854490000	B.189
DEK 5/5 PLUS MC NE WS	1854490000	B.190
DEK 5/5 PLUS MC NE WS	1854490000	B.191
DEK 5/5 PLUS MC NE WS	1854490000	B.192
DEK 5/5 PLUS MC NE WS	1854490000	B.193
DEK 5/5 PLUS MC NE WS	1854490000	B.274
DEK 5/5 PLUS MC NE WS	1854490000	B.275
DEK 5/5 PLUS MC NE WS	1854490000	B.278
DEK 5/5 PLUS MC NE WS	1854490000	B.279
DEK 5/5 PLUS MC NE WS	1854490000	B.280
DEK 5/5 PLUS MC NE WS	1854490000	B.285
DEK 5/6 MC NE WS	1609820000	A.190
DEK 5/6 MC NE WS	1609820000	A.191
DEK 5/6 MC NE WS	1609820000	A.197
DEK 5/6 MC NE WS	1609820000	A.198
DEK 5/6 MC NE WS	1609820000	A.213
DEK 5/6 MC NE WS	1609820000	A.214
DEK 5/6 MC NE WS	1609820000	A.215
DEK 5/6 MC NE WS	1609820000	A.221
DEK 5/6 MC NE WS	1609820000	A.222
DEK 5/6 MC NE WS	1609820000	A.227
DEK 5/6 MC NE WS	1609820000	A.228
DEK 5/6 MC NE WS	1609820000	A.233
DEK 5/6 MC NE WS	1609820000	A.246
DEK 5/6 MC NE WS	1609820000	A.254
DEK 5/6 MC NE WS	1609820000	A.256
DEK 5/6 MC NE WS	1609820000	A.259
DEK 5/6 MC NE WS	1609820000	A.281
DEK 5/6 MC NE WS	1609820000	A.302
DEK 5/6 MC NE WS	1609820000	A.303
DEK 5/6 MC NE WS	1609820000	A.304
DEK 5/6 MC NE WS	1609820000	A.324
DEK 5/6 MC NE WS	1609820000	A.325
DEK 5/6 MC NE WS	1609820000	A.332
DEK 5/6 MC NE WS	1609820000	A.333
DEK 5/6 MC NE WS	1609820000	A.334
DEK 5/6 MC NE WS	1609820000	A.341
DEK 5/6 MC NE WS	1609820000	A.359
DEK 5/6 MC NE WS	1609820000	A.375
DEK 5/6 MC NE WS	1609820000	A.376
DEK 5/6 MC NE WS	1609820000	A.377
DEK 5/6 MC NE WS	1609820000	A.380
DEK 5/6 MC NE WS	1609820000	A.390
DEK 5/6 MC NE WS	1609820000	A.398
DEK 5/6 MC NE WS	1609820000	A.434
DEK 5/6 MC NE WS	1609820000	A.435
DEK 5/6 MC NE WS	1609820000	A.436
DEK 5/6 MC NE WS	1609820000	A.437
DEK 5/6 MC NE WS	1609820000	B.130
DEK 5/6 MC NE WS	1609820000	B.131
DEK 5/6 MC NE WS	1609820000	B.132
DEK 5/6 MC NE WS	1609820000	B.133
DEK 5/6 MC NE WS	1609820000	B.234
DEK 5/6 MM WS	2007120000	A.10
DEK 5/6 MM WS	2007120000	A.11
DEK 5/6 MM WS	2007120000	A.30
DEK 5/6 MM WS	2007120000	A.31
DEK 5/6 MM WS	2007120000	A.40
DEK 5/6 MM WS	2007120000	A.44
DEK 5/6 MM WS	2007120000	A.60
DEK 5/6 MM WS	2007120000	A.61
DEK 5/6 MM WS	2007120000	A.70
DEK 5/6 MM WS	2007120000	A.71
DEK 5/6 MM WS	2007120000	A.94
DEK 5/6 MM WS	2007120000	A.95
DEK 5/6 MM WS	2007120000	A.99
DEK 5/6 MM WS	2007120000	A.100
DEK 5/6 MM WS	2007120000	A.104
DEK 5/6 MM WS	2007120000	A.107
DEK 5/6 MM WS	2007120000	A.108
DEK 5/6 MM WS	2007120000	A.109
DEK 5/6 MM WS	2007120000	A.110
DEK 5/6 MM WS	2007120000	A.111
DEK 5/6 MM WS	2007120000	A.116
DEK 5/6 MM WS	2007120000	A.118
DEK 5/6 MM WS	2007120000	A.119
DEK 5/6 MM WS	2007120000	A.121
DEK 5/6 MM WS	2007120000	A.132
DEK 5/6 MM WS	2007120000	A.133
DEK 5/6 MM WS	2007120000	A.134
DEK 5/6 MM WS	2007120000	A.135
DEK 5/6 MM WS	2007120000	A.139
DEK 5/6 MM WS	2007120000	A.190
DEK 5/6 MM WS	2007120000	A.197
DEK 5/6 MM WS	2007120000	A.198
DEK 5/6 MM WS	2007120000	A.213
DEK 5/6 MM WS	2007120000	A.214
DEK 5/6 MM WS	2007120000	A.221
DEK 5/6 MM WS	2007120000	A.222
DEK 5/6 MM WS	2007120000	A.227
DEK 5/6 MM WS	2007120000	A.228
DEK 5/6 MM WS	2007120000	A.233
DEK 5/6 MM WS	2007120000	A.256
DEK 5/6 MM WS	2007120000	A.259
DEK 5/6 MM WS	2007120000	A.281
DEK 5/6 MM WS	2007120000	A.303
DEK 5/6 MM WS	2007120000	A.304
DEK 5/6 MM WS	2007120000	A.324
DEK 5/6 MM WS	2007120000	A.332
DEK 5/6 MM WS	2007120000	A.333
DEK 5/6 MM WS	2007120000	A.334
DEK 5/6 MM WS	2007120000	A.342
DEK 5/6 MM WS	2007120000	A.343
DEK 5/6 MM WS	2007120000	A.344
DEK 5/6 MM WS	2007120000	A.345
DEK 5/6 MM WS	2007120000	A.346
DEK 5/6 MM WS	2007120000	A.359
DEK 5/6 MM WS	2007120000	A.360
DEK 5/6 MM WS	2007120000	A.361
DEK 5/6 MM WS	2007120000	A.362
DEK 5/6 MM WS	2007120000	A.370
DEK 5/6 MM WS	2007120000	A.371
DEK 5/6 MM WS	2007120000	A.372
DEK 5/6 MM WS	2007120000	A.375
DEK 5/6 MM WS	2007120000	A.376
DEK 5/6 MM WS	2007120000	A.377
DEK 5/6 MM WS	2007120000	A.384
DEK 5/6 MM WS	2007120000	A.385
DEK 5/6 MM WS	2007120000	A.386
DEK 5/6 MM WS	2007120000	A.387
DEK 5/6 MM WS	2007120000	A.390
DEK 5/6 MM WS	2007120000	A.398
DEK 5/6 MM WS	2007120000	B.117
DEK 5/6 MM WS	2007120000	B.118
DEK 5/6 MM WS	2007120000	B.121
DEK 5/6 MM WS	2007120000	B.143
DEK 5/6 MM WS	2007120000	B.144
DEK 5/6 MM WS	2007120000	B.145
DEK 5/6 MM WS	2007120000	B.146
DEK 5/6 MM WS	2007120000	B.147
DEK 5/6 MM WS	2007120000	B.148
DEK 5/6 MM WS	2007120000	B.149
DEK 5/6 MM WS	2007120000	B.150
DEK 5/6 MM WS	2007120000	B.151
DEK 5/6 MM WS	2007120000	B.152
DEK 5/6 MM WS	2007120000	B.153
DEK 5/6 MM WS	2007120000	B.154
DEK 5/6 MM WS	2007120000	B.155
DEK 5/6 MM WS	2007120000	B.156
DEK 5/6 MM WS	2007120000	B.157
DEK 5/6 MM WS	2007120000	B.158
DEK 5/6 MM WS	2007120000	B.159
DEK 5/6 MM WS	2007120000	B.188
DEK 5/6 MM WS	2007120000	B.189
DEK 5/6 MM WS	2007120000	B.275
DEK 5/6 MM WS	2007120000	B.279
DEK 5/6 MM WS	2007120000	B.280
DEK 5/6 MM WS	2007120000	B.286
DEK 5/6 PLUS MC NE WS	1011320000	A.10
DEK 5/6 PLUS MC NE WS	1011320000	A.11
DEK 5/6 PLUS MC NE WS	1011320000	A.30
DEK 5/6 PLUS MC NE WS	1011320000	A.31
DEK 5/6 PLUS MC NE WS	1011320000	A.40
DEK 5/6 PLUS MC NE WS	1011320000	A.44
DEK 5/6 PLUS MC NE WS	1011320000	A.60
DEK 5/6 PLUS MC NE WS	1011320000	A.61
DEK 5/6 PLUS MC NE WS	1011320000	A.70
DEK 5/6 PLUS MC NE WS	1011320000	A.71
DEK 5/6 PLUS MC NE WS	1011320000	A.94
DEK 5/6 PLUS MC NE WS	1011320000	A.95
DEK 5/6 PLUS MC NE WS	1011320000	A.99
DEK 5/6 PLUS MC NE WS	1011320000	A.100
DEK 5/6 PLUS MC NE WS	1011320000	A.104
DEK 5/6 PLUS MC NE WS	1011320000	A.107
DEK 5/6 PLUS MC NE WS	1011320000	A.108
DEK 5/6 PLUS MC NE WS	1011320000	A.109
DEK 5/6 PLUS MC NE WS	1011320000	A.110
DEK 5/6 PLUS MC NE WS	1011320000	A.111
DEK 5/6 PLUS MC NE WS	1011320000	A.116
DEK 5/6 PLUS MC NE WS	1011320000	A.118
DEK 5/6 PLUS MC NE WS	1011320000	A.119
DEK 5/6 PLUS MC NE WS	1011320000	A.121
DEK 5/6 PLUS MC NE WS	1011320000	A.132
DEK 5/6 PLUS MC NE WS	1011320000	A.133
DEK 5/6 PLUS MC NE WS	1011320000	A.134
DEK 5/6 PLUS MC NE WS	1011320000	A.135
DEK 5/6 PLUS MC NE WS	1011320000	A.139
DEK 5/6 PLUS MC NE WS	1011320000	A.342
DEK 5/6 PLUS MC NE WS	1011320000	A.343
DEK 5/6 PLUS MC NE WS	1011320000	A.344
DEK 5/6 PLUS MC NE WS	1011320000	A.345
DEK 5/6 PLUS MC NE WS	1011320000	A.346
DEK 5/6 PLUS MC NE WS	1011320000	A.360
DEK 5/6 PLUS MC NE WS	1011320000	A.361
DEK 5/6 PLUS MC NE WS	1011320000	A.362
DEK 5/6 PLUS MC NE WS	1011320000	A.370
DEK 5/6 PLUS MC NE WS	1011320000	A.371
DEK 5/6 PLUS MC NE WS	1011320000	A.372
DEK 5/6 PLUS MC NE WS	1011320000	A.384
DEK 5/6 PLUS MC NE WS	1011320000	A.385
DEK 5/6 PLUS MC NE WS	1011320000	A.386
DEK 5/6 PLUS MC NE WS	1011320000	A.387
DEK 5/6 PLUS MC NE WS	1011320000	B.117
DEK 5/6 PLUS MC NE WS	1011320000	B.118
DEK 5/6 PLUS MC NE WS	1011320000	B.121
DEK 5/6 PLUS MC NE WS	1011320000	B.143
DEK 5/6 PLUS MC NE WS	1011320000	B.144
DEK 5/6 PLUS MC NE WS	1011320000	B.145
DEK 5/6 PLUS MC NE WS	1011320000	B.146
DEK 5/6 PLUS MC NE WS	1011320000	B.147
DEK 5/6 PLUS MC NE WS	1011320000	B.148
DEK 5/6 PLUS MC NE WS	1011320000	B.149
DEK 5/6 PLUS MC NE WS	1011320000	B.150
DEK 5/6 PLUS MC NE WS	1011320000	B.151
DEK 5/6 PLUS MC NE WS	1011320000	B.152
DEK 5/6 PLUS MC NE WS	1011320000	B.153
DEK 5/6 PLUS MC NE WS	1011320000	B.154
DEK 5/6 PLUS MC NE WS	1011320000	B.155
DEK 5/6 PLUS MC NE WS	1011320000	B.156
DEK 5/6 PLUS MC NE WS	1011320000	B.157
DEK 5/6 PLUS MC NE WS	1011320000	B.158
DEK 5/6 PLUS MC NE WS	1011320000	B.159
DEK 5/6 PLUS MC NE WS	1011320000	B.275
DEK 5/6 PLUS MC NE WS	1011320000	B.279
DEK 5/6 PLUS MC NE WS	1011320000	B.280
DEK 5/6.5 MC NE WS	1609840000	A.378
DEK 5/6.5 MC NE WS	1609840000	A.379
DEK 5/8 MC NE WS	1856740000	A.139
DEK 5/8 MC NE WS	1856740000	A.191
DEK 5/8 MC NE WS	1856740000	A.199
DEK 5/8 MC NE WS	1856740000	A.223

Type	Order No.	Page
DEK 5/8 MC NE WS	1856740000	A.228
DEK 5/8 MC NE WS	1856740000	A.229
DEK 5/8 MC NE WS	1856740000	A.251
DEK 5/8 MC NE WS	1856740000	A.306
DEK 5/8 MC NE WS	1856740000	A.307
DEK 5/8 MC NE WS	1856740000	A.334
DEK 5/8 MC NE WS	1856740000	A.337
DEK 5/8 MC NE WS	1856740000	A.350
DEK 5/8 MC NE WS	1856740000	A.351
DEK 5/8 MC NE WS	1856740000	A.352
DEK 5/8 MC NE WS	1856740000	A.353
DEK 5/8 MC NE WS	1856740000	A.354
DEK 5/8 MC NE WS	1856740000	A.355
DEK 5/8 MC NE WS	1856740000	A.364
DEK 5/8 MC NE WS	1856740000	A.365
DEK 5/8 MC NE WS	1856740000	B.33
DEK 5/8 MC NE WS	1856740000	B.178
DEK 5/8 MC NE WS	1856740000	B.180
DEK 5/8 MC NE WS	1856740000	B.182
DEK 5/8 MC NE WS	1856740000	B.239
DEK 5/8 MC NE WS	1856740000	B.240
DEK 5/8 MC NE WS	1856740000	B.247
DEK 5/8 MM WS	2007130000	A.191
DEK 5/8 MM WS	2007130000	A.199
DEK 5/8 MM WS	2007130000	A.223
DEK 5/8 MM WS	2007130000	A.228
DEK 5/8 MM WS	2007130000	A.229
DEK 5/8 MM WS	2007130000	A.306
DEK 5/8 MM WS	2007130000	A.307
DEK 5/8 MM WS	2007130000	A.350
DEK 5/8 MM WS	2007130000	A.351
DEK 5/8 MM WS	2007130000	A.354
DEK 5/8 PLUS MC NE WS	1046350000	A.12
DEK 5/8 PLUS MC NE WS	1046350000	A.13
DEK 5/8 PLUS MC NE WS	1046350000	A.14
DEK 5/8 PLUS MC NE WS	1046350000	A.15
DEK 5/8 PLUS MC NE WS	1046350000	A.16
DEK 5/8 PLUS MC NE WS	1046350000	A.17
DEK 5/8 PLUS MC NE WS	1046350000	A.32
DEK 5/8 PLUS MC NE WS	1046350000	A.33
DEK 5/8 PLUS MC NE WS	1046350000	A.34
DEK 5/8 PLUS MC NE WS	1046350000	A.35
DEK 5/8 PLUS MC NE WS	1046350000	A.36
DEK 5/8 PLUS MC NE WS	1046350000	A.37
DEK 5/8 PLUS MC NE WS	1046350000	A.62
DEK 5/8 PLUS MC NE WS	1046350000	A.63
DEK 5/8 PLUS MC NE WS	1046350000	A.64
DEK 5/8 PLUS MC NE WS	1046350000	A.65
DEK 5/8 PLUS MC NE WS	1046350000	A.66
DEK 5/8 PLUS MC NE WS	1046350000	A.67
DEK 5/8 PLUS MC NE WS	1046350000	A.95
DEK 5/8 PLUS MC NE WS	1046350000	A.96
DEK 5/8 PLUS MC NE WS	1046350000	A.97
DEK 5/8 PLUS MC NE WS	1046350000	A.98
DEK 5/8 PLUS MC NE WS	1046350000	A.136
DEK 5/8 PLUS MC NE WS	1046350000	B.104
DEK 5/8 PLUS MC NE WS	1046350000	B.105
DEK 5/8 PLUS MC NE WS	1046350000	B.106
DEK 5/8 PLUS MC NE WS	1046350000	B.107
DEK 5/8 PLUS MC NE WS	1046350000	B.108
DEK 5/8 PLUS MC NE WS	1046350000	B.109
DEK 5/8 PLUS MC NE WS	1046350000	B.110
DEK 5/8 PLUS MC NE WS	1046350000	B.111
DEK 5/8 PLUS MC NE WS	1046350000	B.112
DEK 5/8 PLUS MC NE WS	1046350000	B.114
DEK 5/8 PLUS MC NE WS	1046350000	B.115
DEK 5/8 PLUS MC NE WS	1046350000	B.116
DEK 5/8 PLUS MC NE WS	1046350000	B.117
DEK 5/8 PLUS MC NE WS	1046350000	B.120
DEK 5/8 PLUS MC NE WS	1046350000	B.212
DEK 5/8 PLUS MC NE WS	1046350000	B.213
DEK 5/8 PLUS MC NE WS	1046350000	B.214
DEK 5/8 PLUS MC NE WS	1046350000	B.215
DEK 5/8 PLUS MC NE WS	1046350000	B.216
DEK 5/8 PLUS MC NE WS	1046350000	B.217
DEK 5/8 PLUS MC NE WS	1046350000	B.220
DEK 5/8 PLUS MC NE WS	1046350000	B.221
DEK 5/8 PLUS MC NE WS	1046350000	B.236
DEK 5/8 PLUS MC NE WS	1046350000	B.237
DEK 5/8 PLUS MC NE WS	1046350000	B.275
DEK 5/8 PLUS MC NE WS	1046350000	B.281
DEK 5/8 PLUS MC WS LRP	2770670000	B.221
DEK-A 5/8 MM WS	2448860000	A.12
DEK-A 5/8 MM WS	2448860000	A.13
DEK-A 5/8 MM WS	2448860000	A.14
DEK-A 5/8 MM WS	2448860000	A.15
DEK-A 5/8 MM WS	2448860000	A.16
DEK-A 5/8 MM WS	2448860000	A.17
DEK-A 5/8 MM WS	2448860000	A.32
DEK-A 5/8 MM WS	2448860000	A.33
DEK-A 5/8 MM WS	2448860000	A.34
DEK-A 5/8 MM WS	2448860000	A.35
DEK-A 5/8 MM WS	2448860000	A.62
DEK-A 5/8 MM WS	2448860000	A.63
DEK-A 5/8 MM WS	2448860000	A.64
DEK-A 5/8 MM WS	2448860000	A.95
DEK-A 5/8 MM WS	2448860000	A.96
DEK-A 5/8 MM WS	2448860000	A.136
DEK-A 5/8 MM WS	2448860000	B.104
DEK-A 5/8 MM WS	2448860000	B.105
DEK-A 5/8 MM WS	2448860000	B.106
DEK-A 5/8 MM WS	2448860000	B.107
DEK-A 5/8 MM WS	2448860000	B.213
DEK-A 5/8 MM WS	2448860000	B.215
DEK-A 5/8 MM WS	2448860000	B.217
DEK-A 5/8 MM WS	2448860000	B.275
DEK-A 5/8 MM WS	2448860000	B.281
DFFC .5-1.0 ZRV1.5	1705320000	A.264
DFFC 0.2-0.35 ZRV1.5	1705310000	A.264
DKSUE NSCH/ESCH	0280100000	C.4
DLA 2.5 DB	1783560000	B.132
DLA 2.5/D DB	1783590000	B.132
DLA 2.5/LD-RT DB	1783600000	B.133
DLD 2.5 DB	1784180000	B.130
DLD 2.5/PE DB	1783790000	B.130
DLI 2.5 DB	1783820000	B.131
DLI 2.5/LD-GN/NPN -⇢ DB	1783940000	B.131
DLI 2.5/LD-GN/PNP +- DB	1783970000	B.131
DLI 2.5/LD-RT/NPN -⇢ DB	1783950000	B.131
DLI 2.5/LD-RT/PNP +- DB	1783980000	B.131
DTLE 2.5/4	2910530000	A.41
DTLE 2.5/4	2910530000	A.42
DTLE 2.5/4	2910530000	A.43
DTLE 2.5/4	2910530000	A.44
DTLE 2.5/4	2910530000	A.113
DTLE 2.5/4	2910530000	A.115
DTLE 2.5/4	2910530000	A.116
DTLE 2.5/4	2910530000	A.117
DTLE 2.5/4	2910530000	A.118
DTLE 2.5/4	2910530000	A.119
DTLE 2.5/4	2910530000	A.120
DTLE 2.5/4	2910530000	A.370
DTLE 2.5/4	2910530000	A.372
DTLE 2.5/4	2910530000	A.384
DTLE 2.5/4	2910530000	A.385
DTLE 2.5/4	2910530000	A.386
DTLE 2.5/4	2910530000	A.387
DTLE 2.5/4	2910530000	B.145
DTLE 2.5/4	2910530000	B.147
DTLE 2.5/4	2910530000	B.153
DTLE 2.5/4	2910530000	B.154
DTLE 2.5/4	2910530000	B.155
DTLE 2.5/4	2910530000	B.156
E		
E 14/10A RT	0328400000	A.366
E 14/16A GR	0328500000	A.366
E 14/2A RS	0137400000	A.366
E 14/4A BR	0137500000	A.366
E 14/6A GN	0328300000	A.366
E 16/10A RT TNDZ	0208500000	A.366
E 16/16A GR TNDZ	0208600000	A.366
E 16/20A BL TNDZ	0208700000	A.366
E 16/25A GE TNDZ	0208800000	A.366
E 18/20A BL	0361300000	A.367
E 18/25A GE	0361400000	A.367
E 18/35A SW	0361500000	A.367
E 18/50A WS	0361600000	A.367
E 18/63A KU	0361700000	A.367
EBB 25-50/16	1547490000	B.272
EBB 25-50/16 AM	2756940000	B.272
EP TTB 6	2710170000	B.212
EP TTB 6	2710170000	B.213
EP TTB 6	2710170000	B.214
EP TTB 6	2710170000	B.215
EP TTB 6	2710170000	B.216
EP TTB 6	2710170000	B.217
ESCH 1 M	0280300000	C.4
ESG 6/15 K MC NE WS	1880100000	A.356
ESO 7 DIN A4 WS	1607720000	A.259
ESO 7 DIN A4 WS	1607720000	A.267
ETA 1170 21 10A	1278790000	A.247
ETA 1170 21 20A	1278820000	A.247
ETA 1170 21 25A	1278830000	A.247
ETA 1170 21 3A	1278730000	A.247
ETA 1170 21 4A	1278740000	A.247
ETA 1170 21 5A	1278750000	A.247
ETA 1170 21 6A	1278760000	A.247
ETA 1170 21 7.5A	1278770000	A.247
ETA 1170 21 8A	1278780000	A.247
ETA 1180 01 0.1A	1278840000	A.246
ETA 1180 01 0.1A	1278840000	A.248
ETA 1180 01 0.25A	1278860000	A.246
ETA 1180 01 0.25A	1278860000	A.248
ETA 1180 01 0.2A	1278850000	A.246
ETA 1180 01 0.2A	1278850000	A.248
ETA 1180 01 0.3A	1278870000	A.246
ETA 1180 01 0.3A	1278870000	A.248
ETA 1180 01 0.4A	1278880000	A.246
ETA 1180 01 0.4A	1278880000	A.248
ETA 1180 01 0.5A	1278910000	A.246
ETA 1180 01 0.5A	1278910000	A.248
ETA 1180 01 0.6A	1278920000	A.246
ETA 1180 01 0.6A	1278920000	A.248
ETA 1180 01 0.7A	1278930000	A.246
ETA 1180 01 0.7A	1278930000	A.248
ETA 1180 01 0.8A	1278940000	A.246
ETA 1180 01 0.8A	1278940000	A.248
ETA 1180 01 10A	1279070000	A.246
ETA 1180 01 10A	1279070000	A.248
ETA 1180 01 1A	1278950000	A.246
ETA 1180 01 1A	1278950000	A.248
ETA 1180 01 2.5A	1278980000	A.246
ETA 1180 01 2.5A	1278980000	A.248
ETA 1180 01 2A	1278970000	A.246
ETA 1180 01 2A	1278970000	A.248
ETA 1180 01 3.5A	1279010000	A.246
ETA 1180 01 3.5A	1279010000	A.248
ETA 1180 01 3A	1278990000	A.246
ETA 1180 01 3A	1278990000	A.248
ETA 1180 01 4A	1279020000	A.246
ETA 1180 01 4A	1279020000	A.248
ETA 1180 01 5A	1279030000	A.246
ETA 1180 01 5A	1279030000	A.248
ETA 1180 01 6A	1279040000	A.246
ETA 1180 01 6A	1279040000	A.248
ETA 1180 01 7A	1279050000	A.246
ETA 1180 01 7A	1279050000	A.248
ETA 1180 01 8A	1279060000	A.246
ETA 1180 01 8A	1279060000	A.248
ETA 1180-01-1.5A	1278960000	A.246
ETA 1180-01-1.5A	1278960000	A.248
EW 15	0382860000	A.298
EW 15	0382860000	A.300
EW 15	0382860000	A.302
EW 15	0382860000	A.320
EW 15	0382860000	A.330
EW 15	0382860000	A.331
EW 15	0382860000	A.332
EW 15	0382860000	C.15
EW 15/2	1071900000	C.15
EW 35	0383560000	A.301
EW 35	0383560000	B.130
EW 35	0383560000	B.131
EW 35	0383560000	B.132
EW 35	0383560000	B.133
EW 35	0383560000	C.15
EW 35 DB	1269050000	C.15
EW 35 GR 7032	0383530000	C.15
EWK 1	0206160000	B.238
EWK 1	0206160000	B.246
EWK 1	0206160000	C.15
EWK 2	0199360000	C.15
F		
FB 16-50	2623930000	B.272
FEKO ET ZRV2.5 0.5-1	1893970000	A.265
FEKO ET ZRV2.5 1.5-2.5	1893990000	A.265
FEKO ZRV2.5 0.5-1	1854760000	A.265
FEKO ZRV2.5 1.5-2.5	1848480000	A.265
FKSC M5X8 D9/SW2.5	0295900000	C.12
FKSC M6X12 D9/SW3	0353500000	C.12
FKSC M6X8 D9/SW3	0642600000	C.12
FM 4.2/TS35	1724580000	C.12
FM 4/TS35	0687900000	C.12
FM 5/TS35	0636800000	C.12
FM 6/TS35	0636900000	C.12
FMC 5.2/1.0 BR	2968380000	A.161
FMC 5.2/1.0 BR	2968380000	C.14
FMC 5.2/1.0 SC	2920530000	A.161
FMC 5.2/1.0 SC	2920530000	C.14
FMC 5.2/1.5 BR	2999810000	A.161
FMC 5.2/1.5 BR	2999810000	C.14
FMC 5.2/1.5 SC	2999800000	A.161
FMC 5.2/1.5 SC	2999800000	C.14
FUCR 10-36V SW	1167640000	B.164
FUCR 10-36V SW	1167640000	B.165
FUCR 10-36V SW	1167640000	B.166
FUCR 10-36V SW	1167640000	B.167
FUCR 10-36V SW	1167640000	B.168
FUCR 10-36V SW	1167640000	B.169
FUCR 10-36V SW	1167640000	B.172
FUCR 100-250V SW	1167680000	B.164
FUCR 100-250V SW	1167680000	B.165
FUCR 100-250V SW	1167680000	B.166
FUCR 100-250V SW	1167680000	B.167
FUCR 100-250V SW	1167680000	B.168
FUCR 100-250V SW	1167680000	B.169
FUCR SW	1167630000	B.164
FUCR SW	1167630000	B.165
FUCR SW	1167630000	B.166
FUCR SW	1167630000	B.167
FUCR SW	1167630000	B.168
FUCR SW	1167630000	B.169
G		
G 20/0.10A/F	0430300000	A.249
G 20/0.10A/F	0430300000	A.366
G 20/0.20A/F	0430400000	A.249
G 20/0.20A/F	0430400000	A.366
G 20/0.25A/F	0430500000	A.40
G 20/0.25A/F	0430500000	A.107
G 20/0.25A/F	0430500000	A.108
G 20/0.25A/F	0430500000	A.109
G 20/0.25A/F	0430500000	A.110
G 20/0.25A/F	0430500000	A.111
G 20/0.25A/F	0430500000	A.235
G 20/0.25A/F	0430500000	A.236
G 20/0.25A/F	0430500000	A.237
G 20/0.25A/F	0430500000	A.240
G 20/0.25A/F	0430500000	A.242
G 20/0.25A/F	0430500000	A.244
G 20/0.25A/F	0430500000	A.245
G 20/0.25A/F	0430500000	A.249
G 20/0.25A/F	0430500000	A.342
G 20/0.25A/F	0430500000	A.343
G 20/0.25A/F	0430500000	A.344
G 20/0.25A/F	0430500000	A.345
G 20/0.25A/F	0430500000	A.346
G 20/0.25A/F	0430500000	A.347
G 20/0.25A/F	0430500000	A.348
G 20/0.25A/F	0430500000	A.350
G 20/0.25A/F	0430500000	A.351
G 20/0.25A/F	0430500000	A.354
G 20/0.25A/F	0430500000	A.358
G 20/0.25A/F	0430500000	A.359
G 20/0.25A/F	0430500000	A.360
G 20/0.25A/F	0430500000	A.361
G 20/0.25A/F	0430500000	A.362
G 20/0.25A/F	0430500000	A.364
G 20/0.25A/F	0430500000	A.365
G 20/0.25A/F	0430500000	A.366
G 20/0.25A/F	0430500000	B.118
G 20/0.25A/F	0430500000	B.121
G 20/0.25A/F	0430500000	B.148
G 20/0.25A/F	0430500000	B.149
G 20/0.25A/F	0430500000	B.150
G 20/0.25A/F	0430500000	B.151
G 20/0.25A/F	0430500000	B.152
G 20/0.25A/F	0430500000	B.157
G 20/0.25A/F	0430500000	B.159
G 20/0.50A/F	0430600000	A.40
G 20/0.50A/F	0430600000	A.107
G 20/0.50A/F	0430600000	A.108
G 20/0.50A/F	0430600000	A.109
G 20/0.50A/F	0430600000	A.110
G 20/0.50A/F	0430600000	A.111
G 20/0.50A/F	0430600000	A.235
G 20/0.50A/F	0430600000	A.236
G 20/0.50A/F	0430600000	A.237
G 20/0.50A/F	0430600000	A.240
G 20/0.50A/F	0430600000	A.242
G 20/0.50A/F	0430600000	A.244
G 20/0.50A/F	0430600000	A.245
G 20/0.50A/F	0430600000	A.249
G 20/0.50A/F	0430600000	A.342
G 20/0.50A/F	0430600000	A.343
G 20/0.50A/F	0430600000	A.344
G 20/0.50A/F	0430600000	A.345
G 20/0.50A/F	0430600000	A.346
G 20/0.50A/F	0430600000	A.347
G 20/0.50A/F	0430600000	A.348
G 20/0.50A/F	0430600000	A.350
G 20/0.50A/F	0430600000	A.351
G 20/0.50A/F	0430600000	A.354
G 20/0.50A/F	0430600000	A.358
G 20/0.50A/F	0430600000	A.359
G 20/0.50A/F	0430600000	A.360
G 20/0.50A/F	0430600000	A.361
G 20/0.50A/F	0430600000	A.362
G 20/0.50A/F	0430600000	A.364
G 20/0.50A/F	0430600000	A.365
G 20/0.50A/F	0430600000	A.366
G 20/0.50A/F	0430600000	B.118
G 20/0.50A/F	0430600000	B.121
G 20/0.50A/F	0430600000	B.148
G 20/0.50A/F	0430600000	B.149
G 20/0.50A/F	0430600000	B.150
G 20/0.50A/F	0430600000	B.151
G 20/0.50A/F	0430600000	B.152
G 20/0.50A/F	0430600000	B.157
G 20/0.50A/F	0430600000	B.158
G 20/0.50A/F	0430600000	B.159
G 20/0.63A/F	0439000000	A.249
G 20/0.63A/F	0439000000	A.366
G 20/1.00A/F	0430700000	A.40
G 20/1.00A/F	0430700000	A.107
G 20/1.00A/F	0430700000	A.108
G 20/1.00A/F	0430700000	A.109
G 20/1.00A/F	0430700000	A.110
G 20/1.00A/F	0430700000	A.111
G 20/1.00A/F	0430700000	A.235
G 20/1.00A/F	0430700000	A.236
G 20/1.00A/F	0430700000	A.237
G 20/1.00A/F	0430700000	A.240
G 20/1.00A/F	0430700000	A.242
G 20/1.00A/F	0430700000	A.244
G 20/1.00A/F	0430700000	A.245
G 20/1.00A/F	0430700000	A.249
G 20/1.00A/F	0430700000	A.342
G 20/1.00A/F	0430700000	A.343
G 20/1.00A/F	0430700000	A.344

Type	Order No.	Page
G 20/1.00A/F	0430700000	A.345
G 20/1.00A/F	0430700000	A.346
G 20/1.00A/F	0430700000	A.347
G 20/1.00A/F	0430700000	A.348
G 20/1.00A/F	0430700000	A.350
G 20/1.00A/F	0430700000	A.351
G 20/1.00A/F	0430700000	A.354
G 20/1.00A/F	0430700000	A.358
G 20/1.00A/F	0430700000	A.359
G 20/1.00A/F	0430700000	A.360
G 20/1.00A/F	0430700000	A.361
G 20/1.00A/F	0430700000	A.362
G 20/1.00A/F	0430700000	A.364
G 20/1.00A/F	0430700000	A.365
G 20/1.00A/F	0430700000	A.366
G 20/1.00A/F	0430700000	B.118
G 20/1.00A/F	0430700000	B.121
G 20/1.00A/F	0430700000	B.148
G 20/1.00A/F	0430700000	B.149
G 20/1.00A/F	0430700000	B.150
G 20/1.00A/F	0430700000	B.151
G 20/1.00A/F	0430700000	B.152
G 20/1.00A/F	0430700000	B.157
G 20/1.00A/F	0430700000	B.158
G 20/1.00A/F	0430700000	B.159
G 20/1.60A/F	0430800000	A.249
G 20/1.60A/F	0430800000	A.366
G 20/2.00A/F	0430900000	A.40
G 20/2.00A/F	0430900000	A.107
G 20/2.00A/F	0430900000	A.108
G 20/2.00A/F	0430900000	A.109
G 20/2.00A/F	0430900000	A.110
G 20/2.00A/F	0430900000	A.111
G 20/2.00A/F	0430900000	A.235
G 20/2.00A/F	0430900000	A.236
G 20/2.00A/F	0430900000	A.237
G 20/2.00A/F	0430900000	A.240
G 20/2.00A/F	0430900000	A.242
G 20/2.00A/F	0430900000	A.244
G 20/2.00A/F	0430900000	A.245
G 20/2.00A/F	0430900000	A.249
G 20/2.00A/F	0430900000	A.342
G 20/2.00A/F	0430900000	A.343
G 20/2.00A/F	0430900000	A.344
G 20/2.00A/F	0430900000	A.345
G 20/2.00A/F	0430900000	A.346
G 20/2.00A/F	0430900000	A.347
G 20/2.00A/F	0430900000	A.348
G 20/2.00A/F	0430900000	A.350
G 20/2.00A/F	0430900000	A.351
G 20/2.00A/F	0430900000	A.354
G 20/2.00A/F	0430900000	A.358
G 20/2.00A/F	0430900000	A.359
G 20/2.00A/F	0430900000	A.360
G 20/2.00A/F	0430900000	A.361
G 20/2.00A/F	0430900000	A.362
G 20/2.00A/F	0430900000	A.364
G 20/2.00A/F	0430900000	A.365
G 20/2.00A/F	0430900000	A.366
G 20/2.00A/F	0430900000	B.118
G 20/2.00A/F	0430900000	B.121
G 20/2.00A/F	0430900000	B.148
G 20/2.00A/F	0430900000	B.149
G 20/2.00A/F	0430900000	B.150
G 20/2.00A/F	0430900000	B.151
G 20/2.00A/F	0430900000	B.152
G 20/2.00A/F	0430900000	B.157
G 20/2.00A/F	0430900000	B.158
G 20/2.00A/F	0430900000	B.159
G 20/2.50A/F	0431000000	A.249
G 20/2.50A/F	0431000000	A.366
G 20/3.15A/F	0431100000	A.249
G 20/3.15A/F	0431100000	A.366
G 20/4.00A/F	0431200000	A.249
G 20/4.00A/F	0431200000	A.366
G 20/5.00A/F	0431300000	A.249
G 20/5.00A/F	0431300000	A.366
G 20/6.30A/F	0431400000	A.249
G 20/6.30A/F	0431400000	A.366
G 25/0.25A/M GE	0546900000	A.249
G 25/0.25A/M GE	0546900000	A.366
G 25/0.50A/M WS	0510300000	A.237
G 25/0.50A/M WS	0510300000	A.240
G 25/0.50A/M WS	0510300000	A.245
G 25/0.50A/M WS	0510300000	A.249
G 25/0.50A/M WS	0510300000	A.366
G 25/0.80A/M GR	0646400000	A.249
G 25/0.80A/M GR	0646400000	A.366
G 25/1.00A/M RT	0265800000	A.237
G 25/1.00A/M RT	0265800000	A.240
G 25/1.00A/M RT	0265800000	A.245
G 25/1.00A/M RT	0265800000	A.249
G 25/1.00A/M RT	0265800000	A.366
G 25/10.0A/M RT	0193100000	A.249
G 25/10.0A/M RT	0193100000	A.366
G 25/2.00A/F BL	0192700000	A.237
G 25/2.00A/F BL	0192700000	A.240
G 25/2.00A/F BL	0192700000	A.245
G 25/2.00A/F BL	0192700000	A.249

Type	Order No.	Page
G 25/2.00A/F BL	0192700000	A.366
G 25/4.00A/F BR	0192800000	A.237
G 25/4.00A/F BR	0192800000	A.240
G 25/4.00A/F BR	0192800000	A.245
G 25/4.00A/F BR	0192800000	A.249
G 25/4.00A/F BR	0192800000	A.366
G 25/6.30A/F GN	0192900000	A.249
G 25/6.30A/F GN	0192900000	A.366
GHDE ZPS2.5/1AN	1866070000	A.271
GWHUE M3 WTL6	1255010000	B.244
GWHUE M3 WTL6	1255010000	B.245
GZ 0.5A/F	1460580000	A.109
GZ 0.5A/F	1460580000	A.249
GZ 0.5A/F	1460580000	A.366
GZ 1.0A/F	1460590000	A.109
GZ 1.0A/F	1460590000	A.249
GZ 1.0A/F	1460590000	A.366
GZ 10.0A/F	1460640000	A.249
GZ 10.0A/F	1460640000	A.366
GZ 12.5A/F	1460650000	A.249
GZ 12.5A/F	1460650000	A.366
GZ 2.0A/F	1460600000	A.109
GZ 2.0A/F	1460600000	A.249
GZ 2.0A/F	1460600000	A.366
GZ 3.0A/F	1460610000	A.249
GZ 3.0A/F	1460610000	A.366
GZ 5.0A/F	1460620000	A.249
GZ 5.0A/F	1460620000	A.366
GZ 7.0A/F	1460630000	A.249
GZ 7.0A/F	1460630000	A.366

H

HA ADP WF6/WF10	1781050000	A.434
HA ADP WF6/WF10	1781050000	A.435
HA ADP WF6/WF10	1781050000	A.436
HA ADP WF6/WF10	1781050000	A.437
HA ADP WF6/WF10	1781050000	A.438
HA ADP WF6/WF10	1781050000	A.439
HBT 1,5 - 3,0 RT	1312440000	A.305
HBT 1,5 - 3,0 RT	1312440000	A.359
HBT 1,5 - 3,0 RT	1312440000	A.375
HBT 1,5 - 3,0 RT	1312440000	A.376
HBT 1,5 - 3,0 RT	1312440000	A.377
HBT 1,5 - 4,6 RT	1233340000	A.307
HBT 1,5 - 4,6 RT	1233340000	A.309
HBT 1,5 - 4,6 RT	1233340000	B.245
HBT 2,5 - 3,0 BL	1312450000	A.305
HBT 2,5 - 3,0 BL	1312450000	A.359
HBT 2,5 - 3,0 BL	1312450000	A.375
HBT 2,5 - 3,0 BL	1312450000	A.376
HBT 2,5 - 3,0 BL	1312450000	A.377
HBT 2,5 - 4,6 BL	1233330000	A.307
HBT 2,5 - 4,6 BL	1233330000	A.309
HBT 2,5 - 4,6 BL	1233330000	B.245
HBT 6,0 - 4,6 GE	1216230000	A.307
HBT 6,0 - 4,6 GE	1216230000	A.309
HBT 6,0 - 4,6 GE	1216230000	B.245
HP 1 ADP1	0485560000	C.18
HP 2 ADP2	0485660000	C.18
HP 3 ADP3	0485760000	C.18
HP 4 ADP3	0485860000	C.18
HTF AFK 2.5	9201040000	A.265
HTF ZRV	9014840000	A.264
HTTB 6	2710110000	B.217
HTTB 6 PE	2710120000	B.217
HTTB 6 PE	2710120000	B.223

I

IL WMF2.5 BLZ OR	1167440000	B.172
ISPF QB58 SW	0546000000	B.236
ISPF QB58 SW	0546000000	B.237
ISPF QB58 SW	0546000000	B.238

J

JB 25-50	1547500000	B.272
JB 25-50 TH	2762660000	B.272

K

KDKS 1/35 DB	9532440000	A.364
KDKS 1EN/LLC 10-36V AC/DC	9802720001	A.364
KDKS 1EN/LLC 100-250V AC/DC	9915820001	A.364
KDKS 1EN/LLC 30-70V AC/DC	9908510001	A.364
KDKS 1PE/LLC 10-36V AC/DC	1518300000	A.365
KDKS 1PE/LLC 100-250V AC/DC	1518370000	A.365
KDKS 1PE/LLC 30-70V AC/DC	1518330000	A.365
KDKS 1PE/LLC 60-150V AC/DC	1518340000	A.365
KISC M3X20 SAK10 CU5	0377100000	A.354
KISC M3X5	1052100000	A.350
KISC M3X5	1052100000	A.351
KISC M3X5	1052100000	A.352
KISC M3X5	1052100000	A.353
KISC M3X5	1052100000	A.355
KLBUE 10-20	1600490000	B.258
KLBUE 10-20 CPF	1752701001	B.260
KLBUE 10-20 FM4	1252510000	B.261

Type	Order No.	Page
KLBUE 10-20 RC TS27	1403050000	B.267
KLBUE 10-20 RC TS35	1403080000	B.269
KLBUE 10-20 SC	1712321001	B.259
KLBUE 15-32	1716300000	B.258
KLBUE 15-32 CPF	1752711001	B.260
KLBUE 15-32 FM4	1252490000	B.261
KLBUE 15-32 SC	1718341001	B.259
KLBUE 2X2-6	1675350000	B.258
KLBUE 3-8	1600480000	B.258
KLBUE 3-8 CPF	1752681001	B.260
KLBUE 3-8 FM4	1252530000	B.261
KLBUE 3-8 RC TS27	1403070000	B.268
KLBUE 3-8 RC TS35	1402830000	B.268
KLBUE 3-8 SC	1692261001	B.259
KLBUE 4-13.5	1592810000	B.258
KLBUE 4-13.5 CPF	1752691001	B.260
KLBUE 4-13.5 FM4	1252520000	B.261
KLBUE 4-13.5 RC TS27	1403060000	B.267
KLBUE 4-13.5 RC TS35	1403090000	B.269
KLBUE 4-13.5 SC	1712311001	B.259
KLBUE 4-6 Z/1	2269800000	B.262
KLBUE CO 1	1753311001	B.257
KLBUE CO 2	1752131001	B.257
KLBUE CO 3	1749151001	B.257
KLBUE CO 4	1749161001	B.257
KLBUE CO 5	1755081001	B.257
KLBUE SH1	0635960000	C.4
KOSF ZT2.5	1816150000	A.254
KOSF ZT2.5	1816150000	A.255
KOSF ZT2.5	1816150000	A.257
KOSF ZT2.5	1816150000	A.258
KOSF ZT2.5	1816150000	A.260
KOSF ZT2.5	1816150000	A.261
KOSF ZT2.5	1816150000	A.262
KOSF ZT2.5	1816150000	A.271
KOSF ZT4	1856860000	A.256
KOSF ZT4	1856860000	A.259
KOSF ZT4	1856860000	A.271
KOSF ZT4	1856860000	A.390
KOSF ZT4	1856860000	A.392

L

L-BOXX 102 CASE EMPTY WITH 5 TRAYS	2941370000	B.197
L-BOXX 102 KC AITB INSTA 1	2938390000	B.197
LL TTB 6/1	2710230000	B.212
LL TTB 6/1	2710230000	B.213
LL TTB 6/1	2710230000	B.214
LL TTB 6/1	2710230000	B.215
LL TTB 6/1	2710230000	B.216
LL TTB 6/1	2710230000	B.217
LL TTB 6/1	2710230000	B.220
LL TTB 6/1	2710230000	B.221
LL TTB 6/1	2710230000	B.222
LL TTB 6/2	2710300000	B.212
LL TTB 6/2	2710300000	B.213
LL TTB 6/2	2710300000	B.214
LL TTB 6/2	2710300000	B.215
LL TTB 6/2	2710300000	B.216
LL TTB 6/2	2710300000	B.217
LL TTB 6/2	2710300000	B.220
LL TTB 6/2	2710300000	B.221
LL TTB 6/2	2710300000	B.222
LL TTB 6/2 CM	2710370000	B.212
LL TTB 6/2 CM	2710370000	B.213
LL TTB 6/2 CM	2710370000	B.214
LL TTB 6/2 CM	2710370000	B.215
LL TTB 6/2 CM	2710370000	B.216
LL TTB 6/2 CM	2710370000	B.217
LL TTB 6/2 CM	2710370000	B.220
LL TTB 6/2 CM	2710370000	B.221
LL TTB 6/2 CM	2710370000	B.222
LL TTB 6/3	2710440000	B.212
LL TTB 6/3	2710440000	B.214
LL TTB 6/3	2710440000	B.216
LL TTB 6/3	2710440000	B.220
LL TTB 6/3	2710440000	B.222
LL TTB 6/3 CM	2726100000	B.212
LL TTB 6/3 CM	2726100000	B.214
LL TTB 6/3 CM	2726100000	B.216
LL TTB 6/3 CM	2726100000	B.220
LL TTB 6/3 CM	2726100000	B.222
LL TTB 6/4	2710450000	B.212
LL TTB 6/4	2710450000	B.214
LL TTB 6/4	2710450000	B.216
LL TTB 6/4	2710450000	B.220
LL TTB 6/4	2710450000	B.222
LL TTB 6/4 CM	2726110000	B.212
LL TTB 6/4 CM	2726110000	B.214
LL TTB 6/4 CM	2726110000	B.216
LL TTB 6/4 CM	2726110000	B.220
LL TTB 6/4 CM	2726110000	B.222
LL TTB 6/6	2710460000	B.212
LL TTB 6/6	2710460000	B.214
LL TTB 6/6	2710460000	B.216
LL TTB 6/6	2710460000	B.220
LL TTB 6/6	2710460000	B.222
LS 2.8 WDU2.5-10	1056400000	A.399

Type	Order No.	Page

M

MAK 2.5 DB	7917030000	A.329
MAK 2.5 DB	7917030000	B.99
MARKO-C. 25X25X25 B/DR.	1700530001	A.447
MARKO-C. 50X50X50 B/DR.	1700540001	A.447
MB M3/M5 CRM	0503500000	C.12
MB M5/M3 SW	0553400000	C.12
MB M6/M4 GR	0334900000	C.12
MCV APG 1.5	2485980000	A.138
MCV APG 1.5	2485980000	A.140
MCV APG 1.5	2485980000	A.142
MCV APG 2.5	2035590000	A.51
MCV APG 2.5	2035590000	A.138
MCV APG 2.5	2035590000	A.140
MCV APG 2.5	2035590000	A.142
MCV APG 4	2540800000	A.139
MCV APG 4	2540800000	A.142
MCV SPG 2.5	3032900000	A.52
MEW 1/32	0445600000	C.15
MEW 35/1	1805610000	C.15
MF 10/8 MM WS	2519190000	A.109
MK 2/12	0241260000	A.404
MK 3/10	0274620000	A.404
MK 3/12	0243520000	A.404
MK 3/12/E	7906210000	A.408
MK 3/2	0273820000	A.404
MK 3/2/E	7906110000	A.408
MK 3/3	0273920000	A.404
MK 3/3/E	7906120000	A.408
MK 3/4	0274020000	A.404
MK 3/4/E	7906130000	A.408
MK 3/5	0274120000	A.404
MK 3/6	0274220000	A.404
MK 3/6/E	7906150000	A.408
MK 3/7	0274320000	A.404
MK 3/8	0274420000	A.404
MK 3/8/E	7906170000	A.408
MK 4/16	0244220000	A.405
MK 5/2 O.DE	0243820000	A.406
MK 6/2	0620420000	A.405
MK 6/2/E	7906220000	A.409
MK 6/3	0620320000	A.405
MK 6/3/E	7906230000	A.409
MK 6/4	0620220000	A.405
MK 6/4/E	7906240000	A.409
MK 6/5/E	7906250000	A.409
MK 6/6	0620120000	A.405
MK 6/6/E	7906260000	A.409
MOFU 15/35 ZDUB	1723660000	A.181
MOFU 15/35 ZPS2.5	1899170000	A.273
MOFU 35	0495660000	C.12
MOFU 35/LO/1	0646260000	C.12
MOFU 35/LO/1 SW	0646210000	C.12

N

NSCH 1M	0280200000	C.4
NSCH 2M	1313600000	C.4

P

P 14/10 D01 RT SAKS4	0328700000	A.367
P 14/2 D01 RS SAKS4	0138000000	A.367
P 14/4 D01 BR SAKS4	0138100000	A.367
P 14/6 D01 GN SAKS4	0328600000	A.367
P 18/20 D02 BL SAKS5	0361800000	A.367
P 18/25 D02 GE SAKS5	0361900000	A.367
P 18/35 D02 SW SAKS5	0362000000	A.367
P 18/50 D02 SI SAKS5	0362100000	A.367
PAP PRV/PPV4 BL	1268010000	B.160
PAP PRV/PPV4 BL	1268010000	B.163
PAP PRV/PPV4 BL	1268010000	B.172
PAP PRV/PPV4 GR	1211450000	B.160
PAP PRV/PPV4 GR	1211450000	B.163
PAP PRV/PPV4 GR	1211450000	B.172
PAP PRV/PPV4 SW	1173750000	B.160
PAP PRV/PPV4 SW	1173750000	B.163
PAP PRV/PPV4 SW	1173750000	B.172
PAP PRV/PPV8 BL	1268000000	B.161
PAP PRV/PPV8 BL	1268000000	B.163
PAP PRV/PPV8 GR	1211460000	B.161
PAP PRV/PPV8 GR	1211460000	B.163
PAP PRV/PPV8 GR	1211460000	B.172
PAP PRV/PPV8 SW	1173720000	B.161
PAP PRV/PPV8 SW	1173720000	B.163
PAP PRV/PPV8 SW	1173720000	B.172
PPV 4 BL 35X15 DGR	1267910000	B.163
PPV 4 BL 35X7.5 DGR	1267920000	B.163
PPV 4 GR 35X15 DGR	1173880000	B.163
PPV 4 GR 35X7.5 DGR	1173890000	B.163
PPV 4 OR 35X15 DGR	1301610000	B.163
PPV 4 OR 35X7.5 DGR	1301630000	B.163
PPV 8 BL 35X15 DGR	1267870000	B.163
PPV 8 BL 35X7.5 DGR	1267880000	B.163
PPV 8 GR 35X15 DGR	1173850000	B.163
PPV 8 GR 35X7.5 DGR	1173870000	B.163
PPV 8 OR 35X15 DGR	1301620000	B.163
PPV 8 OR 35X7.5 DGR	1301640000	B.163

Type	Order No.	Page
PRV 16 BL 35X15 RT/WS	1267790000	B.162
PRV 16 BL 35X15 WS/RT	1267800000	B.162
PRV 16 BL 35X7.5 RT/WS	1267810000	B.162
PRV 16 BL 35X7.5 WS/RT	1267820000	B.162
PRV 16 SW 35X15 RT/WS	1173620000	B.162
PRV 16 SW 35X15 WS/RT	1173650000	B.162
PRV 16 SW 35X7.5 RT/WS	1173680000	B.162
PRV 16 SW 35X7.5 WS/RT	1173710000	B.162
PRV 4 BL 35X15 RT	1267890000	B.160
PRV 4 BL 35X15 WS	1173920000	B.160
PRV 4 BL 35X7.5 RT	1267900000	B.160
PRV 4 BL 35X7.5 WS	1173930000	B.160
PRV 4 SW 35X15 RT	1173810000	B.160
PRV 4 SW 35X15 WS	1173820000	B.160
PRV 4 SW 35X7.5 RT	1173830000	B.160
PRV 4 SW 35X7.5 WS	1173840000	B.160
PRV 8 BL 35X15 RT/WS	1267830000	B.161
PRV 8 BL 35X15 WS/RT	1173900000	B.161
PRV 8 BL 35X7.5 RT/WS	1267840000	B.161
PRV 8 BL 35X7.5 WS/RT	1173910000	B.161
PRV 8 SW 35X15 RT/WS	1173740000	B.161
PRV 8 SW 35X15 WS/RT	1173780000	B.161
PRV 8 SW 35X7.5 RT/WS	1173790000	B.161
PRV 8 SW 35X7.5 WS/RT	1173800000	B.161
PS 2.0 MC	0310000000	A.6
PS 2.0 MC	0310000000	A.7
PS 2.0 MC	0310000000	A.8
PS 2.0 MC	0310000000	A.9
PS 2.0 MC	0310000000	A.10
PS 2.0 MC	0310000000	A.11
PS 2.0 MC	0310000000	A.12
PS 2.0 MC	0310000000	A.13
PS 2.0 MC	0310000000	A.14
PS 2.0 MC	0310000000	A.15
PS 2.0 MC	0310000000	A.16
PS 2.0 MC	0310000000	A.17
PS 2.0 MC	0310000000	A.18
PS 2.0 MC	0310000000	A.19
PS 2.0 MC	0310000000	A.20
PS 2.0 MC	0310000000	A.21
PS 2.0 MC	0310000000	A.22
PS 2.0 MC	0310000000	A.23
PS 2.0 MC	0310000000	A.24
PS 2.0 MC	0310000000	A.25
PS 2.0 MC	0310000000	A.26
PS 2.0 MC	0310000000	A.27
PS 2.0 MC	0310000000	A.28
PS 2.0 MC	0310000000	A.29
PS 2.0 MC	0310000000	A.30
PS 2.0 MC	0310000000	A.31
PS 2.0 MC	0310000000	A.32
PS 2.0 MC	0310000000	A.33
PS 2.0 MC	0310000000	A.34
PS 2.0 MC	0310000000	A.35
PS 2.0 MC	0310000000	A.36
PS 2.0 MC	0310000000	A.37
PS 2.0 MC	0310000000	A.38
PS 2.0 MC	0310000000	A.39
PS 2.0 MC	0310000000	A.40
PS 2.0 MC	0310000000	A.41
PS 2.0 MC	0310000000	A.42
PS 2.0 MC	0310000000	A.43
PS 2.0 MC	0310000000	A.44
PS 2.0 MC	0310000000	A.58
PS 2.0 MC	0310000000	A.59
PS 2.0 MC	0310000000	A.60
PS 2.0 MC	0310000000	A.61
PS 2.0 MC	0310000000	A.62
PS 2.0 MC	0310000000	A.63
PS 2.0 MC	0310000000	A.64
PS 2.0 MC	0310000000	A.65
PS 2.0 MC	0310000000	A.66
PS 2.0 MC	0310000000	A.67
PS 2.0 MC	0310000000	A.68
PS 2.0 MC	0310000000	A.69
PS 2.0 MC	0310000000	A.70
PS 2.0 MC	0310000000	A.71
PS 2.0 MC	0310000000	A.72
PS 2.0 MC	0310000000	A.73
PS 2.0 MC	0310000000	A.74
PS 2.0 MC	0310000000	A.75
PS 2.0 MC	0310000000	A.76
PS 2.0 MC	0310000000	A.77
PS 2.0 MC	0310000000	A.78
PS 2.0 MC	0310000000	A.79
PS 2.0 MC	0310000000	A.80
PS 2.0 MC	0310000000	A.81
PS 2.0 MC	0310000000	A.82
PS 2.0 MC	0310000000	A.83
PS 2.0 MC	0310000000	A.84
PS 2.0 MC	0310000000	A.85
PS 2.0 MC	0310000000	A.86
PS 2.0 MC	0310000000	A.87
PS 2.0 MC	0310000000	A.88
PS 2.0 MC	0310000000	A.89
PS 2.0 MC	0310000000	A.90
PS 2.0 MC	0310000000	A.92
PS 2.0 MC	0310000000	A.93
PS 2.0 MC	0310000000	A.94

Type	Order No.	Page
PS 2.0 MC	0310000000	A.95
PS 2.0 MC	0310000000	A.96
PS 2.0 MC	0310000000	A.97
PS 2.0 MC	0310000000	A.98
PS 2.0 MC	0310000000	A.99
PS 2.0 MC	0310000000	A.100
PS 2.0 MC	0310000000	A.101
PS 2.0 MC	0310000000	A.102
PS 2.0 MC	0310000000	A.103
PS 2.0 MC	0310000000	A.104
PS 2.0 MC	0310000000	A.105
PS 2.0 MC	0310000000	A.106
PS 2.0 MC	0310000000	A.107
PS 2.0 MC	0310000000	A.108
PS 2.0 MC	0310000000	A.109
PS 2.0 MC	0310000000	A.110
PS 2.0 MC	0310000000	A.111
PS 2.0 MC	0310000000	A.112
PS 2.0 MC	0310000000	A.113
PS 2.0 MC	0310000000	A.114
PS 2.0 MC	0310000000	A.115
PS 2.0 MC	0310000000	A.116
PS 2.0 MC	0310000000	A.117
PS 2.0 MC	0310000000	A.118
PS 2.0 MC	0310000000	A.119
PS 2.0 MC	0310000000	A.146
PS 2.0 MC	0310000000	A.147
PS 2.0 MC	0310000000	A.148
PS 2.0 MC	0310000000	A.149
PS 2.0 MC	0310000000	A.150
PS 2.0 MC	0310000000	A.160
PS 2.0 MC	0310000000	B.8
PS 2.0 MC	0310000000	B.9
PS 2.0 MC	0310000000	B.10
PS 2.0 MC	0310000000	B.11
PS 2.0 MC	0310000000	B.12
PS 2.0 MC	0310000000	B.16
PS 2.0 MC	0310000000	B.17
PS 2.0 MC	0310000000	B.18
PS 2.0 MC	0310000000	B.19
PS 2.0 MC	0310000000	B.20
PS 2.0 MC	0310000000	B.21
PS 2.0 MC	0310000000	B.24
PS 2.0 MC	0310000000	B.54
PS 2.0 MC	0310000000	B.96
PS 2.0 MC	0310000000	B.104
PS 2.0 MC	0310000000	B.105
PS 2.0 MC	0310000000	B.106
PS 2.0 MC	0310000000	B.107
PS 2.0 MC	0310000000	B.110
PS 2.0 MC	0310000000	B.111
PS 2.0 MC	0310000000	B.112
PS 2.0 MC	0310000000	B.116
PS 2.0 MC	0310000000	B.117
PS 2.0 MC	0310000000	B.118
PS 2.0 MC	0310000000	B.120
PS 2.0 MC	0310000000	B.124
PS 2.0 MC	0310000000	B.125
PS 2.0 MC	0310000000	B.178
PS 2.0 MC	0310000000	B.179
PS 2.0 MC	0310000000	B.180
PS 2.0 MC	0310000000	B.181
PS 2.0 MC	0310000000	B.182
PS 2.0 MC	0310000000	B.183
PS 2.0 MC	0310000000	B.184
PS 2.0 MC	0310000000	B.185
PS 2.0 MC	0310000000	B.186
PS 2.0 MC	0310000000	B.187
PS 2.0 MC	0310000000	B.188
PS 2.0 MC	0310000000	B.189
PS 2.0 MC	0310000000	B.207
PS 2.0 MC	0310000000	B.274
PS 2.0 MC	0310000000	B.275
PS 2.0 MC	0310000000	B.278
PS 2.0 MC	0310000000	B.279
PS 2.0 MC	0310000000	B.280
PS 2.0 MC	0310000000	B.281
PS 2.0 MC	0310000000	B.282
PS 2.0 MC	0310000000	B.283
PS 2.0 MC	0310000000	B.284
PS 2.0 MC	0310000000	B.285
PS 2.0 OR	0293800000	A.291
PS 2.3 RT	0180400000	A.109
PS 2.3 RT	0180400000	A.192
PS 2.3 RT	0180400000	A.193
PS 2.3 RT	0180400000	A.250
PS 2.3 RT	0180400000	A.251
PS 2.3 RT	0180400000	A.252
PS 2.3 RT	0180400000	A.263
PS 2.3 RT	0180400000	A.291
PS 2.3 RT	0180400000	A.298
PS 2.3 RT	0180400000	A.300
PS 2.3 RT	0180400000	A.302
PS 2.3 RT	0180400000	A.368
PS 2.3 RT	0180400000	A.373
PS 2.3 RT	0180400000	A.374
PS 2.3 RT	0180400000	A.375
PS 2.3 RT	0180400000	A.376
PS 2.3 RT	0180400000	A.382

Type	Order No.	Page
PS 2.3 RT	0180400000	A.383
PS 2.3 RT	0180400000	B.234
PS 4 F.STB 4	0299600000	B.236
PS 4 F.STB 4	0299600000	B.247
PS_ZQV	1121740000	A.292
PS_ZQV_SET	1116710000	A.292

Q

Type	Order No.	Page
Q 10 AKZ1.5	0368500000	A.298
Q 10 AKZ1.5	0368500000	A.300
Q 10 AKZ1.5	0368500000	A.418
Q 10 AKZ4	0368600000	A.302
Q 10 AKZ4	0368600000	A.418
Q 10 DLI	1313100000	A.418
Q 10 DLI	1313100000	B.130
Q 10 DLI	1313100000	B.131
Q 10 DLI	1313100000	B.132
Q 10 DLI	1313100000	B.133
Q 10 WDL2.5S	1071800000	A.418
Q 10 WDL2.5S	1071800000	B.202
Q 10 WDL2.5S	1071800000	B.203
Q 10 WDL2.5S	1071800000	B.204
Q 10 WDL2.5S	1071800000	B.205
Q 2 AKZ1.5	0368200000	A.298
Q 2 AKZ1.5	0368200000	A.300
Q 2 AKZ1.5	0368200000	A.418
Q 2 AKZ4	0336400000	A.302
Q 2 AKZ4	0336400000	A.418
Q 2 DLI	1312500000	A.418
Q 2 DLI	1312500000	B.130
Q 2 DLI	1312500000	B.131
Q 2 DLI	1312500000	B.132
Q 2 DLI	1312500000	B.133
Q 2 WDL2.5S	1071500000	A.418
Q 2 WDL2.5S	1071500000	B.202
Q 2 WDL2.5S	1071500000	B.203
Q 2 WDL2.5S	1071500000	B.204
Q 2 WDL2.5S	1071500000	B.205
Q 20 DLI	1399800000	A.418
Q 20 WDL2.5S	1074200000	A.418
Q 20 WDL2.5S	1074200000	B.202
Q 20 WDL2.5S	1074200000	B.203
Q 20 WDL2.5S	1074200000	B.204
Q 20 WDL2.5S	1074200000	B.205
Q 3 AKZ1.5	0368300000	A.418
Q 3 AKZ4	0336500000	A.418
Q 3 DLI	1312600000	A.418
Q 3 DLI	1312600000	B.130
Q 3 DLI	1312600000	B.131
Q 3 DLI	1312600000	B.132
Q 3 DLI	1312600000	B.133
Q 3 WDL2.5S	1071600000	A.418
Q 3 WDL2.5S	1071600000	B.202
Q 3 WDL2.5S	1071600000	B.203
Q 3 WDL2.5S	1071600000	B.204
Q 3 WDL2.5S	1071600000	B.205
Q 4 AKZ1.5	0368400000	A.418
Q 4 AKZ4	0336600000	A.418
Q 4 DLI	1312700000	A.418
Q 4 DLI	1312700000	B.130
Q 4 DLI	1312700000	B.131
Q 4 DLI	1312700000	B.132
Q 4 DLI	1312700000	B.133
Q 4 WDL2.5S	1071700000	A.418
Q 4 WDL2.5S	1071700000	B.202
Q 4 WDL2.5S	1071700000	B.203
Q 4 WDL2.5S	1071700000	B.204
Q 4 WDL2.5S	1071700000	B.205
Q WDU10-2.5 SET	1859620000	A.419
Q WDU10-4 SET	1859610000	A.420
Q WDU6-2.5 SET	1859600000	A.419
QB 58/8/15	0545400000	B.236
QB 58/8/15	0545400000	B.237
QB 58/8/9/WI	0545300000	B.236
QB 58/8/9/WI	0545300000	B.237
QB 58/8/9/WI	0545300000	B.238
QL 10 SAK16	0471000000	A.352
QL 10 SAK16	0471000000	A.353
QL 10 SAK16	0471000000	A.355
QL 10 SAK6N	0338300000	A.350
QL 10 SAK6N	0338300000	A.351
QL 10 SAK6N	0338300000	A.354
QL 2 SAK16	0470700000	A.352
QL 2 SAK16	0470700000	A.353
QL 2 SAK16	0470700000	A.355
QL 2 SAK6N	0194300000	A.350
QL 2 SAK6N	0194300000	A.351
QL 2 SAK6N	0194300000	A.354
QS 2/10/4	0270860000	B.243
QS 2/12/4	0270760000	B.243
QS 2/8/4	0270960000	B.237
QS 2/8/4	0270960000	B.243
QVS 2/4 SAKT4	1319260000	B.234

R

Type	Order No.	Page
RAHE LN WDT1.5	1865410000	A.378
RAHE LN WDT1.5	1865410000	A.379
RAILASSEMBLER	2738690000	A.155
RAILASSEMBLER + RAILCUTTER	2994740000	A.157
RAILASSEMBLER + RAILCUTTER US VERSION	2994750000	A.157
RAILCUTTER RETROFIT	2994760000	A.157
RAILCUTTER STANDALONE US VERSION	2994780000	A.157
RAILLASER	2705010000	A.158
REMOVAL TOOL AFK	1866760000	A.265

S

Type	Order No.	Page
S2C 1.5	2986540000	A.6
S2C 1.5 BL	2986550000	A.6
S2C 1.5 OR	2986560000	A.6
S2C 1.5 PE	2986570000	A.26
S2C 2.5	2674530000	A.8
S2C 2.5	2674530000	A.54
S2C 2.5 BK	3109160000	A.54
S2C 2.5 BL	2753940000	A.8
S2C 2.5 BL	2753940000	A.54
S2C 2.5 BR	3109170000	A.54
S2C 2.5 GN	3109180000	A.54
S2C 2.5 GY	3112230000	A.54
S2C 2.5 OR	2875120000	A.8
S2C 2.5 OR	2875120000	A.54
S2C 2.5 PE	2674560000	A.28
S2C 2.5 RD	3109200000	A.54
S2C 2.5 VT	3109210000	A.54
S2C 2.5 WT	3109220000	A.54
S2C 2.5 YL	3109230000	A.54
S2C 4	2874820000	A.10
S2C 4	2874820000	A.54
S2C 4 BK	3109400000	A.54
S2C 4 BL	2874830000	A.10
S2C 4 BL	2874830000	A.54
S2C 4 BR	3109410000	A.54
S2C 4 GN	3109420000	A.54
S2C 4 GY	3112260000	A.54
S2C 4 OR	3023540000	A.10
S2C 4 OR	3023540000	A.54
S2C 4 PE	2874880000	A.30
S2C 4 RD	3109440000	A.54
S2C 4 VT	3109450000	A.54
S2C 4 WT	3109460000	A.54
S2C 4 YL	3109470000	A.54
S2C 6	2935540000	A.12
S2C 6 BL	2935550000	A.12
S2C 6 OR	2935560000	A.12
S2C 6 PE	2935630000	A.32
S2T 2.5	2902380000	A.18
S2T 2.5 6C	3093170000	A.20
S2T 2.5 6C BL	3093200000	A.20
S2T 2.5 6C FT-PE	3093240000	A.21
S2T 2.5 6C PE	3093250000	A.38
S2T 2.5 6C VL	3093210000	A.20
S2T 2.5 6C VL BL	3093230000	A.20
S2T 2.5 8C	3093100000	A.22
S2T 2.5 8C BL	3093110000	A.22
S2T 2.5 8C FT-PE	3093150000	A.23
S2T 2.5 8C PE	3093160000	A.39
S2T 2.5 8C VL	3093120000	A.22
S2T 2.5 8C VL BL	3093130000	A.22
S2T 2.5 BL	2902390000	A.18
S2T 2.5 FT-PE	2902410000	A.19
S2T 2.5 OR	2902400000	A.18
S2T 2.5 PE	2902460000	A.38
S2T 2.5 VL	2902430000	A.18
S2T 2.5 VL BL	2902440000	A.18
S2T 2.5 VL OR	2902450000	A.18
S3C 1.5	2986580000	A.6
S3C 1.5 BL	2986590000	A.6
S3C 1.5 OR	2986600000	A.6
S3C 1.5 PE	2986610000	A.26
S3C 2.5	2674540000	A.8
S3C 2.5	2674540000	A.54
S3C 2.5 BK	3109240000	A.54
S3C 2.5 BL	2753950000	A.8
S3C 2.5 BL	2753950000	A.54
S3C 2.5 BR	3109250000	A.54
S3C 2.5 GN	3109260000	A.54
S3C 2.5 GY	3112240000	A.54
S3C 2.5 OR	2875130000	A.8
S3C 2.5 OR	2875130000	A.54
S3C 2.5 PE	2674570000	A.28
S3C 2.5 RD	3109280000	A.54
S3C 2.5 VT	3109290000	A.54
S3C 2.5 WT	3109300000	A.54
S3C 2.5 YL	3109310000	A.54
S3C 4	2874840000	A.10
S3C 4	2874840000	A.54
S3C 4 BK	3109480000	A.54
S3C 4 BL	2874850000	A.10
S3C 4 BL	2874850000	A.54
S3C 4 BR	3109490000	A.54
S3C 4 GN	3109500000	A.54
S3C 4 GY	3112270000	A.54
S3C 4 OR	3023550000	A.10
S3C 4 OR	3023550000	A.54
S3C 4 PE	2874890000	A.30
S3C 4 RD	3109520000	A.54

Type	Order No.	Page
S3C 4 VT	3109530000	A.54
S3C 4 WT	3109540000	A.54
S3C 4 YL	3109550000	A.54
S3C 6	2935570000	A.12
S3C 6 BL	2935580000	A.12
S3C 6 OR	2935590000	A.12
S3C 6 PE	2935640000	A.32
S3T 2.5	2902530000	A.24
S3T 2.5 BL	2902540000	A.24
S3T 2.5 FT-FT-PE	2902550000	A.25
S3T 2.5 N-FT-PE	2902560000	A.25
S3T 2.5 PE	2902590000	A.39
S3T 2.5 VL	2902570000	A.24
S3T 2.5 VL BL	2902580000	A.24
S4C 1.5	2986620000	A.7
S4C 1.5 BL	2986630000	A.7
S4C 1.5 OR	2986640000	A.7
S4C 1.5 PE	2986650000	A.27
S4C 2.5	2674550000	A.9
S4C 2.5	2674550000	A.54
S4C 2.5 BK	3109320000	A.54
S4C 2.5 BL	2753960000	A.9
S4C 2.5 BL	2753960000	A.54
S4C 2.5 BR	3109330000	A.54
S4C 2.5 GN	3109340000	A.54
S4C 2.5 GY	3112250000	A.54
S4C 2.5 OR	2875140000	A.9
S4C 2.5 OR	2875140000	A.54
S4C 2.5 PE	2674580000	A.29
S4C 2.5 RD	3109360000	A.54
S4C 2.5 VT	3109370000	A.54
S4C 2.5 WT	3109380000	A.54
S4C 2.5 YL	3109390000	A.54
S4C 4	2874860000	A.11
S4C 4	2874860000	A.54
S4C 4 BK	3109560000	A.54
S4C 4 BL	2874870000	A.11
S4C 4 BL	2874870000	A.54
S4C 4 BR	3109570000	A.54
S4C 4 GN	3109580000	A.54
S4C 4 GY	3112280000	A.54
S4C 4 OR	3023560000	A.11
S4C 4 OR	3023560000	A.54
S4C 4 PE	2874900000	A.31
S4C 4 RD	3109600000	A.54
S4C 4 VT	3109610000	A.54
S4C 4 WT	3109620000	A.54
S4C 4 YL	3109630000	A.54
S4C 6	2935600000	A.13
S4C 6 BL	2935610000	A.13
S4C 6 OR	2935620000	A.13
S4C 6 PE	2935650000	A.33
SAKΩB 6/10	2111230000	B.236
SAKΩB 6/2	2615330000	B.236
SAKΩB 6/2	2615330000	B.237
SAKΩB 6/3	2615340000	B.236
SAKΩB 6/4	2615360000	B.236
SAKΩB 6/4	2615360000	B.237
SAKΩS 6/2	2111240000	B.236
SAKΩS 6/2	2111240000	B.237
SAKΩS 6/4	2111670000	B.236
SAKΩS 6/4	2111670000	B.237
SCCB TTB 6/2	2710190000	B.212
SCCB TTB 6/2	2710190000	B.213
SCCB TTB 6/2	2710190000	B.214
SCCB TTB 6/2	2710190000	B.215
SCCB TTB 6/2	2710190000	B.216
SCCB TTB 6/2	2710190000	B.217
SCCB TTB 6/2	2710190000	B.220
SCCB TTB 6/2	2710190000	B.221
SCCB TTB 6/2	2710190000	B.222
SCCB TTB 6/3	2710200000	B.212
SCCB TTB 6/3	2710200000	B.213
SCCB TTB 6/3	2710200000	B.214
SCCB TTB 6/3	2710200000	B.215
SCCB TTB 6/3	2710200000	B.216
SCCB TTB 6/3	2710200000	B.217
SCCB TTB 6/3	2710200000	B.220
SCCB TTB 6/3	2710200000	B.221
SCCB TTB 6/3	2710200000	B.222
SCCB TTB 6/4	2710210000	B.212
SCCB TTB 6/4	2710210000	B.213
SCCB TTB 6/4	2710210000	B.214
SCCB TTB 6/4	2710210000	B.215
SCCB TTB 6/4	2710210000	B.216
SCCB TTB 6/4	2710210000	B.217
SCCB TTB 6/4	2710210000	B.220
SCCB TTB 6/4	2710210000	B.221
SCCB TTB 6/4	2710210000	B.222
SCHT 7	0517960000	A.396
SDIL 0,6X3,5X100	2749140000	A.8
SDIL 0,6X3,5X100	2749140000	A.9
SDIL 0,6X3,5X100	2749140000	A.10
SDIL 0,6X3,5X100	2749140000	A.11
SDIL 0,6X3,5X100	2749140000	A.18
SDIL 0,6X3,5X100	2749140000	A.19
SDIL 0,6X3,5X100	2749140000	A.20
SDIL 0,6X3,5X100	2749140000	A.21
SDIL 0,6X3,5X100	2749140000	A.22

Type	Order No.	Page
SDIL 0,6X3,5X100	2749140000	A.23
SDIL 0,6X3,5X100	2749140000	A.24
SDIL 0,6X3,5X100	2749140000	A.25
SDIL 0,6X3,5X100	2749140000	A.28
SDIL 0,6X3,5X100	2749140000	A.29
SDIL 0,6X3,5X100	2749140000	A.30
SDIL 0,6X3,5X100	2749140000	A.31
SDIL 0,6X3,5X100	2749140000	A.38
SDIL 0,6X3,5X100	2749140000	A.39
SDIL 0,6X3,5X100	2749140000	A.40
SDIL 0,6X3,5X100	2749140000	A.41
SDIL 0,6X3,5X100	2749140000	A.42
SDIL 0,6X3,5X100	2749140000	A.43
SDIL 0,6X3,5X100	2749140000	A.44
SDIL 0,6X3,5X100	2749140000	A.45
SDIL 0,6X3,5X100	2749140000	A.46
SDIL 0,6X3,5X100	2749140000	A.47
SDIL 0,6X3,5X100	2749140000	A.48
SDIL 0,6X3,5X100	2749140000	A.49
SDIL 0,6X3,5X100	2749140000	A.50
SDIL 0,6X3,5X100	2749140000	A.59
SDIL 0,6X3,5X100	2749140000	A.60
SDIL 0,6X3,5X100	2749140000	A.61
SDIL 0,6X3,5X100	2749140000	A.68
SDIL 0,6X3,5X100	2749140000	A.69
SDIL 0,6X3,5X100	2749140000	A.70
SDIL 0,6X3,5X100	2749140000	A.71
SDIL 0,6X3,5X100	2749140000	A.78
SDIL 0,6X3,5X100	2749140000	A.79
SDIL 0,6X3,5X100	2749140000	A.80
SDIL 0,6X3,5X100	2749140000	A.81
SDIL 0,6X3,5X100	2749140000	A.82
SDIL 0,6X3,5X100	2749140000	A.83
SDIL 0,6X3,5X100	2749140000	A.84
SDIL 0,6X3,5X100	2749140000	A.85
SDIL 0,6X3,5X100	2749140000	A.88
SDIL 0,6X3,5X100	2749140000	A.89
SDIL 0,6X3,5X100	2749140000	A.90
SDIL 0,6X3,5X100	2749140000	A.93
SDIL 0,6X3,5X100	2749140000	A.94
SDIL 0,6X3,5X100	2749140000	A.95
SDIL 0,6X3,5X100	2749140000	A.98
SDIL 0,6X3,5X100	2749140000	A.99
SDIL 0,6X3,5X100	2749140000	A.100
SDIL 0,6X3,5X100	2749140000	A.103
SDIL 0,6X3,5X100	2749140000	A.104
SDIL 0,6X3,5X100	2749140000	A.105
SDIL 0,6X3,5X100	2749140000	A.106
SDIL 0,6X3,5X100	2749140000	A.107
SDIL 0,6X3,5X100	2749140000	A.108
SDIL 0,6X3,5X100	2749140000	A.109
SDIL 0,6X3,5X100	2749140000	A.110
SDIL 0,6X3,5X100	2749140000	A.111
SDIL 0,6X3,5X100	2749140000	A.113
SDIL 0,6X3,5X100	2749140000	A.114
SDIL 0,6X3,5X100	2749140000	A.115
SDIL 0,6X3,5X100	2749140000	A.116
SDIL 0,6X3,5X100	2749140000	A.117
SDIL 0,6X3,5X100	2749140000	A.118
SDIL 0,6X3,5X100	2749140000	A.119
SDIL 0,6X3,5X100	2749140000	A.120
SDIL 0,6X3,5X100	2749140000	A.121
SDIL 0,6X3,5X100	2749140000	A.127
SDIL 0,6X3,5X100	2749140000	A.128
SDIL 0,6X3,5X100	2749140000	A.129
SDIL 0,6X3,5X100	2749140000	A.130
SDIL 0,6X3,5X100	2749140000	A.131
SDIL 0,6X3,5X100	2749140000	A.132
SDIL 0,6X3,5X100	2749140000	A.133
SDIL 0,6X3,5X100	2749140000	A.134
SDIL 0,6X3,5X100	2749140000	A.135
SDIL 0,6X3,5X100	2749140000	A.136
SDIL 0,6X3,5X100	2749140000	A.146
SDIL 0,6X3,5X100	2749140000	A.147
SDIL 0,6X3,5X100	2749140000	A.148
SDIL 0,6X3,5X100	2749140000	A.149
SDIL 0,6X3,5X100	2749140000	A.150
SDIL 0,6X3,5X100	2749140000	A.160
SDIL 0,6X3,5X100	2749140000	B.96
SDIL 0,6X3,5X100	2749140000	B.111
SDIL 0,6X3,5X100	2749140000	B.113
SDIL 0,6X3,5X100	2749140000	B.116
SDIL 0,6X3,5X100	2749140000	B.117
SDIL 0,6X3,5X100	2749140000	B.118
SDIL 0,6X3,5X100	2749140000	B.121
SDIL 0,6X3,5X100	2749140000	B.178
SDIL 0,6X3,5X100	2749140000	B.180
SDIL 0,6X3,5X100	2749140000	B.182
SDIL 0,6X3,5X100	2749140000	B.184
SDIL 0,6X3,5X100	2749140000	B.185
SDIL 0,6X3,5X100	2749140000	B.186
SDIL 0,6X3,5X100	2749140000	B.187
SDIL 0,6X3,5X100	2749140000	B.188
SDIL 0,6X3,5X100	2749140000	B.189
SDIL 0,6X3,5X100	2749140000	B.190
SDIL 0,6X3,5X100	2749140000	B.191
SDIL 0,6X3,5X100	2749140000	B.192
SDIL 0,6X3,5X100	2749140000	B.193
SDIL 0,6X3,5X100	2749140000	B.274

Type	Order No.	Page
SDIL 0,6X3,5X100	2749140000	B.275
SDIL 0,6X3,5X100	2749140000	B.278
SDIL 0,6X3,5X100	2749140000	B.279
SDIL 0,6X3,5X100	2749140000	B.280
SDIL 1,0X5,5X125	2749160000	A.12
SDIL 1,0X5,5X125	2749160000	A.13
SDIL 1,0X5,5X125	2749160000	A.14
SDIL 1,0X5,5X125	2749160000	A.15
SDIL 1,0X5,5X125	2749160000	A.16
SDIL 1,0X5,5X125	2749160000	A.17
SDIL 1,0X5,5X125	2749160000	A.32
SDIL 1,0X5,5X125	2749160000	A.33
SDIL 1,0X5,5X125	2749160000	A.34
SDIL 1,0X5,5X125	2749160000	A.35
SDIL 1,0X5,5X125	2749160000	A.36
SDIL 1,0X5,5X125	2749160000	A.37
SDIL 1,0X5,5X125	2749160000	A.62
SDIL 1,0X5,5X125	2749160000	A.63
SDIL 1,0X5,5X125	2749160000	A.64
SDIL 1,0X5,5X125	2749160000	A.65
SDIL 1,0X5,5X125	2749160000	A.66
SDIL 1,0X5,5X125	2749160000	A.67
SDIL 1,0X5,5X125	2749160000	A.95
SDIL 1,0X5,5X125	2749160000	A.96
SDIL 1,0X5,5X125	2749160000	A.97
SDIL 1,0X5,5X125	2749160000	A.98
SDIL 1,0X5,5X125	2749160000	B.104
SDIL 1,0X5,5X125	2749160000	B.105
SDIL 1,0X5,5X125	2749160000	B.106
SDIL 1,0X5,5X125	2749160000	B.107
SDIL 1,0X5,5X125	2749160000	B.110
SDIL 1,0X5,5X125	2749160000	B.111
SDIL 1,0X5,5X125	2749160000	B.112
SDIL 1,0X5,5X125	2749160000	B.120
SDIL 1,0X5,5X125	2749160000	B.178
SDIL 1,0X5,5X125	2749160000	B.179
SDIL 1,0X5,5X125	2749160000	B.180
SDIL 1,0X5,5X125	2749160000	B.181
SDIL 1,0X5,5X125	2749160000	B.182
SDIL 1,0X5,5X125	2749160000	B.183
SDIL 1,0X5,5X125	2749160000	B.275
SDIL 1,0X5,5X125	2749160000	B.281
SDIS 0.4X2.0X60	2749780000	A.102
SDIS 0.4X2.0X60	2749780000	B.105
SDIS 0.4X2.0X60	2749780000	B.107
SDIS 0.6X3.5X100	2749810000	A.251
SDIS 0.6X3.5X100	2749810000	A.329
SDIS 0.6X3.5X100	2749810000	B.54
SDIS 0.6X3.5X100	2749810000	B.99
SDIS 0.6X3.5X100	2749810000	B.170
SDIS 0.6X3.5X100	2749810000	B.202
SDIS 0.6X3.5X100	2749810000	B.203
SDIS 0.6X3.5X100	2749810000	B.285
SDIS 0.6X3.5X100	2749810000	B.292
SDIS 1.0X5.5X125	2749850000	B.54
SDIS 1.0X5.5X125	2749850000	B.285
SDIS SLIM 0.6X3.5X100	2749610000	A.180
SDIS SLIM 0.6X3.5X100	2749610000	A.181
SDIS SLIM 0.6X3.5X100	2749610000	A.182
SDIS SLIM 0.6X3.5X100	2749610000	A.183
SDIS SLIM 0.6X3.5X100	2749610000	A.188
SDIS SLIM 0.6X3.5X100	2749610000	A.189
SDIS SLIM 0.6X3.5X100	2749610000	A.190
SDIS SLIM 0.6X3.5X100	2749610000	A.191
SDIS SLIM 0.6X3.5X100	2749610000	A.196
SDIS SLIM 0.6X3.5X100	2749610000	A.197
SDIS SLIM 0.6X3.5X100	2749610000	A.198
SDIS SLIM 0.6X3.5X100	2749610000	A.200
SDIS SLIM 0.6X3.5X100	2749610000	A.201
SDIS SLIM 0.6X3.5X100	2749610000	A.204
SDIS SLIM 0.6X3.5X100	2749610000	A.205
SDIS SLIM 0.6X3.5X100	2749610000	A.206
SDIS SLIM 0.6X3.5X100	2749610000	A.207
SDIS SLIM 0.6X3.5X100	2749610000	A.209
SDIS SLIM 0.6X3.5X100	2749610000	A.210
SDIS SLIM 0.6X3.5X100	2749610000	A.212
SDIS SLIM 0.6X3.5X100	2749610000	A.213
SDIS SLIM 0.6X3.5X100	2749610000	A.214
SDIS SLIM 0.6X3.5X100	2749610000	A.215
SDIS SLIM 0.6X3.5X100	2749610000	A.216
SDIS SLIM 0.6X3.5X100	2749610000	A.217
SDIS SLIM 0.6X3.5X100	2749610000	A.218
SDIS SLIM 0.6X3.5X100	2749610000	A.219
SDIS SLIM 0.6X3.5X100	2749610000	A.220
SDIS SLIM 0.6X3.5X100	2749610000	A.221
SDIS SLIM 0.6X3.5X100	2749610000	A.222
SDIS SLIM 0.6X3.5X100	2749610000	A.226
SDIS SLIM 0.6X3.5X100	2749610000	A.227
SDIS SLIM 0.6X3.5X100	2749610000	A.228
SDIS SLIM 0.6X3.5X100	2749610000	A.230
SDIS SLIM 0.6X3.5X100	2749610000	A.231
SDIS SLIM 0.6X3.5X100	2749610000	A.232
SDIS SLIM 0.6X3.5X100	2749610000	A.233
SDIS SLIM 0.6X3.5X100	2749610000	A.234
SDIS SLIM 0.6X3.5X100	2749610000	A.235
SDIS SLIM 0.6X3.5X100	2749610000	A.236
SDIS SLIM 0.6X3.5X100	2749610000	A.237
SDIS SLIM 0.6X3.5X100	2749610000	A.238
SDIS SLIM 0.6X3.5X100	2749610000	A.239

Type	Order No.	Page
SDIS SLIM 0.6X3.5X100	2749610000	A.240
SDIS SLIM 0.6X3.5X100	2749610000	A.242
SDIS SLIM 0.6X3.5X100	2749610000	A.247
SDIS SLIM 0.6X3.5X100	2749610000	A.248
SDIS SLIM 0.6X3.5X100	2749610000	A.250
SDIS SLIM 0.6X3.5X100	2749610000	A.251
SDIS SLIM 0.6X3.5X100	2749610000	A.252
SDIS SLIM 0.6X3.5X100	2749610000	A.254
SDIS SLIM 0.6X3.5X100	2749610000	A.255
SDIS SLIM 0.6X3.5X100	2749610000	A.256
SDIS SLIM 0.6X3.5X100	2749610000	A.257
SDIS SLIM 0.6X3.5X100	2749610000	A.258
SDIS SLIM 0.6X3.5X100	2749610000	A.259
SDIS SLIM 0.6X3.5X100	2749610000	A.260
SDIS SLIM 0.6X3.5X100	2749610000	A.261
SDIS SLIM 0.6X3.5X100	2749610000	A.262
SDIS SLIM 0.6X3.5X100	2749610000	A.263
SDIS SLIM 0.6X3.5X100	2749610000	A.266
SDIS SLIM 0.6X3.5X100	2749610000	A.267
SDIS SLIM 0.6X3.5X100	2749610000	A.268
SDIS SLIM 0.6X3.5X100	2749610000	A.274
SDIS SLIM 0.6X3.5X100	2749610000	A.275
SDIS SLIM 0.6X3.5X100	2749610000	A.276
SDIS SLIM 0.6X3.5X100	2749610000	A.277
SDIS SLIM 0.6X3.5X100	2749610000	A.278
SDIS SLIM 0.6X3.5X100	2749610000	A.279
SDIS SLIM 0.6X3.5X100	2749610000	A.280
SDIS SLIM 0.6X3.5X100	2749610000	A.281
SDIS SLIM 0.6X3.5X100	2749610000	A.380
SDIS SLIM 0.6X3.5X100	2749610000	B.97
SDIS SLIM 0.6X3.5X100	2749610000	B.128
SDIS SLIM 0.6X3.5X100	2749610000	B.129
SDIS SLIM 0.6X3.5X100	2749610000	B.160
SDIS SLIM 0.6X3.5X100	2749610000	B.161
SDIS SLIM 0.6X3.5X100	2749610000	B.162
SDIS SLIM 0.6X3.5X100	2749610000	B.163
SDIS SLIM 0.6X3.5X100	2749610000	B.276
SDIS SLIM 0.8X4.0X100	2749620000	A.187
SDIS SLIM 0.8X4.0X100	2749620000	A.199
SDIS SLIM 0.8X4.0X100	2749620000	A.229
SDIS SLIM 0.8X4.0X100	2749620000	A.244
SDIS SLIM 0.8X4.0X100	2749620000	A.245
SDIS SLIM 0.8X4.0X100	2749620000	A.246
SDIS SLIM 0.8X4.0X100	2749620000	A.247
SDIS SLIM 0.8X4.0X100	2749620000	A.248
SDK PH1 X 80	2749410000	B.170
SDK PZ1 X 80	2749440000	B.170
SDK PZ2 X 100	2749450000	B.56
SDK PZ2 X 100	2749450000	B.58
SDK PZ2 X 100	2749450000	B.60
SDK PZ2 X 100	2749450000	B.61
SDK PZ2 X 100	2749450000	B.62
SDK PZ2 X 100	2749450000	B.64
SDK PZ2 X 100	2749450000	B.66
SDK PZ2 X 100	2749450000	B.70
SDK PZ2 X 100	2749450000	B.71
SDK PZ2 X 100	2749450000	B.74
SDK PZ2 X 100	2749450000	B.75
SDK PZ2 X 100	2749450000	B.78
SDK PZ2 X 100	2749450000	B.80
SDK PZ2 X 100	2749450000	B.82
SDK PZ2 X 100	2749450000	B.84
SDK PZ2 X 100	2749450000	B.86
SDK PZ2 X 100	2749450000	B.88
SDL 4	2614980000	B.251
SDL 4 FT	2614970000	B.251
SDS 0.4X2.0X60	2749260000	A.6
SDS 0.4X2.0X60	2749260000	A.7
SDS 0.4X2.0X60	2749260000	A.26
SDS 0.4X2.0X60	2749260000	A.27
SDS 0.4X2.0X60	2749260000	A.58
SDS 0.4X2.0X60	2749260000	A.59
SDS 0.4X2.0X60	2749260000	A.76
SDS 0.4X2.0X60	2749260000	A.77
SDS 0.4X2.0X60	2749260000	A.86
SDS 0.4X2.0X60	2749260000	A.87
SDS 0.4X2.0X60	2749260000	A.92
SDS 0.4X2.0X60	2749260000	A.93
SDS 0.4X2.0X60	2749260000	A.105
SDS 0.4X2.0X60	2749260000	A.112
SDS 0.4X2.0X60	2749260000	A.113
SDS 0.4X2.0X60	2749260000	A.122
SDS 0.4X2.0X60	2749260000	A.123
SDS 0.4X2.0X60	2749260000	A.124
SDS 0.4X2.0X60	2749260000	A.125
SDS 0.4X2.0X60	2749260000	A.126
SDS 0.4X2.0X60	2749260000	A.186
SDS 0.4X2.0X60	2749260000	A.187
SDS 0.4X2.0X60	2749260000	A.202
SDS 0.4X2.0X60	2749260000	A.203
SDS 0.4X2.0X60	2749260000	A.219
SDS 0.4X2.0X60	2749260000	A.220
SDS 0.4X2.0X60	2749260000	A.232
SDS 0.4X2.0X60	2749260000	B.124
SDS 0.4X2.0X60	2749260000	B.125
SDS 0.4X2.0X60	2749260000	B.207
SDS 0.5X3.0X80	2749330000	A.233
SDS 0.6X3.5X100	2749340000	A.211
SDS 0.6X3.5X100	2749340000	A.240

Type	Order No.	Page
SDS 0.6X3.5X100	2749340000	A.260
SDS 0.6X3.5X100	2749340000	A.282
SDS 0.6X3.5X100	2749340000	A.330
SDS 0.6X3.5X100	2749340000	A.331
SDS 0.6X3.5X100	2749340000	A.332
SDS 0.6X3.5X100	2749340000	A.333
SDS 0.6X3.5X100	2749340000	A.334
SDS 0.6X3.5X100	2749340000	A.335
SDS 0.6X3.5X100	2749340000	A.340
SDS 0.6X3.5X100	2749340000	A.341
SDS 0.6X3.5X100	2749340000	A.342
SDS 0.6X3.5X100	2749340000	A.343
SDS 0.6X3.5X100	2749340000	A.344
SDS 0.6X3.5X100	2749340000	A.345
SDS 0.6X3.5X100	2749340000	A.346
SDS 0.6X3.5X100	2749340000	A.347
SDS 0.6X3.5X100	2749340000	A.348
SDS 0.6X3.5X100	2749340000	A.349
SDS 0.6X3.5X100	2749340000	A.358
SDS 0.6X3.5X100	2749340000	A.360
SDS 0.6X3.5X100	2749340000	A.361
SDS 0.6X3.5X100	2749340000	A.362
SDS 0.6X3.5X100	2749340000	A.368
SDS 0.6X3.5X100	2749340000	A.369
SDS 0.6X3.5X100	2749340000	A.370
SDS 0.6X3.5X100	2749340000	A.371
SDS 0.6X3.5X100	2749340000	A.372
SDS 0.6X3.5X100	2749340000	A.373
SDS 0.6X3.5X100	2749340000	A.374
SDS 0.6X3.5X100	2749340000	A.375
SDS 0.6X3.5X100	2749340000	A.378
SDS 0.6X3.5X100	2749340000	A.379
SDS 0.6X3.5X100	2749340000	A.382
SDS 0.6X3.5X100	2749340000	A.383
SDS 0.6X3.5X100	2749340000	A.384
SDS 0.6X3.5X100	2749340000	A.385
SDS 0.6X3.5X100	2749340000	A.386
SDS 0.6X3.5X100	2749340000	A.387
SDS 0.6X3.5X100	2749340000	A.388
SDS 0.6X3.5X100	2749340000	A.389
SDS 0.6X3.5X100	2749340000	A.390
SDS 0.6X3.5X100	2749340000	A.399
SDS 0.6X3.5X100	2749340000	A.400
SDS 0.6X3.5X100	2749340000	A.401
SDS 0.6X3.5X100	2749340000	A.402
SDS 0.6X3.5X100	2749340000	A.403
SDS 0.6X3.5X100	2749340000	B.130
SDS 0.6X3.5X100	2749340000	B.131
SDS 0.6X3.5X100	2749340000	B.132
SDS 0.6X3.5X100	2749340000	B.133
SDS 0.6X3.5X100	2749340000	B.143
SDS 0.6X3.5X100	2749340000	B.144
SDS 0.6X3.5X100	2749340000	B.145
SDS 0.6X3.5X100	2749340000	B.146
SDS 0.6X3.5X100	2749340000	B.147
SDS 0.6X3.5X100	2749340000	B.148
SDS 0.6X3.5X100	2749340000	B.149
SDS 0.6X3.5X100	2749340000	B.150
SDS 0.6X3.5X100	2749340000	B.151
SDS 0.6X3.5X100	2749340000	B.152
SDS 0.6X3.5X100	2749340000	B.153
SDS 0.6X3.5X100	2749340000	B.154
SDS 0.6X3.5X100	2749340000	B.155
SDS 0.6X3.5X100	2749340000	B.156
SDS 0.6X3.5X100	2749340000	B.157
SDS 0.6X3.5X100	2749340000	B.158
SDS 0.6X3.5X100	2749340000	B.159
SDS 0.6X3.5X100	2749340000	B.164
SDS 0.6X3.5X100	2749340000	B.165
SDS 0.6X3.5X100	2749340000	B.166
SDS 0.6X3.5X100	2749340000	B.167
SDS 0.6X3.5X100	2749340000	B.168
SDS 0.6X3.5X100	2749340000	B.169
SDS 0.6X3.5X100	2749340000	B.170
SDS 0.6X3.5X100	2749340000	B.198
SDS 0.6X3.5X100	2749340000	B.199
SDS 0.6X3.5X100	2749340000	B.200
SDS 0.6X3.5X100	2749340000	B.267
SDS 0.6X3.5X100	2749340000	B.268
SDS 0.6X3.5X100	2749340000	B.269
SDS 0.6X3.5X100	2749340000	B.277
SDS 0.8X4.0X100	2749360000	A.245
SDS 0.8X4.0X100	2749360000	A.334
SDS 0.8X4.0X100	2749360000	A.350
SDS 0.8X4.0X100	2749360000	A.351
SDS 0.8X4.0X100	2749360000	A.354
SDS 0.8X4.0X100	2749360000	A.355
SDS 0.8X4.0X100	2749360000	B.237
SDS 1.0X5.5X150	2749380000	A.72
SDS 1.0X5.5X150	2749380000	A.73
SDS 1.0X5.5X150	2749380000	A.74
SDS 1.0X5.5X150	2749380000	A.75
SDS 1.0X5.5X150	2749380000	A.101
SDS 1.0X5.5X150	2749380000	A.102
SDS 1.0X5.5X150	2749380000	A.191
SDS 1.0X5.5X150	2749380000	A.192
SDS 1.0X5.5X150	2749380000	A.193
SDS 1.0X5.5X150	2749380000	A.194
SDS 1.0X5.5X150	2749380000	A.199

Type	Order No.	Page
SDS 1.0X5.5X150	2749380000	A.223
SDS 1.0X5.5X150	2749380000	A.224
SDS 1.0X5.5X150	2749380000	A.225
SDS 1.0X5.5X150	2749380000	A.229
SDS 1.0X5.5X150	2749380000	A.325
SDS 1.0X5.5X150	2749380000	A.326
SDS 1.0X5.5X150	2749380000	A.327
SDS 1.0X5.5X150	2749380000	A.328
SDS 1.0X5.5X150	2749380000	A.329
SDS 1.0X5.5X150	2749380000	A.335
SDS 1.0X5.5X150	2749380000	A.336
SDS 1.0X5.5X150	2749380000	A.341
SDS 1.0X5.5X150	2749380000	B.8
SDS 1.0X5.5X150	2749380000	B.9
SDS 1.0X5.5X150	2749380000	B.10
SDS 1.0X5.5X150	2749380000	B.11
SDS 1.0X5.5X150	2749380000	B.12
SDS 1.0X5.5X150	2749380000	B.16
SDS 1.0X5.5X150	2749380000	B.17
SDS 1.0X5.5X150	2749380000	B.18
SDS 1.0X5.5X150	2749380000	B.19
SDS 1.0X5.5X150	2749380000	B.20
SDS 1.0X5.5X150	2749380000	B.21
SDS 1.0X5.5X150	2749380000	B.22
SDS 1.0X5.5X150	2749380000	B.23
SDS 1.0X5.5X150	2749380000	B.24
SDS 1.0X5.5X150	2749380000	B.98
SDS 1.0X5.5X150	2749380000	B.251
SDS 1.0X5.5X150	2749380000	B.282
SDS 1.0X5.5X150	2749380000	B.283
SDS 1.0X5.5X150	2749380000	B.284
SDS 1.0X5.5X150	2749380000	B.285
SDS 1.2X6.5X150	2749390000	A.336
SDS 1.2X6.5X150	2749390000	A.337
SDS 1.2X6.5X150	2749390000	B.32
SDS 1.2X6.5X150	2749390000	B.33
SDS 1.2X6.5X150	2749390000	B.249
SDS 1.2X6.5X150	2749390000	B.268
SDS 1.2X6.5X150	2749390000	B.269
SDS 1.2X6.5X150	2749390000	B.293
SDT 2.5 2C	3016670000	A.41
SDT 2.5 2C BL	2974130000	A.41
SDT 2.5 2C OR	2974120000	A.41
SDT 2.5 2C W/O DTLV	3016710000	A.41
SDT 2.5 2C W/O DTLV BL	2983270000	A.41
SDT 2.5 2C W/O DTLV OR	2983260000	A.41
SDT 2.5 3C	3016680000	A.42
SDT 2.5 3C BL	2974150000	A.42
SDT 2.5 3C OR	2974140000	A.42
SDT 2.5 3C W/O DTLV	3016730000	A.42
SDT 2.5 3C W/O DTLV BL	2983290000	A.42
SDT 2.5 3C W/O DTLV OR	2983280000	A.42
SDT 2.5 4C	3016700000	A.43
SDT 2.5 4C BL	2974170000	A.43
SDT 2.5 4C OR	2974160000	A.43
SDT 2.5 4C W/O DTLV	3016740000	A.43
SDT 2.5 4C W/O DTLV BL	2983740000	A.43
SDT 2.5 4C W/O DTLV OR	2983730000	A.43
SDT 4 2C	2941420000	A.44
SDT 4 2C BL	2941430000	A.44
SDT 4 2C OR	2941440000	A.44
SDT 4 2C W/O DTLV	2941450000	A.44
SDT 4 2C W/O DTLV BL	2941460000	A.44
SDT 4 2C W/O DTLV OR	2941470000	A.44
SEP 2C 2.5	2751080000	A.8
SEP 2C 2.5	2751080000	A.28
SEP 2C 2.5	2751080000	A.45
SEP 2C 4	2874790000	A.10
SEP 2C 4	2874790000	A.30
SEP 2C 6	2935660000	A.12
SEP 2C 6	2935660000	A.32
SEP 2T 2.5	2913480000	A.18
SEP 2T 2.5	2913480000	A.19
SEP 2T 2.5	2913480000	A.38
SEP 2T 2.5	2913480000	A.47
SEP 2T 2.5	2913480000	A.48
SEP 2T 2.5	2913480000	A.49
SEP 2T 2.5 6C	3093280000	A.20
SEP 2T 2.5 6C	3093280000	A.21
SEP 2T 2.5 6C	3093280000	A.38
SEP 2T 2.5 8C	3093260000	A.22
SEP 2T 2.5 8C	3093260000	A.23
SEP 2T 2.5 8C	3093260000	A.39
SEP 2T 2.5 BL	2913490000	A.18
SEP 2T 2.5 BL	2913490000	A.19
SEP 2T 2.5 BL	2913490000	A.47
SEP 2T 2.5 BL	2913490000	A.48
SEP 3C 2.5	2751090000	A.8
SEP 3C 2.5	2751090000	A.28
SEP 3C 2.5	2751090000	A.41
SEP 3C 2.5	2751090000	A.46
SEP 3C 4	2874800000	A.10
SEP 3C 4	2874800000	A.30
SEP 3C 4	2874800000	A.40
SEP 3C 4	2874800000	A.44
SEP 3C 6	2935670000	A.12
SEP 3C 6	2935670000	A.32
SEP 3T 2.5	2902630000	A.24
SEP 3T 2.5	2902630000	A.25

Type	Order No.	Page
SEP 3T 2.5	2902630000	A.39
SEP 3T 2.5 BL	2902640000	A.24
SEP 3T 2.5 BL	2902640000	A.25
SEP 3T 2.5 BL	2902640000	A.39
SEP 4C 2.5	2751100000	A.9
SEP 4C 2.5	2751100000	A.29
SEP 4C 2.5	2751100000	A.42
SEP 4C 4	2874810000	A.11
SEP 4C 4	2874810000	A.31
SEP 4C 6	2935680000	A.13
SEP 4C 6	2935680000	A.33
SEP 4C 6	2935680000	A.34
SEP 4C 6	2935680000	A.35
SEP DT 2.5 4C	2929670000	A.43
SEP PGTB 2.5 4C	3051580000	A.47
SEP PGTB 2.5 4C BL	3051590000	A.47
SEP PGTB 2T 2.5 6C	3096200000	A.49
SEP PGTB 2T 2.5 6C	3096200000	A.50
SEP SDL 4	2615020000	B.250
SEP SDL 4	2615020000	B.251
SEP SRL 3	2614990000	A.429
SEP SRL 4	2615000000	A.429
SEP SRL 4	2615000000	A.430
SEP SRL 6	2615010000	A.430
SET AAP11 6/1.5/12C	2506090000	B.108
SET AAP11 6/1.5/24C	2506370000	B.108
SET AAP12 10/2.5/10C	2506350000	B.114
SET AAP13 6/1.5/12C	2506340000	B.109
SET AAP13 6/1.5/24C	2506380000	B.109
SET AAP14 10/2.5/10C	2506360000	B.115
SFS 4 2C 10-36V BK	2941490000	A.40
SFS 4 2C 100-250V BK	2941520000	A.40
SFS 4 2C 30-70V BK	2941500000	A.40
SFS 4 2C 60-150V BK	2941510000	A.40
SFS 4 2C BK	2941480000	A.40
SH 1	0299860000	C.4
SH 2	0494920000	C.5
SH 2 S	0641720000	C.5
SH 3	0556660000	C.5
SH 4C	1340870000	B.263
SIHA 1/G20	9537550000	A.369
SIHA 1/G20	9537550000	A.424
SIHA 1/G20 10-36V	9537560000	A.369
SIHA 1/G20 10-36V	9537560000	A.424
SIHA 3/G20	7921560000	A.120
SIHA 3/G20	7921560000	A.121
SIHA 3/G20	7921560000	A.250
SIHA 3/G20	7921560000	A.251
SIHA 3/G20	7921560000	A.263
SIHA 3/G20	7921560000	A.294
SIHA 3/G20	7921560000	A.368
SIHA 3/G20	7921560000	A.370
SIHA 3/G20	7921560000	A.371
SIHA 3/G20	7921560000	A.372
SIHA 3/G20	7921560000	A.373
SIHA 3/G20	7921560000	A.374
SIHA 3/G20	7921560000	A.375
SIHA 3/G20	7921560000	A.380
SIHA 3/G20	7921560000	A.382
SIHA 3/G20	7921560000	A.383
SIHA 3/G20	7921560000	A.385
SIHA 3/G20	7921560000	A.386
SIHA 3/G20	7921560000	A.387
SIHA 3/G20	7921560000	A.424
SIHA 3/G20	7921560000	B.145
SIHA 3/G20	7921560000	B.146
SIHA 3/G20	7921560000	B.147
SIHA 3/G20	7921560000	B.154
SIHA 3/G20	7921560000	B.156
SIHA 3/G20	7921560000	B.164
SIHA 3/G20	7921560000	B.165
SIHA 3/G20	7921560000	B.166
SIHA 3/G20	7921560000	B.167
SIHA 3/G20	7921560000	B.168
SIHA 3/G20	7921560000	B.169
SIHA 3/G20	7921560000	B.190
SIHA 3/G20	7921560000	B.191
SIHA 3/G20	7921560000	B.192
SIHA 3/G20	7921560000	B.193
SIHA 3/G20/LD 10-36V	7921570000	A.120
SIHA 3/G20/LD 10-36V	7921570000	A.121
SIHA 3/G20/LD 10-36V	7921570000	A.250
SIHA 3/G20/LD 10-36V	7921570000	A.251
SIHA 3/G20/LD 10-36V	7921570000	A.263
SIHA 3/G20/LD 10-36V	7921570000	A.294
SIHA 3/G20/LD 10-36V	7921570000	A.368
SIHA 3/G20/LD 10-36V	7921570000	A.370
SIHA 3/G20/LD 10-36V	7921570000	A.371
SIHA 3/G20/LD 10-36V	7921570000	A.372
SIHA 3/G20/LD 10-36V	7921570000	A.373
SIHA 3/G20/LD 10-36V	7921570000	A.374
SIHA 3/G20/LD 10-36V	7921570000	A.375
SIHA 3/G20/LD 10-36V	7921570000	A.380
SIHA 3/G20/LD 10-36V	7921570000	A.382
SIHA 3/G20/LD 10-36V	7921570000	A.383
SIHA 3/G20/LD 10-36V	7921570000	A.385
SIHA 3/G20/LD 10-36V	7921570000	A.386
SIHA 3/G20/LD 10-36V	7921570000	A.387
SIHA 3/G20/LD 10-36V	7921570000	A.424

Type	Order No.	Page
SIHA 3/G20/LD 10-36V	7921570000	B.145
SIHA 3/G20/LD 10-36V	7921570000	B.146
SIHA 3/G20/LD 10-36V	7921570000	B.147
SIHA 3/G20/LD 10-36V	7921570000	B.154
SIHA 3/G20/LD 10-36V	7921570000	B.156
SIHA 3/G20/LD 10-36V	7921570000	B.164
SIHA 3/G20/LD 10-36V	7921570000	B.165
SIHA 3/G20/LD 10-36V	7921570000	B.166
SIHA 3/G20/LD 10-36V	7921570000	B.167
SIHA 3/G20/LD 10-36V	7921570000	B.168
SIHA 3/G20/LD 10-36V	7921570000	B.169
SIHA 3/G20/LD 10-36V	7921570000	B.190
SIHA 3/G20/LD 10-36V	7921570000	B.191
SIHA 3/G20/LD 10-36V	7921570000	B.192
SIHA 3/G20/LD 10-36V	7921570000	B.193
SIHA 3/G20/LD 140-250V	7921600000	A.120
SIHA 3/G20/LD 140-250V	7921600000	A.121
SIHA 3/G20/LD 140-250V	7921600000	A.250
SIHA 3/G20/LD 140-250V	7921600000	A.251
SIHA 3/G20/LD 140-250V	7921600000	A.263
SIHA 3/G20/LD 140-250V	7921600000	A.294
SIHA 3/G20/LD 140-250V	7921600000	A.368
SIHA 3/G20/LD 140-250V	7921600000	A.370
SIHA 3/G20/LD 140-250V	7921600000	A.371
SIHA 3/G20/LD 140-250V	7921600000	A.372
SIHA 3/G20/LD 140-250V	7921600000	A.373
SIHA 3/G20/LD 140-250V	7921600000	A.374
SIHA 3/G20/LD 140-250V	7921600000	A.375
SIHA 3/G20/LD 140-250V	7921600000	A.380
SIHA 3/G20/LD 140-250V	7921600000	A.382
SIHA 3/G20/LD 140-250V	7921600000	A.383
SIHA 3/G20/LD 140-250V	7921600000	A.385
SIHA 3/G20/LD 140-250V	7921600000	A.386
SIHA 3/G20/LD 140-250V	7921600000	A.387
SIHA 3/G20/LD 140-250V	7921600000	A.424
SIHA 3/G20/LD 140-250V	7921600000	B.145
SIHA 3/G20/LD 140-250V	7921600000	B.146
SIHA 3/G20/LD 140-250V	7921600000	B.147
SIHA 3/G20/LD 140-250V	7921600000	B.154
SIHA 3/G20/LD 140-250V	7921600000	B.156
SIHA 3/G20/LD 140-250V	7921600000	B.164
SIHA 3/G20/LD 140-250V	7921600000	B.165
SIHA 3/G20/LD 140-250V	7921600000	B.166
SIHA 3/G20/LD 140-250V	7921600000	B.167
SIHA 3/G20/LD 140-250V	7921600000	B.168
SIHA 3/G20/LD 140-250V	7921600000	B.169
SIHA 3/G20/LD 140-250V	7921600000	B.190
SIHA 3/G20/LD 140-250V	7921600000	B.191
SIHA 3/G20/LD 140-250V	7921600000	B.192
SIHA 3/G20/LD 140-250V	7921600000	B.193
SIHA 3/G20/LD 35-70V	7921580000	A.120
SIHA 3/G20/LD 35-70V	7921580000	A.121
SIHA 3/G20/LD 35-70V	7921580000	A.294
SIHA 3/G20/LD 35-70V	7921580000	A.370
SIHA 3/G20/LD 35-70V	7921580000	A.371
SIHA 3/G20/LD 35-70V	7921580000	A.372
SIHA 3/G20/LD 35-70V	7921580000	A.380
SIHA 3/G20/LD 35-70V	7921580000	A.385
SIHA 3/G20/LD 35-70V	7921580000	A.386
SIHA 3/G20/LD 35-70V	7921580000	A.387
SIHA 3/G20/LD 35-70V	7921580000	A.424
SIHA 3/G20/LD 35-70V	7921580000	B.145
SIHA 3/G20/LD 35-70V	7921580000	B.146
SIHA 3/G20/LD 35-70V	7921580000	B.147
SIHA 3/G20/LD 35-70V	7921580000	B.154
SIHA 3/G20/LD 35-70V	7921580000	B.156
SIHA 3/G20/LD 60-150V	7921590000	A.120
SIHA 3/G20/LD 60-150V	7921590000	A.121
SIHA 3/G20/LD 60-150V	7921590000	A.294
SIHA 3/G20/LD 60-150V	7921590000	A.370
SIHA 3/G20/LD 60-150V	7921590000	A.371
SIHA 3/G20/LD 60-150V	7921590000	A.372
SIHA 3/G20/LD 60-150V	7921590000	A.380
SIHA 3/G20/LD 60-150V	7921590000	A.385
SIHA 3/G20/LD 60-150V	7921590000	A.386
SIHA 3/G20/LD 60-150V	7921590000	A.387
SIHA 3/G20/LD 60-150V	7921590000	A.424
SIHA 3/G20/LD 60-150V	7921590000	B.145
SIHA 3/G20/LD 60-150V	7921590000	B.146
SIHA 3/G20/LD 60-150V	7921590000	B.147
SIHA 3/G20/LD 60-150V	7921590000	B.154
SIHA 3/G20/LD 60-150V	7921590000	B.156
SIHA STRAP	9537680000	A.294
SIHA STRAP	9537680000	A.424
SK WSD-S 1,5-10,0	9008850000	B.40
SK WSD-S 1,5-10,0	9008850000	B.41
SK WSD-S 1,5-10,0	9008850000	B.44
SK WSD-S 1,5-10,0	9008850000	B.45
SK WSD-S 1,5-10,0	9008850000	B.48
SK WSD-S 1,5-10,0	9008850000	B.50
SK WSD-S 1,5-10,0	9008850000	B.68
SK WSD-S 1,5-10,0	9008850000	B.70
SK WSD-S 1,5-10,0	9008850000	B.71
SK WSD-S 1,5-10,0	9008850000	B.74
SK WSD-S 1,5-10,0	9008850000	B.75
SK WSD-S 1,5-10,0	9008850000	B.78
SK WSD-S 1,5-10,0	9008850000	B.80
SK WSD-S 1,5-10,0	9008850000	B.82
SK WSD-S 1,5-10,0	9008850000	B.84

Type	Order No.	Page
SK WSD-S 1,5-10,0	9008850000	B.86
SK WSD-S 1,5-10,0	9008850000	B.88
SK WSD-S 1,5-10,0	9008850000	B.272
SKS 2,0-8,0 MR	9008870000	A.314
SKS 2,0-8,0 MR	9008870000	A.315
SKS 2,0-8,0 MR	9008870000	A.316
SKS 2,0-8,0 MR	9008870000	A.319
SKS 2,0-8,0 MR	9008870000	A.337
SKS 2,0-8,0 MR	9008870000	A.338
SKS 2,0-8,0 MR	9008870000	A.339
SKS 2,0-8,0 MR	9008870000	B.27
SKS 2,0-8,0 MR	9008870000	B.28
SKS 2,0-8,0 MR	9008870000	B.29
SKS 2,0-8,0 MR	9008870000	B.30
SKS 2,0-8,0 MR	9008870000	B.33
SKS 2,0-8,0 MR	9008870000	B.34
SKS 2,0-8,0 MR	9008870000	B.35
SL TTB 6	2710220000	B.212
SL TTB 6	2710220000	B.213
SL TTB 6	2710220000	B.214
SL TTB 6	2710220000	B.215
SL TTB 6	2710220000	B.216
SL TTB 6	2710220000	B.217
SL TTB 6	2710220000	B.220
SL TTB 6	2710220000	B.221
SL TTB 6	2710220000	B.223
SL2C 10	3037500000	A.16
SL2C 10 BL	3037510000	A.16
SL2C 10 PE	3037520000	A.36
SL2C 16	3037560000	A.17
SL2C 16 BL	3037570000	A.17
SL2C 16 PE	3037580000	A.37
SL2C 6	3037380000	A.14
SL2C 6 BL	3037390000	A.14
SL2C 6 PE	3037400000	A.34
SL3C 10	3037530000	A.16
SL3C 10 BL	3037540000	A.16
SL3C 10 PE	3037550000	A.36
SL3C 6	3037410000	A.14
SL3C 6 BL	3037420000	A.14
SL3C 6 PE	3037430000	A.34
SL4C 6	3037440000	A.15
SL4C 6 BL	3037450000	A.15
SL4C 6 PE	3037460000	A.35
SLEP 2C 10	3037650000	A.16
SLEP 2C 10	3037650000	A.17
SLEP 2C 6	3037590000	A.14
SLEP 2C 6	3037590000	A.15
SLEP 2C 6	3037590000	A.36
SLEP 2C 6	3037590000	A.37
SM 27/8 K MC NE WS	1812630000	B.267
SM 27/8 K MC NE WS	1812630000	B.268
SM 27/8 K MC NE WS	1812630000	B.269
SMSE WF10/2XM6	1868880000	A.437
SMSE WF10/2XM6	1868880000	A.445
SMSE WSH 135/60 MT	1246990000	B.265
SMSE WSH U1 MT	1083900000	B.265
SNAPMARK 1.5	2682080000	A.76
SNAPMARK 1.5	2682080000	A.77
SNAPMARK 1.5	2682080000	A.86
SNAPMARK 1.5	2682080000	A.87
SNAPMARK 1.5	2682080000	A.102
SNAPMARK 1.5	2682080000	A.103
SNAPMARK 1.5	2682080000	A.105
SNAPMARK 1.5	2682080000	A.125
SNAPMARK 1.5	2682080000	A.126
SNAPMARK 1.5	2682080000	A.175
SNAPMARK I	1805880000	A.18
SNAPMARK I	1805880000	A.19
SNAPMARK I	1805880000	A.24
SNAPMARK I	1805880000	A.25
SNAPMARK I	1805880000	A.38
SNAPMARK I	1805880000	A.39
SNAPMARK I	1805880000	A.47
SNAPMARK I	1805880000	A.48
SNAPMARK I	1805880000	A.49
SNAPMARK I	1805880000	A.50
SNAPMARK I	1805880000	A.82
SNAPMARK I	1805880000	A.83
SNAPMARK I	1805880000	A.88
SNAPMARK I	1805880000	A.89
SNAPMARK I	1805880000	A.90
SNAPMARK I	1805880000	A.104
SNAPMARK I	1805880000	A.105
SNAPMARK I	1805880000	A.130
SNAPMARK I	1805880000	A.131
SNAPMARK I	1805880000	A.134
SNAPMARK I	1805880000	A.135
SNAPMARK I	1805880000	A.146
SNAPMARK I	1805880000	A.147
SNAPMARK I	1805880000	A.148
SNAPMARK I	1805880000	A.149
SNAPMARK I	1805880000	A.150
SNAPMARK I	1805880000	A.175
SNAPMARK I	1805880000	A.211
SNAPMARK I	1805880000	A.216
SNAPMARK I	1805880000	A.217
SNAPMARK I	1805880000	A.234
SNAPMARK I	1805880000	B.96

Type	Order No.	Page
SO SH1	0401460000	C.4
SP M6 15 MSZN	3896100000	B.263
SP M6 20 MSZN	3896200000	B.263
SP M6 30 MSZN	3896300000	B.263
SPG 2.5 L	3030160000	A.45
SPG 2.5 L	3030160000	A.46
SPG 2.5 L	3030160000	A.47
SPG 2.5 L	3030160000	A.48
SPG 2.5 L	3030160000	A.49
SPG 2.5 L	3030160000	A.50
SPG 2.5 L	3030160000	A.52
SPG 2.5 L BL	3030290000	A.52
SPG 2.5 L GN	3030240000	A.52
SPG 2.5 MI	3030090000	A.45
SPG 2.5 MI	3030090000	A.46
SPG 2.5 MI	3030090000	A.47
SPG 2.5 MI	3030090000	A.48
SPG 2.5 MI	3030090000	A.49
SPG 2.5 MI	3030090000	A.50
SPG 2.5 MI	3030090000	A.52
SPG 2.5 MI BL	3030260000	A.52
SPG 2.5 MI GN	3030220000	A.52
SPG 2.5 R	3030190000	A.45
SPG 2.5 R	3030190000	A.46
SPG 2.5 R	3030190000	A.47
SPG 2.5 R	3030190000	A.48
SPG 2.5 R	3030190000	A.49
SPG 2.5 R	3030190000	A.50
SPG 2.5 R	3030190000	A.52
SPG 2.5 R BL	3030300000	A.52
SPG 2.5 R GN	3030210000	A.52
SPG 2.5/1	3030250000	A.45
SPG 2.5/1	3030250000	A.46
SPG 2.5/1	3030250000	A.47
SPG 2.5/1	3030250000	A.48
SPG 2.5/1	3030250000	A.49
SPG 2.5/1	3030250000	A.50
SPG 2.5/1	3030250000	A.51
SPG 2.5/10	3030100000	A.45
SPG 2.5/10	3030100000	A.46
SPG 2.5/10	3030100000	A.47
SPG 2.5/10	3030100000	A.48
SPG 2.5/10	3030100000	A.49
SPG 2.5/10	3030100000	A.50
SPG 2.5/10	3030100000	A.51
SPG 2.5/2	3030170000	A.51
SPG 2.5/3	3030200000	A.51
SPG 2.5/3-BG-BL-GN	3030270000	A.51
SPG 2.5/4	3030150000	A.51
SPG 2.5/4-3BG-GN	3030230000	A.51
SPG 2.5/5	3030130000	A.51
SPG 2.5/5-3BG-BL-GN	3030280000	A.51
SPG 2.5/6	3030140000	A.51
SPG 2.5/7	3030110000	A.51
SPG 2.5/8	3030120000	A.51
SPG 2.5/9	3030180000	A.51
SPGTB 2.5 2T 4C/2	3051860000	A.47
SPGTB 2.5 2T 4C/2 BL	3051870000	A.47
SPGTB 2.5 2T 4C/2 OR	3051880000	A.47
SPGTB 2.5 2T 6C/2	3096130000	A.49
SPGTB 2.5 2T 6C/2 BL	3096150000	A.49
SPGTB 2.5 2T FT-PE 4C/2	3051910000	A.48
SPGTB 2.5 2T FT-PE 6C/2	3096180000	A.50
SPGTB 2.5 2T PE 4C/2	3051920000	A.49
SPGTB 2.5 2T PE 6C/2	3096190000	A.50
SPGTB 2.5 2T VL 4C/2	3051890000	A.48
SPGTB 2.5 2T VL 4C/2 BL	3051900000	A.48
SPGTB 2.5 2T VL 6C/2	3096160000	A.49
SPGTB 2.5 2T VL 6C/2 BL	3096170000	A.49
SPGTB 2.5 FT 2C/1	3051460000	A.45
SPGTB 2.5 FT 2C/1 BL	3051470000	A.45
SPGTB 2.5 FT 2C/1 OR	3051480000	A.45
SPGTB 2.5 FT 3C/1	3051490000	A.46
SPGTB 2.5 FT 3C/1 BL	3051500000	A.46
SPGTB 2.5 FT 3C/1 OR	3051510000	A.46
SPGTB 2.5 FT 4C/2	3051520000	A.47
SPGTB 2.5 FT 4C/2 BL	3051530000	A.47
SPGTB 2.5 FT 4C/2 OR	3051540000	A.47
SPGTB 2.5 PE 2C/1	3051550000	A.45
SPGTB 2.5 PE 3C/1	3051560000	A.46
SPGTB 2.5 PE 4C/2	3051570000	A.47
SQB 3/2	2615110000	A.429
SQB 3/3	2615120000	A.429
SQB 3/4	2615130000	A.429
SQB 4/2	2615140000	A.429
SQB 4/2	2615140000	A.430
SQB 4/2	2615140000	B.251
SQB 4/3	2615150000	A.429
SQB 4/3	2615150000	A.430
SQB 4/3	2615150000	B.251
SQB 4/4	2615160000	A.429
SQB 4/4	2615160000	A.430
SQB 4/4	2615160000	B.251
SQS 4/2	2615250000	A.430
SQS 4/2	2615250000	B.250
SQS 4/2	2615250000	B.251
SQS 4/4	2615260000	A.430
SQS 4/4	2615260000	B.250
SQS 4/4	2615260000	B.251

Type	Order No.	Page
SQV 3/10	2615070000	A.429
SQV 3/2	2615030000	A.429
SQV 3/3	2615040000	A.429
SQV 3/4	2615050000	A.429
SQV 6/2	2615080000	A.430
SQV 6/3	2615090000	A.430
SQV 6/4	2615100000	A.430
SRCI QV P	8870840000	B.160
SRCI QV P	8870840000	B.161
SRCI QV P	8870840000	B.162
SRCI QV P	8870840000	B.163
SRL 3	2614930000	A.429
SRL 4	2614940000	A.429
SRL 4 STB	2614950000	A.430
SRL 6	2614960000	A.430
SRQB 3/2	2615190000	A.429
SRQB 3/3	2615200000	A.429
SRQB 3/4	2615210000	A.429
SRQB 4/2	2615220000	A.429
SRQB 4/2	2615220000	A.430
SRQB 4/2	2615220000	B.251
SRQB 4/3	2615230000	A.429
SRQB 4/3	2615230000	A.430
SRQB 4/3	2615230000	B.251
SRQB 4/4	2615240000	A.429
SRQB 4/4	2615240000	A.430
SRQB 4/4	2615240000	B.251
SS M3 D 128-A 3	0164400000	A.350
SS M3 D 128-A 3	0164400000	A.351
SS M3 D 128-A 3	0164400000	A.352
SS M3 D 128-A 3	0164400000	A.353
SS M3 D 128-A 3	0164400000	A.355
SSCH 10X3X1000 CU/SN	0348900000	B.178
SSCH 10X3X1000 CU/SN	0348900000	B.179
SSCH 10X3X1000 CU/SN	0348900000	B.180
SSCH 10X3X1000 CU/SN	0348900000	B.181
SSCH 10X3X1000 CU/SN	0348900000	B.182
SSCH 10X3X1000 CU/SN	0348900000	B.183
SSCH 10X3X1000 CU/SN	0348900000	B.184
SSCH 10X3X1000 CU/SN	0348900000	B.185
SSCH 10X3X1000 CU/SN	0348900000	B.186
SSCH 10X3X1000 CU/SN	0348900000	B.187
SSCH 10X3X1000 CU/SN	0348900000	B.188
SSCH 10X3X1000 CU/SN	0348900000	B.189
SSCH 10X3X1000 CU/SN	0348900000	B.194
SSCH 10X3X1000 CU/SN	0348900000	B.198
SSCH 10X3X1000 CU/SN	0348900000	B.199
SSCH 10X3X1000 CU/SN	0348900000	B.200
SSCH 10X3X1000 CU/SN	0348900000	B.204
SSCH 10X3X1000 CU/SN	0348900000	B.205
SSCH 10X3X1000 CU/SN	0348900000	B.257
SSCH 10X3X1000 CU/SN	0348900000	B.258
SSCH 10X3X1000 CU/SN	0348900000	B.264
SSCH 10X3X1000 CU/SN	0348900000	B.265
SSCH 10X3X1000 CU/SN	0348900000	C.4
SSCH 10X3X1000 ST/ZN	0438000000	C.4
SSCH 10X3X2000 CU VERZ.	1397000000	C.4
SSCH 15X6X1000 CU/SN	0357400000	C.4
SSCH 6X6X1000 CU/SN	0571300000	C.4
SSCH 7.3X1.2X1000	1071200000	A.398
SSCH 7.3X1.2X1000	1071200000	C.4
SSI 4	2615270000	B.250
SSP 3 SAKT1	0531760000	B.238
SSP 3 SAKT1	0531760000	B.242
SSP 3 SAKT1	0531760000	B.244
SSP WTL6/2	1604200000	B.242
SSP WTL6/2	1604200000	B.246
SSP WTL6/2	1604200000	B.247
STB 14/D6/4/M3 SAK10	2012420000	B.239
STB 14/D6/4/M3 SAK10	2012420000	B.240
STB 21.6/45 BL	1936290000	B.239
STB 21.6/45 BL	1936290000	B.240
STB 21.6/45 BL	1936290000	B.243
STB 21.6/45 DB	1938790000	B.243
STB 21.6/45 GE	1936240000	B.238
STB 21.6/45 GE	1936240000	B.239
STB 21.6/45 GE	1936240000	B.240
STB 21.6/45 GE	1936240000	B.243
STB 21.6/45 GE	1936240000	B.244
STB 21.6/45 GN	1936250000	B.238
STB 21.6/45 GN	1936250000	B.239
STB 21.6/45 GN	1936250000	B.240
STB 21.6/45 GN	1936250000	B.243
STB 21.6/45 GN	1936250000	B.244
STB 21.6/45 GR	1936280000	B.243
STB 21.6/45 RT	1936300000	B.243
STB 21.6/45 SW	1936270000	B.238
STB 21.6/45 SW	1936270000	B.243
STB 21.6/45 SW	1936270000	B.244
STB 21.6/45 VI	1936260000	B.238
STB 21.6/45 VI	1936260000	B.243
STB 21.6/45 VI	1936260000	B.244
STB 21.6/IH/BL WTL6/3	1071080000	B.246
STB 21.6/IH/BL WTL6/3	1071080000	B.247
STB 21.6/IH/DB WTL6/3	1071000000	B.246
STB 21.6/IH/GE WTL6/3	1071010000	B.246
STB 21.6/IH/GE WTL6/3	1071010000	B.247
STB 21.6/IH/GN WTL6/3	1071020000	B.246
STB 21.6/IH/GN WTL6/3	1071020000	B.247

Type	Order No.	Page
STB 21.6/IH/SW WTL6/3	1071040000	B.246
STB 21.6/IH/VI WTL6/3	1071030000	B.246
STB 21.6/IH/VI WTL6/3	1071030000	B.247
STB 30.5 IH/BL	0341200000	B.236
STB 30.5 IH/BL	0341200000	B.237
STB 30.5 IH/BR	1027870000	B.236
STB 30.5 IH/GE	0341500000	B.236
STB 30.5 IH/GE	0341500000	B.237
STB 30.5 IH/GN	0341400000	B.236
STB 30.5 IH/GN	0341400000	B.237
STB 30.5 IH/GR	0341100000	B.236
STB 30.5 IH/RT	0341300000	B.236
STB 30.5 IH/SW	0341000000	B.236
STB 30.5 IH/VI	0341600000	B.236
STB 30.5 IH/VI	0341600000	B.237
STB 36.8/IH/BL WTL6/1	1847790000	B.238
STB 36.8/IH/BL WTL6/1	1847790000	B.239
STB 36.8/IH/BL WTL6/1	1847790000	B.240
STB 36.8/IH/BL WTL6/1	1847790000	B.243
STB 36.8/IH/BL WTL6/1	1847790000	B.244
STB 36.8/IH/GE WTL6/1	1847760000	B.238
STB 36.8/IH/GE WTL6/1	1847760000	B.239
STB 36.8/IH/GE WTL6/1	1847760000	B.240
STB 36.8/IH/GE WTL6/1	1847760000	B.243
STB 36.8/IH/GE WTL6/1	1847760000	B.244
STB 36.8/IH/GN WTL6/1	1847770000	B.238
STB 36.8/IH/GN WTL6/1	1847770000	B.239
STB 36.8/IH/GN WTL6/1	1847770000	B.240
STB 36.8/IH/GN WTL6/1	1847770000	B.243
STB 36.8/IH/GN WTL6/1	1847770000	B.244
STB 36.8/IH/VI WTL6/1	1847780000	B.238
STB 36.8/IH/VI WTL6/1	1847780000	B.243
STB 36.8/IH/VI WTL6/1	1847780000	B.244
STB 8.5/5/2.3/M3 SAK2.5	0280600000	B.234
STB 8.5/D4/2.3/M2.5 AKZ	0215700000	A.298
STB 8.5/D4/2.3/M2.5 AKZ	0215700000	A.300
STB 8.5/D4/2.3/M2.5 AKZ	0215700000	A.302
STGH 4 ZRV1.5	1698190000	A.264
STGH 4 ZRV1.5/PE GN	1698200000	A.264
STGH O.ZA ZRV2.5	1907010000	A.265
STGH O.ZA/O.R/SW ZRV2.5	1898430000	A.265
STGH ZRV2.5	1907000000	A.265
STR 7 F.SCHT 7	0515300000	A.259
STR 7 F.SCHT 7	0515300000	A.267
SWIFTY CS SET	9006060000	A.206
SWIFTY CS SET	9006060000	A.207
SWIFTY CS SET	9006060000	A.212
SWIFTY CS SET	9006060000	A.347
SWIFTY CS SET	9006060000	A.348
SWIFTY CS SET	9006060000	A.349
SWIFTY CS SET	9006060000	A.399
SWIFTY CS SET	9006060000	A.400
SWIFTY CS SET	9006060000	A.401
SWIFTY CS SET	9006060000	A.402
SWIFTY CS SET	9006060000	A.403
SWIFTY CS SET	9006060000	B.198
SWIFTY CS SET	9006060000	B.199
SWIFTY CS SET	9006060000	B.200
SWIFTY CS SET	9006060000	B.202
SWIFTY CS SET	9006060000	B.203
SYMBOL-P. 25X25X25 B/DR	1741090000	A.447
SYMBOL-P. 50X50X50 B/DR	1741100000	A.447

T

TH-S 9-40	9008880000	A.314
TH-S 9-40	9008880000	A.315
TH-S 9-40	9008880000	B.28
TH-S 9-40	9008880000	B.29
TNST	1833090000	A.120
TNST	1833090000	A.121
TNST	1833090000	A.250
TNST	1833090000	A.251
TNST	1833090000	A.263
TNST	1833090000	A.295
TNST	1833090000	A.374
TNST	1833090000	A.375
TNST	1833090000	A.380
TNST	1833090000	A.382
TNST	1833090000	A.383
TNST	1833090000	B.165
TNST	1833090000	B.166
TNST	1833090000	B.167
TNST	1833090000	B.168
TNST	1833090000	B.169
TNST OR	2463540000	A.120
TNST OR	2463540000	A.121
TNST OR	2463540000	A.370
TNST OR	2463540000	A.371
TNST OR	2463540000	A.372
TNST OR	2463540000	A.380
TNST OR	2463540000	A.385
TNST OR	2463540000	A.386
TNST OR	2463540000	A.387
TNST OR	2463540000	B.145
TNST OR	2463540000	B.146
TNST OR	2463540000	B.147
TNST OR	2463540000	B.154
TNST OR	2463540000	B.156

Type	Order No.	Page
TNST OR	2463540000	B.190
TNST OR	2463540000	B.191
TNST OR	2463540000	B.192
TNST OR	2463540000	B.193
TS 15X5 2M/ST/ZN	0514200000	C.9
TS 15X5/LL 1M/ST/ZN	0117510000	C.9
TS 15X5/LL 2M/ST/ZN	0117500000	C.9
TS 20/CX10 2M/ST/ZN	2968890000	C.9
TS 27X12.5M/ST/F.ZN	1802690000	B.267
TS 27X12.5M/ST/F.ZN	1802690000	B.268
TS 27X12.5M/ST/F.ZN	1802690000	C.9
TS 32X15 2M/AL/BK	0169300000	C.10
TS 32X15 2M/CRN	0293220000	C.10
TS 32X15 2M/ST/ZN	0122800000	B.223
TS 32X15 2M/ST/ZN	0122800000	C.10
TS 32X15/LL 2M/ST/ZN	0514400000	C.10
TS 35X15 2M/ST/ZN	0236400000	C.11
TS 35X15/2.3 2M/AL/BK	1848290000	C.11
TS 35X15/2.3 2M/CU/BK	0270100000	B.24
TS 35X15/2.3 2M/CU/BK	0270100000	C.11
TS 35X15/2.3 2M/ST/ZN	0498000000	C.11
TS 35X15/5X18 2M/ST/SZ	1879100000	C.11
TS 35X15/5X18 2M/ST/ZN	1837380000	C.11
TS 35X15/6X18 2M/ST/ZN	1805980000	C.11
TS 35X15/6X25 2M/ST/ZN	1866290000	C.11
TS 35X15/LL 1M/ST/ZN	0236510000	C.11
TS 35X15/LL 2M/ST/SZ	7907490000	C.11
TS 35X15/LL 2M/ST/ZN	0236500000	B.223
TS 35X15/LL 2M/ST/ZN	0236500000	B.268
TS 35X15/LL 2M/ST/ZN	0236500000	B.269
TS 35X15/LL 2M/ST/ZN	0236500000	C.11
TS 35X15/LL 2M/ST/ZN/O	1071680000	C.11
TS 35X7.5 1M/ST/ZN	0383410000	C.10
TS 35X7.5 2M/AL/BK	0330800000	C.10
TS 35X7.5 2M/CRN	1747350000	C.10
TS 35X7.5 2M/CRN 316L	2716000000	C.10
TS 35X7.5 2M/ST/ZN	0383400000	B.268
TS 35X7.5 2M/ST/ZN	0383400000	B.269
TS 35X7.5 2M/ST/ZN	0383400000	C.10
TS 35X7.5/1.0 2M/CU/BK	2731380000	C.10
TS 35X7.5/5X18 2M/ST/SZ	1879090000	C.10
TS 35X7.5/LL 1M/ST/ZN	0514510000	C.10
TS 35X7.5/LL 2M/ST/SZ	7915060000	C.10
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.12
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.212
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.214
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.216
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.220
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.223
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.236
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.248
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.250
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.268
TS 35X7.5/LL 2M/ST/ZN	0514500000	B.269
TS 35X7.5/LL 2M/ST/ZN	0514500000	C.10
TS 35X7.5/LL/6 2M/ST/ZN	0514570000	C.10
TS 35X7.5/LL/6X18 2M/O	1071690000	C.10
TS END CAP 35X15	1283480000	B.24
TS END CAP 35X15	1283480000	C.11
TS END CAP 35X7.5	1283470000	B.12
TS END CAP 35X7.5	1283470000	C.11
TS TOP-6 35000-01	2709600000	B.236
TS TTB 6 BK	2710520000	B.213
TS TTB 6 BK	2710520000	B.215
TS TTB 6 BK	2710520000	B.217
TS TTB 6 BL	2710480000	B.213
TS TTB 6 BL	2710480000	B.215
TS TTB 6 BL	2710480000	B.217
TS TTB 6 BL	2710480000	B.222
TS TTB 6 GN	2710490000	B.213
TS TTB 6 GN	2710490000	B.215
TS TTB 6 GN	2710490000	B.217
TS TTB 6 GN	2710490000	B.222
TS TTB 6 OR	2710470000	B.212
TS TTB 6 OR	2710470000	B.213
TS TTB 6 OR	2710470000	B.214
TS TTB 6 OR	2710470000	B.215
TS TTB 6 OR	2710470000	B.216
TS TTB 6 OR	2710470000	B.217
TS TTB 6 OR	2710470000	B.220
TS TTB 6 OR	2710470000	B.221
TS TTB 6 OR	2710470000	B.222
TS TTB 6 VT	2710530000	B.213
TS TTB 6 VT	2710530000	B.215
TS TTB 6 VT	2710530000	B.217
TS TTB 6 VT	2710530000	B.222
TS TTB 6 YL	2710500000	B.213
TS TTB 6 YL	2710500000	B.215
TS TTB 6 YL	2710500000	B.217
TS TTB 6 YL	2710500000	B.222
TSCH 1	0319160000	B.130
TSCH 1	0319160000	B.131
TSCH 1	0319160000	B.132
TSCH 1	0319160000	B.133
TSK 35X15 2M PVC/GR	0514300000	C.11
TST 2/M5	1286600000	C.12
TST 2/M6	0101700000	C.12
TSTW 5/M5	0178100000	C.12
TSTW 5/M5 ZN	1779100000	C.12
TSTW 6/M6	0164000000	C.12
TSTW D 4.3	1610110000	C.12
TW AKZ2.5	0318560000	A.300
TW AKZ4	0348260000	A.302
TW PRV16	1173630000	B.162
TW PRV16 0-15	1230130000	B.162
TW PRV16 1-16	1230120000	B.162
TW PRV16 A-P	1230140000	B.162
TW PRV4	1173700000	B.160
TW PRV4	1173700000	B.163
TW PRV4 0-3	1230060000	B.160
TW PRV4 0-3	1230060000	B.163
TW PRV4 1-4	1230050000	B.160
TW PRV4 1-4	1230050000	B.163
TW PRV4 A-D	1230070000	B.160
TW PRV4 A-D	1230070000	B.163
TW PRV8	1173670000	B.161
TW PRV8	1173670000	B.163
TW PRV8 0-7	1230090000	B.161
TW PRV8 0-7	1230090000	B.163
TW PRV8 1-8	1230080000	B.161
TW PRV8 1-8	1230080000	B.163
TW PRV8 A-H	1230110000	B.161
TW PRV8 A-H	1230110000	B.163

V

VH 16.1/5/3.4	0309700000	B.238
VH 16.1/5/3.4	0309700000	B.239
VH 16.1/5/3.4	0309700000	B.240
VH 16.1/5/3.4	0309700000	B.243
VH 19/6.3/4.3	0318000000	B.244
VLI 1.5 DB	1784120000	A.329
VLI 1.5 DB	1784120000	B.99
VLI 1.5/PE DB	1784130000	A.329
VLI 1.5/PE DB	1784130000	B.99
VQB 1.5/50 BL	1633280000	A.329
VQB 1.5/50 BL	1633280000	A.380
VQB 1.5/50 BL	1633280000	B.99
VQB 1.5/50 BL	1633280000	B.130
VQB 1.5/50 BL	1633280000	B.131
VQB 1.5/50 BL	1633280000	B.132
VQB 1.5/50 BL	1633280000	B.133
VQB 1.5/50 RT	1633290000	A.329
VQB 1.5/50 RT	1633290000	A.380
VQB 1.5/50 RT	1633290000	B.99
VQB 1.5/50 RT	1633290000	B.130
VQB 1.5/50 RT	1633290000	B.131
VQB 1.5/50 RT	1633290000	B.132
VQB 1.5/50 RT	1633290000	B.133
VQB 1.5/50 SW	1635120000	A.329
VQB 1.5/50 SW	1635120000	A.380
VQB 1.5/50 SW	1635120000	B.99
VQB 1.5/50 SW	1635120000	B.130
VQB 1.5/50 SW	1635120000	B.131
VQB 1.5/50 SW	1635120000	B.132
VQB 1.5/50 SW	1635120000	B.133
VT DIGI PRO	9918870000	B.12
VT DIGI PRO	9918870000	B.24

W

W2C 4 DT	2892740000	A.370
W2C 4 DT	2892740000	B.145
W2C 4 DT BK	2892760000	A.370
W2C 4 DT BK	2892760000	B.145
W2C 4 DT BL	2892750000	A.370
W2C 4 DT BL	2892750000	B.145
W2C 4 DT STB	2892770000	A.370
W2C 4 DT STB	2892770000	B.145
W2C 4 DT W/O DTLV	2892780000	A.371
W2C 4 DT W/O DTLV	2892780000	B.146
W2C 4 DT W/O DTLV BK	2892800000	A.371
W2C 4 DT W/O DTLV BK	2892800000	B.146
W2C 4 DT W/O DTLV BL	2892790000	A.371
W2C 4 DT W/O DTLV BL	2892790000	B.146
W2C 4 DT-PE	2892810000	A.372
W2C 4 DT-PE	2892810000	B.147
W2C 4 DT-PE STB	2892820000	A.372
W2C 4 DT-PE STB	2892820000	B.147
W2C 4 DTCA BK	3019240000	A.344
W2C 4 DTCA BK	3019240000	B.150
W2C 4 DTCA BK STB	3019260000	A.345
W2C 4 DTCA BK STB	3019260000	B.151
W2C 4 DTCA BL	3018940000	A.343
W2C 4 DTCA BL	3018940000	B.149
W2C 4 DTCA DB	3018840000	A.343
W2C 4 DTCA DB	3018840000	B.149
W2C 4 DTCA-PE BK	3019280000	A.345
W2C 4 DTCA-PE BK	3019280000	B.151
W2C 4 FS 10-36V BK	2893000000	A.343
W2C 4 FS 10-36V BK	2893000000	B.149
W2C 4 FS 10-36V BK STB	2892940000	A.344
W2C 4 FS 10-36V BK STB	2892940000	B.150
W2C 4 FS 10-36V BL	2892990000	A.342
W2C 4 FS 10-36V BL	2892990000	B.148
W2C 4 FS 10-36V DB	2892980000	A.342
W2C 4 FS 10-36V DB	2892980000	B.148
W2C 4 FS 100-250V BK	2893110000	A.343
W2C 4 FS 100-250V BK	2893110000	B.149
W2C 4 FS 100-250V BK STB	2892970000	A.344
W2C 4 FS 100-250V BK STB	2892970000	B.150
W2C 4 FS 100-250V BL	2893090000	A.342
W2C 4 FS 100-250V BL	2893090000	B.148
W2C 4 FS 100-250V DB	2893080000	A.342
W2C 4 FS 100-250V DB	2893080000	B.148
W2C 4 FS 30-70V BK	2893030000	A.343
W2C 4 FS 30-70V BK	2893030000	B.149
W2C 4 FS 30-70V BK STB	2892950000	A.344
W2C 4 FS 30-70V BK STB	2892950000	B.150
W2C 4 FS 30-70V BL	2893020000	A.342
W2C 4 FS 30-70V BL	2893020000	B.148
W2C 4 FS 30-70V DB	2893010000	A.342
W2C 4 FS 30-70V DB	2893010000	B.148
W2C 4 FS 60-150V BK	2893070000	A.343
W2C 4 FS 60-150V BK	2893070000	B.149
W2C 4 FS 60-150V BK STB	2892960000	A.344
W2C 4 FS 60-150V BK STB	2892960000	B.150
W2C 4 FS 60-150V BL	2893050000	A.342
W2C 4 FS 60-150V BL	2893050000	B.148
W2C 4 FS 60-150V DB	2893040000	A.342
W2C 4 FS 60-150V DB	2893040000	B.148
W2C 4 FS BK	2892920000	A.343
W2C 4 FS BK	2892920000	B.149
W2C 4 FS BK STB	2892930000	A.344
W2C 4 FS BK STB	2892930000	B.150
W2C 4 FS BL	2892910000	A.342
W2C 4 FS BL	2892910000	B.148
W2C 4 FS DB	2892900000	A.342
W2C 4 FS DB	2892900000	B.148
W2C 4 FS-PE 10-36V BK	2893140000	A.345
W2C 4 FS-PE 10-36V BK	2893140000	B.151
W2C 4 FS-PE 10-36V BK STB	2893180000	A.346
W2C 4 FS-PE 10-36V BK STB	2893180000	B.152
W2C 4 FS-PE 100-250V BK	2893170000	A.345
W2C 4 FS-PE 100-250V BK	2893170000	B.151
W2C 4 FS-PE 100-250V BK STB	2893210000	A.346
W2C 4 FS-PE 100-250V BK STB	2893210000	B.152
W2C 4 FS-PE 30-70V BK	2893150000	A.345
W2C 4 FS-PE 30-70V BK	2893150000	B.151
W2C 4 FS-PE 30-70V BK STB	2893190000	A.346
W2C 4 FS-PE 30-70V BK STB	2893190000	B.152
W2C 4 FS-PE 60-150V BK	2893160000	A.345
W2C 4 FS-PE 60-150V BK	2893160000	B.151
W2C 4 FS-PE 60-150V BK STB	2893200000	A.346
W2C 4 FS-PE 60-150V BK STB	2893200000	B.152
W2C 4 FS-PE BK	2893120000	A.345
W2C 4 FS-PE BK	2893120000	B.151
W2C 4 FS-PE BK STB	2893130000	A.346
W2C 4 FS-PE BK STB	2893130000	B.152
W2C 4 FT	2892650000	B.143
W2C 4 FT BK	2892670000	B.143
W2C 4 FT BL	2892660000	B.143
W2C 4 FT STB	2892680000	B.143
W2C 4 FT-PE	2892690000	B.144
W2C 4 FT-PE STB	2892700000	B.144
W2T 4 DT-FT	2893690000	A.385
W2T 4 DT-FT	2893690000	B.154
W2T 4 DT-FT BK	2893710000	A.385
W2T 4 DT-FT BK	2893710000	B.154
W2T 4 DT-FT BL	2893700000	A.385
W2T 4 DT-FT BL	2893700000	B.154
W2T 4 DT-FT STB	2893720000	A.385
W2T 4 DT-FT STB	2893720000	B.154
W2T 4 DT-FT-PE	2893730000	A.386
W2T 4 DT-FT-PE	2893730000	B.156
W2T 4 DT-FT-PE STB	2893740000	A.387
W2T 4 DT-FT-PE STB	2893740000	B.156
W2T 4 DTCA-FT BK	3019340000	A.385
W2T 4 DTCA-FT BK	3019340000	B.155
W2T 4 DTCA-FT BL	3019320000	A.385
W2T 4 DTCA-FT BL	3019320000	B.155
W2T 4 DTCA-FT DB	3019300000	A.385
W2T 4 DTCA-FT DB	3019300000	B.155
W2T 4 DTCA-FT-PE BK	3019360000	A.386
W2T 4 DTCA-FT-PE BK	3019360000	B.155
W2T 4 FS-FT 10-36V BK	2893900000	A.361
W2T 4 FS-FT 10-36V BK	2893900000	B.158
W2T 4 FS-FT 10-36V BK STB	2894010000	A.361
W2T 4 FS-FT 10-36V BK STB	2894010000	B.158
W2T 4 FS-FT 10-36V BL	2893890000	A.360
W2T 4 FS-FT 10-36V BL	2893890000	B.157
W2T 4 FS-FT 10-36V DB	2893880000	A.360
W2T 4 FS-FT 10-36V DB	2893880000	B.157
W2T 4 FS-FT 100-250V BK	2893990000	A.361
W2T 4 FS-FT 100-250V BK	2893990000	B.158
W2T 4 FS-FT 100-250V BK STB	2894040000	A.361
W2T 4 FS-FT 100-250V BK STB	2894040000	B.158
W2T 4 FS-FT 100-250V BL	2893980000	A.360
W2T 4 FS-FT 100-250V BL	2893980000	B.157
W2T 4 FS-FT 100-250V DB	2893970000	A.360
W2T 4 FS-FT 100-250V DB	2893970000	B.157
W2T 4 FS-FT 30-70V BK	2893930000	A.361
W2T 4 FS-FT 30-70V BK	2893930000	B.158
W2T 4 FS-FT 30-70V BK STB	2894020000	A.361
W2T 4 FS-FT 30-70V BK STB	2894020000	B.158
W2T 4 FS-FT 30-70V BL	2893920000	A.360
W2T 4 FS-FT 30-70V BL	2893920000	B.157
W2T 4 FS-FT 30-70V DB	2893910000	A.360
W2T 4 FS-FT 30-70V DB	2893910000	B.157
W2T 4 FS-FT 60-150V BK	2893960000	A.361
W2T 4 FS-FT 60-150V BK	2893960000	B.158
W2T 4 FS-FT 60-150V BK STB	2894030000	A.361
W2T 4 FS-FT 60-150V BK STB	2894030000	B.158
W2T 4 FS-FT 60-150V BL	2893950000	A.360
W2T 4 FS-FT 60-150V BL	2893950000	B.157
W2T 4 FS-FT 60-150V DB	2893940000	A.360
W2T 4 FS-FT 60-150V DB	2893940000	B.157
W2T 4 FS-FT BK	2893870000	A.361
W2T 4 FS-FT BK	2893870000	B.158
W2T 4 FS-FT BK STB	2894000000	A.361
W2T 4 FS-FT BK STB	2894000000	B.158
W2T 4 FS-FT BL	2893860000	A.360
W2T 4 FS-FT BL	2893860000	B.157
W2T 4 FS-FT DB	2893850000	A.360
W2T 4 FS-FT DB	2893850000	B.157
W2T 4 FS-FT-PE 10-36V BK	2894060000	A.362
W2T 4 FS-FT-PE 10-36V BK	2894060000	B.159
W2T 4 FS-FT-PE 10-36V BK STB	2894110000	A.362
W2T 4 FS-FT-PE 10-36V BK STB	2894110000	B.159
W2T 4 FS-FT-PE 100-250V BK	2894090000	A.362
W2T 4 FS-FT-PE 100-250V BK	2894090000	B.159
W2T 4 FS-FT-PE 100-250V BK STB	2894140000	A.362
W2T 4 FS-FT-PE 100-250V BK STB	2894140000	B.159
W2T 4 FS-FT-PE 30-70V BK	2894070000	A.362
W2T 4 FS-FT-PE 30-70V BK	2894070000	B.159
W2T 4 FS-FT-PE 30-70V BK STB	2894120000	A.362
W2T 4 FS-FT-PE 30-70V BK STB	2894120000	B.159
W2T 4 FS-FT-PE 60-150V BK	2894080000	A.362
W2T 4 FS-FT-PE 60-150V BK	2894080000	B.159
W2T 4 FS-FT-PE 60-150V BK STB	2894130000	A.362
W2T 4 FS-FT-PE 60-150V BK STB	2894130000	B.159
W2T 4 FS-FT-PE BK	2894050000	A.362
W2T 4 FS-FT-PE BK	2894050000	B.159
W2T 4 FS-FT-PE BK STB	2894100000	A.362
W2T 4 FS-FT-PE BK STB	2894100000	B.159
W2T 4 FT-FT	3019380000	A.384
W2T 4 FT-FT	3019380000	B.153
W2T 4 FT-FT-PE	3019400000	A.384
W2T 4 FT-FT-PE	3019400000	B.153
WAD 12 MC B GE/SW	2445090000	A.310
WAD 12 MC B GE/SW	2445090000	A.311
WAD 12 MC B GE/SW	2445090000	A.312
WAD 12 MC B GE/SW	2445090000	A.313
WAD 12 MC B GE/SW	2445090000	B.26
WAD 12 MC B GE/SW	2445090000	B.27
WAD 12 MC B GE/SW	2445090000	B.287
WAD 12 MC B GE/SW	2445090000	B.288
WAD 12 MC NE WS	2445070000	A.310
WAD 12 MC NE WS	2445070000	A.311
WAD 12 MC NE WS	2445070000	A.312
WAD 12 MC NE WS	2445070000	A.313
WAD 12 MC NE WS	2445070000	B.26
WAD 12 MC NE WS	2445070000	B.27
WAD 12 MC NE WS	2445070000	B.287
WAD 12 MC NE WS	2445070000	B.288
WAD 16N GE BED	1083600000	A.313
WAD 16N GE BED	1083600000	B.26
WAD 16N GE BED	1083600000	B.288
WAD 20 GE WSD	9512260000	A.314
WAD 20 GE WSD	9512260000	A.315
WAD 20 GE WSD	9512260000	B.27
WAD 20 GE WSD	9512260000	B.28
WAD 20 GE WSD	9512260000	B.29
WAD 20 GE WSD	9512260000	B.289
WAD 20 GE WSD	9512260000	B.290
WAD 27 B GE/SW	1062860000	A.319
WAD 27 B GE/SW	1062860000	B.29
WAD 27 B GE/SW	1062860000	B.30
WAD 27 NE WS	1062960000	A.319
WAD 27 NE WS	1062960000	B.29
WAD 27 NE WS	1062960000	B.30
WAD 4 GE BED	1072000000	A.299
WAD 4 GE BED	1072000000	A.301
WAD 4 GE BED	1072000000	A.302
WAD 4 GE BED	1072000000	A.304
WAD 4 GE BED	1072000000	A.320
WAD 4 GE BED	1072000000	A.321
WAD 4 GE BED	1072000000	A.322
WAD 4 GE BED	1072000000	A.394
WAD 4 GE BED	1072000000	A.395
WAD 4 WS	1072100000	A.299
WAD 4 WS	1072100000	A.301
WAD 4 WS	1072100000	A.302
WAD 4 WS	1072100000	A.304
WAD 4 WS	1072100000	A.320
WAD 4 WS	1072100000	A.321
WAD 4 WS	1072100000	A.322
WAD 4 WS	1072100000	A.394
WAD 4 WS	1072100000	A.395
WAD 5 MC NE GE	1112920000	A.300
WAD 5 MC NE GE	1112920000	A.301
WAD 5 MC NE GE	1112920000	A.303
WAD 5 MC NE GE	1112920000	B.286
WAD 5 MC NE WS	1112910000	A.300
WAD 5 MC NE WS	1112910000	A.301
WAD 5 MC NE WS	1112910000	A.303

Type	Order No.	Page
WAD 5 MC NE WS	1112910000	B.212
WAD 5 MC NE WS	1112910000	B.214
WAD 5 MC NE WS	1112910000	B.216
WAD 5 MC NE WS	1112910000	B.220
WAD 5 MC NE WS	1112910000	B.286
WAD 8 MC B GE/SW	1120470000	A.310
WAD 8 MC NE GE	1112950000	A.306
WAD 8 MC NE GE	1112950000	A.307
WAD 8 MC NE GE	1112950000	A.308
WAD 8 MC NE GE	1112950000	A.309
WAD 8 MC NE GE	1112950000	A.325
WAD 8 MC NE GE	1112950000	A.326
WAD 8 MC NE GE	1112950000	A.327
WAD 8 MC NE GE	1112950000	A.328
WAD 8 MC NE GE	1112950000	A.329
WAD 8 MC NE GE	1112950000	A.341
WAD 8 MC NE GE	1112950000	B.98
WAD 8 MC NE WS	1112940000	A.306
WAD 8 MC NE WS	1112940000	A.307
WAD 8 MC NE WS	1112940000	A.308
WAD 8 MC NE WS	1112940000	A.309
WAD 8 MC NE WS	1112940000	A.310
WAD 8 MC NE WS	1112940000	A.325
WAD 8 MC NE WS	1112940000	A.326
WAD 8 MC NE WS	1112940000	A.327
WAD 8 MC NE WS	1112940000	A.328
WAD 8 MC NE WS	1112940000	A.329
WAD 8 MC NE WS	1112940000	A.341
WAD 8 MC NE WS	1112940000	B.98
WAD 8 MC NE WS	1112940000	B.236
WAD 8 MC NE WS	1112940000	B.250
WAD WDU1.5/BLZ/BLA	1577400000	A.397
WAD WMF2.5	1142970000	B.172
WAH 120	1064660000	A.441
WAH 120	1064660000	A.442
WAH 120	1064660000	A.447
WAH 185/300 BE	1064760000	A.442
WAH 185/300 BE	1064760000	A.443
WAH 185/300 BE	1064760000	A.447
WAH 35	1064460000	A.440
WAH 35	1064460000	A.447
WAH 70 BE	1064560000	A.441
WAH 70 BE	1064560000	A.447
WAP 16+35 WTW 2.5-10	1050100000	A.299
WAP 16+35 WTW 2.5-10	1050100000	A.300
WAP 16+35 WTW 2.5-10	1050100000	A.301
WAP 16+35 WTW 2.5-10	1050100000	A.303
WAP 16+35 WTW 2.5-10	1050100000	A.305
WAP 16+35 WTW 2.5-10	1050100000	A.306
WAP 16+35 WTW 2.5-10	1050100000	A.307
WAP 16+35 WTW 2.5-10	1050100000	A.308
WAP 16+35 WTW 2.5-10	1050100000	A.309
WAP 16+35 WTW 2.5-10	1050100000	A.310
WAP 16+35 WTW 2.5-10	1050100000	A.311
WAP 16+35 WTW 2.5-10	1050100000	A.312
WAP 16+35 WTW 2.5-10	1050100000	A.313
WAP 16+35 WTW 2.5-10	1050100000	A.350
WAP 16+35 WTW 2.5-10	1050100000	A.351
WAP 16+35 WTW 2.5-10	1050100000	A.352
WAP 16+35 WTW 2.5-10	1050100000	A.353
WAP 16+35 WTW 2.5-10	1050100000	A.354
WAP 16+35 WTW 2.5-10	1050100000	A.355
WAP 16+35 WTW 2.5-10	1050100000	A.357
WAP 16+35 WTW 2.5-10	1050100000	A.358
WAP 16+35 WTW 2.5-10	1050100000	A.359
WAP 16+35 WTW 2.5-10	1050100000	A.373
WAP 16+35 WTW 2.5-10	1050100000	A.375
WAP 16+35 WTW 2.5-10	1050100000	A.376
WAP 16+35 WTW 2.5-10	1050100000	A.377
WAP 16+35 WTW 2.5-10	1050100000	A.394
WAP 16+35 WTW 2.5-10	1050100000	A.399
WAP 16+35 WTW 2.5-10	1050100000	B.26
WAP 16+35 WTW 2.5-10	1050100000	B.27
WAP 16+35 WTW 2.5-10	1050100000	B.134
WAP 16+35 WTW 2.5-10	1050100000	B.286
WAP 16+35 WTW 2.5-10	1050100000	B.287
WAP 16+35 WTW 2.5-10	1050100000	B.288
WAP 16+35 WTW 2.5-10 BL	1050180000	A.299
WAP 16+35 WTW 2.5-10 BL	1050180000	A.300
WAP 16+35 WTW 2.5-10 BL	1050180000	A.301
WAP 16+35 WTW 2.5-10 BL	1050180000	A.303
WAP 16+35 WTW 2.5-10 BL	1050180000	A.306
WAP 16+35 WTW 2.5-10 BL	1050180000	A.308
WAP 16+35 WTW 2.5-10 BL	1050180000	A.310
WAP 16+35 WTW 2.5-10 BL	1050180000	A.311
WAP 16+35 WTW 2.5-10 BL	1050180000	A.312
WAP 16+35 WTW 2.5-10 BL	1050180000	A.313
WAP 16+35 WTW 2.5-10 BL	1050180000	A.394
WAP 16+35 WTW 2.5-10 BL	1050180000	B.26
WAP 16+35 WTW 2.5-10 BL	1050180000	B.27
WAP 16+35 WTW 2.5-10 BL	1050180000	B.286
WAP 16+35 WTW 2.5-10 BL	1050180000	B.287
WAP 16+35 WTW 2.5-10 BL	1050180000	B.288
WAP 2.5-10	1050000000	A.299
WAP 2.5-10	1050000000	A.300
WAP 2.5-10	1050000000	A.301
WAP 2.5-10	1050000000	A.303
WAP 2.5-10	1050000000	A.305
WAP 2.5-10	1050000000	A.306
WAP 2.5-10	1050000000	A.307
WAP 2.5-10	1050000000	A.308
WAP 2.5-10	1050000000	A.309
WAP 2.5-10	1050000000	A.330
WAP 2.5-10	1050000000	A.331
WAP 2.5-10	1050000000	A.350
WAP 2.5-10	1050000000	A.351
WAP 2.5-10	1050000000	A.352
WAP 2.5-10	1050000000	A.353
WAP 2.5-10	1050000000	A.354
WAP 2.5-10	1050000000	A.355
WAP 2.5-10	1050000000	A.358
WAP 2.5-10	1050000000	A.359
WAP 2.5-10	1050000000	A.368
WAP 2.5-10	1050000000	A.373
WAP 2.5-10	1050000000	A.375
WAP 2.5-10	1050000000	A.376
WAP 2.5-10	1050000000	A.377
WAP 2.5-10	1050000000	A.394
WAP 2.5-10	1050000000	A.399
WAP 2.5-10	1050000000	B.134
WAP 2.5-10	1050000000	B.198
WAP 2.5-10	1050000000	B.199
WAP 2.5-10	1050000000	B.200
WAP 2.5-10	1050000000	B.277
WAP 2.5-10	1050000000	B.286
WAP 2.5-10 BL	1050080000	A.299
WAP 2.5-10 BL	1050080000	A.300
WAP 2.5-10 BL	1050080000	A.301
WAP 2.5-10 BL	1050080000	A.303
WAP 2.5-10 BL	1050080000	A.306
WAP 2.5-10 BL	1050080000	A.308
WAP 2.5-10 BL	1050080000	A.309
WAP 2.5-10 BL	1050080000	A.394
WAP 2.5-10 BL	1050080000	B.198
WAP 2.5-10 BL	1050080000	B.199
WAP 2.5-10 BL	1050080000	B.200
WAP 2.5-10 BL	1050080000	B.286
WAP 2.5-10 SW	1050010000	A.359
WAP WDK 2.5N/TR-DU	1839850000	A.382
WAP WDK 2.5N/TR-DU	1839850000	A.383
WAP WDK1.5/R3.5	1754200000	A.320
WAP WDK10	1186720000	A.325
WAP WDK10	1186720000	A.326
WAP WDK10	1186720000	A.327
WAP WDK10	1186720000	A.328
WAP WDK10	1186720000	A.329
WAP WDK10	1186720000	A.341
WAP WDK10	1186720000	B.98
WAP WDK10 BL	1186730000	A.325
WAP WDK10 BL	1186730000	A.326
WAP WDK10 BL	1186730000	A.327
WAP WDK10 BL	1186730000	A.328
WAP WDK10 BL	1186730000	A.329
WAP WDK10 BL	1186730000	A.341
WAP WDK10 BL	1186730000	B.98
WAP WDK2.5	1059100000	A.320
WAP WDK2.5	1059100000	A.321
WAP WDK2.5	1059100000	A.322
WAP WDK2.5	1059100000	A.340
WAP WDK2.5	1059100000	A.395
WAP WDK2.5	1059100000	A.400
WAP WDK2.5	1059100000	A.401
WAP WDK2.5	1059100000	A.402
WAP WDK2.5	1059100000	A.403
WAP WDK2.5 BL	1059180000	A.320
WAP WDK2.5 BL	1059180000	A.321
WAP WDK2.5 BL	1059180000	A.322
WAP WDK2.5 BL	1059180000	A.395
WAP WDK2.5/4 N	1084000000	A.322
WAP WDK2.5/4 N	1084000000	A.323
WAP WDK2.5/4 N	1084000000	A.324
WAP WDK2.5/4 N	1084000000	A.325
WAP WDK2.5/4 N	1084000000	A.340
WAP WDK2.5/4 N	1084000000	A.341
WAP WDK2.5/4 N BL	1084080000	A.322
WAP WDK2.5/4 N BL	1084080000	A.323
WAP WDK2.5/4 N BL	1084080000	A.324
WAP WDK2.5/4 N BL	1084080000	A.325
WAP WDK2.5/4 N BL	1084080000	A.340
WAP WDK2.5/BLZ/M.ZA	1070100000	A.397
WAP WDK2.5/BLZ/O.ZA	1070000000	A.397
WAP WDL2.5	1067800000	B.202
WAP WDL2.5	1067800000	B.203
WAP WDL2.5/S	1067700000	B.204
WAP WDL2.5/S	1067700000	B.205
WAP WDT 2.5 AT	1305250000	A.388
WAP WDT 2.5 AT	1305250000	A.389
WAP WDT 2.5 BT	1305240000	A.388
WAP WDT 2.5/2	1305260000	A.389
WAP WDU/WTR4/ZR	1905070000	A.304
WAP WDU/WTR4/ZR	1905070000	A.333
WAP WDU/WTR4/ZR	1905070000	A.375
WAP WDU/WTR4/ZZ	1905150000	A.303
WAP WDU/WTR4/ZZ	1905150000	A.333
WAP WDU/WTR4/ZZ	1905150000	A.374
WAP WDU1.5/BLZ	1577330000	A.396
WAP WDU1.5/BLZ/ZA	1577320000	A.396
WAP WDU1.5/R3.5	1754190000	A.298
WAP WDU1.5/R3.5	1754190000	A.330
WAP WDU2.5N/4N	1060000000	A.301
WAP WDU2.5N/4N	1060000000	A.302
WAP WDU2.5N/4N	1060000000	A.304
WAP WDU2.5N/4N	1060000000	A.332
WAP WDU2.5N/4N	1060000000	A.334
WAP WDU2.5N/4N BL	1060080000	A.301
WAP WDU2.5N/4N BL	1060080000	A.302
WAP WDU2.5N/4N BL	1060080000	A.304
WAP WSI4/2	1880450000	A.349
WAP WT4/4AN/2	1107780000	A.390
WAP WTL 6	2863960000	B.236
WAP WTL 6	2863960000	B.237
WAP WTL 6 BL	2863970000	B.236
WAP WTL 6 BL	2863970000	B.237
WAP WTL 6 GR	2868500000	B.236
WAP WTL 6 GR	2868500000	B.237
WAP WTL 6 SW	2868510000	B.236
WAP WTL 6 SW	2868510000	B.237
WAP WTL4/2	1881640000	B.234
WAP WTL6 SL	9538110000	B.244
WAP WTL6 SL	9538110000	B.245
WAP WTL6 SL 4-6	1238880000	B.245
WAP WTL6/1 EN	1957710000	B.238
WAP WTL6/1 EN	1957710000	B.239
WAP WTL6/1 EN	1957710000	B.240
WAP WTR2.5/ZZ	1074600000	A.369
WBB WDK2.5/BL5.08	1072660000	A.397
WBB WDU1.5/BL...	1068160000	A.396
WBB WMF2.5 BLZ	1142980000	B.172
WBB ZA WDK2.5/BL5.08	1072760000	A.397
WBB ZA WDU1.5/BL 10/10	1068260000	A.396
WBBD 16 BL	2603850000	C.6
WBBD 16 GN	2603860000	C.6
WBBD 16 GY	2603840000	C.6
WD 1 25 K KARTE A 6 ST	1563900000	A.440
WD 1 25 K KARTE A 6 ST	1563900000	A.441
WD 1 25 K KARTE A 6 ST	1563900000	A.442
WD 1 25 K KARTE A 6 ST	1563900000	A.443
WDK 1.5/R3.5	1753290000	A.320
WDK 10	1186740000	A.325
WDK 10 BL	1186750000	A.325
WDK 10 DU-N	1415520000	A.327
WDK 10 DU-PE	1415480000	A.328
WDK 10 L	1415510000	A.326
WDK 10 PE	1415470000	A.341
WDK 10 SET BCD	1415540000	A.328
WDK 10 SET BCD	1415540000	B.98
WDK 10 SET LS	1415530000	A.329
WDK 10 SET LS	1415530000	B.98
WDK 10 V	1186770000	A.326
WDK 10 V BL	1186780000	A.326
WDK 2.5	1021500000	A.320
WDK 2.5 1D	8025610000	A.400
WDK 2.5 1D A.1	1023400000	A.400
WDK 2.5 1D A.2	1023300000	A.401
WDK 2.5 2D	1023500000	A.402
WDK 2.5 2D 1.A	8014670000	A.401
WDK 2.5 2D 2.A	1022600000	A.402
WDK 2.5 BL	1021580000	A.320
WDK 2.5 FF	1021700000	A.395
WDK 2.5 LD GR 1R 24VDC	8010040000	A.403
WDK 2.5 LD RT 24VDC +-	1023600000	A.403
WDK 2.5 LD RT 24VDC -+	8023630000	A.403
WDK 2.5 LD/GN 1R 24VDC	8023610000	A.403
WDK 2.5 ZQV	1041100000	A.321
WDK 2.5 ZQV BL	1041180000	A.321
WDK 2.5/BLZ/5.08/ZA	1034400000	A.397
WDK 2.5/BLZ/5.08/ZA V	1027410000	A.397
WDK 2.5/D	1023200000	A.403
WDK 2.5/D/3	1023100000	A.401
WDK 2.5/TR-DU	1247290000	A.382
WDK 2.5/TR-DU STB	1247310000	A.382
WDK 2.5/TR-DU-PE	1247420000	A.383
WDK 2.5/TR-DU-PE STB	1247430000	A.383
WDK 2.5/TR-DU-PE/O TNHE	1833640000	A.383
WDK 2.5/TR-DU/O TNHE	1833600000	A.382
WDK 2.5DU-PE	1036400000	A.322
WDK 2.5N	1041600000	A.322
WDK 2.5N BL	1041680000	A.322
WDK 2.5N DU-PE	1041650000	A.323
WDK 2.5N PE	1041620000	A.340
WDK 2.5N V	1041610000	A.323
WDK 2.5PE	1036300000	A.340
WDK 2.5V	1022300000	A.321
WDK 2.5V BL	1022380000	A.321
WDK 2.5V ZQV	2739600000	A.321
WDK 2.5V ZQV BL	2739610000	A.321
WDK 2.5V ZQV OR	2732600000	A.321
WDK 4N	1041900000	A.324
WDK 4N BL	1041980000	A.324
WDK 4N PE	1041920000	A.341
WDK 4N V	1041910000	A.325
WDL 2.5/L/L	1030300000	B.202
WDL 2.5/L/L/PE	1030200000	B.203
WDL 2.5/N/L/PE	1029900000	B.203
WDL 2.5/NT/L/PE	1029800000	B.202
WDL 2.5/S/L/L	1031200000	B.204
WDL 2.5/S/L/L/PE	1031100000	B.205
WDL 2.5/S/N/L/PE	1030700000	B.205
WDL 2.5/S/NT/L/PE	1030600000	B.204
WDT 1.5/1 DB/GE	1015800000	A.378
WDT 1.5/2 DB/GE	1015900000	A.378
WDT 1.5/3 DB/GE	1016000000	A.379
WDT 2.5 AT	1305320000	A.388
WDT 2.5 AT	1305320000	A.389
WDT 2.5 BT	1305310000	A.388
WDT 2.5/2	1305290000	A.389
WDT 2.5/2 V	1305300000	A.389
WDTR 2.5	2456000000	A.380
WDTR 2.5 BK	2851080000	A.380
WDTR 2.5 BL	2456010000	A.380
WDTR 2.5 O.STB	2456030000	A.380
WDTR 2.5 O.STB BL	2910900000	A.380
WDTR 2.5/WE	2456020000	A.380
WDU 1.5/BLZ 5.08	1577340000	A.396
WDU 1.5/R3.5	1753280000	A.298
WDU 1.5/R3.5 BL	1754170000	A.298
WDU 1.5/ZQV/BLZ 5.08	1784460000	A.396
WDU 1.5/ZZ	1031400000	A.299
WDU 1.5/ZZ BL	1031480000	A.299
WDU 10	1020300000	A.308
WDU 10 BL	1020380000	A.308
WDU 10 IR	1393380000	A.308
WDU 10 SL	9537480000	A.309
WDU 10 SL/EN	9537490000	A.309
WDU 10 SL/EN SW	9537410000	A.309
WDU 10/ZR	1042400000	A.309
WDU 10/ZR BL	1042480000	A.309
WDU 120/150	1024500000	A.319
WDU 120/150	1024500000	B.30
WDU 120/150 BL	1024580000	A.319
WDU 120/150 BL	1024580000	B.30
WDU 16	1020400000	A.310
WDU 16 BL	1020480000	A.310
WDU 16 GE/SW	2000040000	B.287
WDU 16 IR	1393390000	A.311
WDU 16/ZA	1028900000	A.310
WDU 16/ZA BL	1028980000	A.310
WDU 16N	1036100000	A.311
WDU 16N BL	1036180000	A.311
WDU 16N GE/SW	2000050000	B.287
WDU 2.5	1020000000	A.300
WDU 2.5 BL	1020080000	A.300
WDU 2.5 F 2X2.8	1021800000	A.394
WDU 2.5 FF 2X2.8	1021900000	A.394
WDU 2.5 GE/SW	2429520000	B.286
WDU 2.5 HV	1412950000	A.301
WDU 2.5/1.5/ZR	1024700000	A.299
WDU 2.5/1.5/ZR BL	1024780000	A.299
WDU 2.5/AP/TC BL TYP K	1032880000	B.135
WDU 2.5/TC TYP B	1033700000	B.134
WDU 2.5/TC TYP B	1033700000	B.135
WDU 2.5/TC TYP E	1033300000	B.134
WDU 2.5/TC TYP E	1033300000	B.135
WDU 2.5/TC TYP J	1024300000	B.134
WDU 2.5/TC TYP J	1024300000	B.135
WDU 2.5/TC TYP K	1024100000	B.134
WDU 2.5/TC TYP K	1024100000	B.135
WDU 2.5/TC TYP N	1041500000	B.134
WDU 2.5/TC TYP N	1041500000	B.135
WDU 2.5/TC TYP SR	1024400000	B.134
WDU 2.5/TC TYP SR	1024400000	B.135
WDU 2.5/TC TYP T	1024200000	B.134
WDU 2.5/TC TYP T	1024200000	B.135
WDU 2.5N	1023700000	A.301
WDU 2.5N BL	1023780000	A.301
WDU 2.5N ZQV	1040800000	A.301
WDU 2.5N ZQV BL	1040880000	A.301
WDU 2.5N/600UL	1730940000	A.302
WDU 240	1802780000	A.316
WDU 240	1802780000	B.30
WDU 240 BL	1822210000	A.316
WDU 240 BL	1822210000	B.30
WDU 35	1020500000	A.312
WDU 35	1020500000	B.26
WDU 35 BL	1020580000	A.312
WDU 35 GE/SW	2000060000	B.288
WDU 35 IR	1393400000	A.312
WDU 35 IR	1393400000	B.27
WDU 35/IK	1020600000	A.313
WDU 35/IK	1020600000	B.27
WDU 35/IK BL	1020680000	A.313
WDU 35/IK/ZA	1029000000	A.313
WDU 35/ZA	1028800000	A.312
WDU 35/ZA BL	1028880000	A.312
WDU 35N	1040400000	A.313
WDU 35N	1040400000	B.26
WDU 35N BL	1040480000	A.313
WDU 35N GE/SW	2000090000	B.288
WDU 4	1020100000	A.303
WDU 4 BL	1020180000	A.303
WDU 4 GE/SW	1020190000	B.286
WDU 4 HV	1412960000	A.303
WDU 4 SL	9537440000	A.305
WDU 4 SL BL	9203060000	A.305
WDU 4 SL/EN	9537450000	A.305
WDU 4/ZR	1905140000	A.304
WDU 4/ZZ	1905060000	A.303

Type	Order No.	Page
WDU 4/ZZ BL	1114720000	A.303
WDU 4N	1042600000	A.304
WDU 4N BL	1042680000	A.304
WDU 50N	1820840000	A.314
WDU 50N	1820840000	B.27
WDU 50N BL	1820850000	A.314
WDU 50N BL	1820850000	B.27
WDU 50N GE/SW	2000080000	B.289
WDU 50N IR	1186630000	A.314
WDU 50N IR	1186630000	B.28
WDU 6	1020200000	A.306
WDU 6 BL	1020280000	A.306
WDU 6 HV	1412970000	A.306
WDU 6 IR	1393350000	A.306
WDU 6 SL	9537460000	A.307
WDU 6 SL/EN	9537470000	A.307
WDU 70/95	1024600000	A.319
WDU 70/95	1024600000	B.29
WDU 70/95 BL	1024680000	A.319
WDU 70/95 BL	1024680000	B.29
WDU 70N/35	9512190000	A.315
WDU 70N/35	9512190000	B.28
WDU 70N/35 BL	9512420000	A.315
WDU 70N/35 BL	9512420000	B.28
WDU 70N/35 GE/SW	2000100000	B.290
WDU 70N/35 IR	1393420000	A.315
WDU 70N/35 IR	1393420000	B.29
WDU 95N/120N	1820550000	A.315
WDU 95N/120N	1820550000	B.29
WDU 95N/120N BL	1820560000	A.315
WDU 95N/120N BL	1820560000	B.29
WDU 95N/120N GE/SW	2000110000	B.290
WDUB 16	2868370000	A.310
WDUL 4	8161820000	A.399
WDUL 4/10	1027000000	A.399
WDUL 4/100	1027300000	A.399
WDUL 4/10K	1027700000	A.399
WDUL 4/1K	1027500000	A.399
WDUL 4/500	1027400000	A.399
WDUL 4/500K	1028000000	A.399
WDUL 4/50K	1027800000	A.399
WDUL 4/5K	1027600000	A.399
WEP 2C 4	2894210000	A.342
WEP 2C 4	2894210000	A.343
WEP 2C 4	2894210000	A.344
WEP 2C 4	2894210000	A.345
WEP 2C 4	2894210000	A.346
WEP 2C 4	2894210000	A.370
WEP 2C 4	2894210000	A.371
WEP 2C 4	2894210000	A.372
WEP 2C 4	2894210000	B.143
WEP 2C 4	2894210000	B.144
WEP 2C 4	2894210000	B.145
WEP 2C 4	2894210000	B.146
WEP 2C 4	2894210000	B.147
WEP 2C 4	2894210000	B.148
WEP 2C 4	2894210000	B.149
WEP 2C 4	2894210000	B.150
WEP 2C 4	2894210000	B.151
WEP 2C 4	2894210000	B.152
WEP 2C 4 BK	2894230000	A.342
WEP 2C 4 BK	2894230000	A.343
WEP 2C 4 BK	2894230000	A.344
WEP 2C 4 BK	2894230000	A.345
WEP 2C 4 BK	2894230000	A.346
WEP 2C 4 BK	2894230000	A.370
WEP 2C 4 BK	2894230000	A.371
WEP 2C 4 BK	2894230000	A.372
WEP 2C 4 BK	2894230000	B.143
WEP 2C 4 BK	2894230000	B.144
WEP 2C 4 BK	2894230000	B.145
WEP 2C 4 BK	2894230000	B.146
WEP 2C 4 BK	2894230000	B.147
WEP 2C 4 BK	2894230000	B.148
WEP 2C 4 BK	2894230000	B.149
WEP 2C 4 BK	2894230000	B.150
WEP 2C 4 BK	2894230000	B.151
WEP 2C 4 BK	2894230000	B.152
WEP 2C 4 BL	2894220000	A.342
WEP 2C 4 BL	2894220000	A.343
WEP 2C 4 BL	2894220000	A.344
WEP 2C 4 BL	2894220000	A.345
WEP 2C 4 BL	2894220000	A.346
WEP 2C 4 BL	2894220000	A.370
WEP 2C 4 BL	2894220000	A.371
WEP 2C 4 BL	2894220000	A.372
WEP 2C 4 BL	2894220000	B.143
WEP 2C 4 BL	2894220000	B.144
WEP 2C 4 BL	2894220000	B.145
WEP 2C 4 BL	2894220000	B.146
WEP 2C 4 BL	2894220000	B.147
WEP 2C 4 BL	2894220000	B.148
WEP 2C 4 BL	2894220000	B.149
WEP 2C 4 BL	2894220000	B.150
WEP 2C 4 BL	2894220000	B.151
WEP 2C 4 BL	2894220000	B.152
WEP 2T 4	2894240000	A.360
WEP 2T 4	2894240000	A.361
WEP 2T 4	2894240000	A.362
WEP 2T 4	2894240000	A.384
WEP 2T 4	2894240000	A.385
WEP 2T 4	2894240000	A.386
WEP 2T 4	2894240000	A.387
WEP 2T 4	2894240000	B.153
WEP 2T 4	2894240000	B.154
WEP 2T 4	2894240000	B.155
WEP 2T 4	2894240000	B.156
WEP 2T 4	2894240000	B.157
WEP 2T 4	2894240000	B.158
WEP 2T 4	2894240000	B.159
WEP 2T 4 BK	2894260000	A.360
WEP 2T 4 BK	2894260000	A.361
WEP 2T 4 BK	2894260000	A.362
WEP 2T 4 BK	2894260000	A.384
WEP 2T 4 BK	2894260000	A.385
WEP 2T 4 BK	2894260000	A.386
WEP 2T 4 BK	2894260000	A.387
WEP 2T 4 BK	2894260000	B.153
WEP 2T 4 BK	2894260000	B.154
WEP 2T 4 BK	2894260000	B.155
WEP 2T 4 BK	2894260000	B.156
WEP 2T 4 BK	2894260000	B.157
WEP 2T 4 BK	2894260000	B.158
WEP 2T 4 BK	2894260000	B.159
WEP 2T 4 BL	2894250000	A.360
WEP 2T 4 BL	2894250000	A.361
WEP 2T 4 BL	2894250000	A.362
WEP 2T 4 BL	2894250000	A.384
WEP 2T 4 BL	2894250000	A.385
WEP 2T 4 BL	2894250000	A.386
WEP 2T 4 BL	2894250000	A.387
WEP 2T 4 BL	2894250000	B.153
WEP 2T 4 BL	2894250000	B.154
WEP 2T 4 BL	2894250000	B.155
WEP 2T 4 BL	2894250000	B.156
WEP 2T 4 BL	2894250000	B.157
WEP 2T 4 BL	2894250000	B.158
WEP 2T 4 BL	2894250000	B.159
WEW 32/1	1067600000	C.15
WEW 35/1	1059000000	A.310
WEW 35/1	1059000000	A.311
WEW 35/1	1059000000	A.312
WEW 35/1	1059000000	A.313
WEW 35/1	1059000000	A.314
WEW 35/1	1059000000	A.315
WEW 35/1	1059000000	A.316
WEW 35/1	1059000000	A.319
WEW 35/1	1059000000	A.329
WEW 35/1	1059000000	A.335
WEW 35/1	1059000000	A.336
WEW 35/1	1059000000	A.337
WEW 35/1	1059000000	A.338
WEW 35/1	1059000000	A.339
WEW 35/1	1059000000	A.382
WEW 35/1	1059000000	A.383
WEW 35/1	1059000000	A.397
WEW 35/1	1059000000	A.440
WEW 35/1	1059000000	A.441
WEW 35/1	1059000000	A.442
WEW 35/1	1059000000	A.443
WEW 35/1	1059000000	B.21
WEW 35/1	1059000000	B.26
WEW 35/1	1059000000	B.27
WEW 35/1	1059000000	B.28
WEW 35/1	1059000000	B.29
WEW 35/1	1059000000	B.30
WEW 35/1	1059000000	B.32
WEW 35/1	1059000000	B.33
WEW 35/1	1059000000	B.34
WEW 35/1	1059000000	B.35
WEW 35/1	1059000000	B.99
WEW 35/1	1059000000	B.165
WEW 35/1	1059000000	B.167
WEW 35/1	1059000000	B.168
WEW 35/1	1059000000	B.169
WEW 35/1	1059000000	B.287
WEW 35/1	1059000000	B.288
WEW 35/1	1059000000	B.289
WEW 35/1	1059000000	B.290
WEW 35/1	1059000000	B.293
WEW 35/1	1059000000	C.5
WEW 35/1	1059000000	C.15
WEW 35/1 GR	1227890000	C.5
WEW 35/1 GR	1227890000	C.15
WEW 35/1 SW	1162600000	B.162
WEW 35/1 SW	1162600000	C.5
WEW 35/1 SW	1162600000	C.15
WEW 35/2	1061200000	A.299
WEW 35/2	1061200000	A.300
WEW 35/2	1061200000	A.301
WEW 35/2	1061200000	A.302
WEW 35/2	1061200000	A.303
WEW 35/2	1061200000	A.304
WEW 35/2	1061200000	A.305
WEW 35/2	1061200000	A.306
WEW 35/2	1061200000	A.307
WEW 35/2	1061200000	A.308
WEW 35/2	1061200000	A.309
WEW 35/2	1061200000	A.310
WEW 35/2	1061200000	A.311
WEW 35/2	1061200000	A.313
WEW 35/2	1061200000	A.320
WEW 35/2	1061200000	A.321
WEW 35/2	1061200000	A.322
WEW 35/2	1061200000	A.323
WEW 35/2	1061200000	A.324
WEW 35/2	1061200000	A.325
WEW 35/2	1061200000	A.326
WEW 35/2	1061200000	A.327
WEW 35/2	1061200000	A.328
WEW 35/2	1061200000	A.329
WEW 35/2	1061200000	A.330
WEW 35/2	1061200000	A.331
WEW 35/2	1061200000	A.332
WEW 35/2	1061200000	A.333
WEW 35/2	1061200000	A.334
WEW 35/2	1061200000	A.335
WEW 35/2	1061200000	A.336
WEW 35/2	1061200000	A.337
WEW 35/2	1061200000	A.340
WEW 35/2	1061200000	A.341
WEW 35/2	1061200000	A.342
WEW 35/2	1061200000	A.343
WEW 35/2	1061200000	A.344
WEW 35/2	1061200000	A.345
WEW 35/2	1061200000	A.346
WEW 35/2	1061200000	A.347
WEW 35/2	1061200000	A.348
WEW 35/2	1061200000	A.349
WEW 35/2	1061200000	A.350
WEW 35/2	1061200000	A.351
WEW 35/2	1061200000	A.354
WEW 35/2	1061200000	A.355
WEW 35/2	1061200000	A.356
WEW 35/2	1061200000	A.359
WEW 35/2	1061200000	A.360
WEW 35/2	1061200000	A.361
WEW 35/2	1061200000	A.362
WEW 35/2	1061200000	A.368
WEW 35/2	1061200000	A.369
WEW 35/2	1061200000	A.370
WEW 35/2	1061200000	A.371
WEW 35/2	1061200000	A.372
WEW 35/2	1061200000	A.373
WEW 35/2	1061200000	A.374
WEW 35/2	1061200000	A.375
WEW 35/2	1061200000	A.376
WEW 35/2	1061200000	A.377
WEW 35/2	1061200000	A.378
WEW 35/2	1061200000	A.379
WEW 35/2	1061200000	A.380
WEW 35/2	1061200000	A.384
WEW 35/2	1061200000	A.385
WEW 35/2	1061200000	A.386
WEW 35/2	1061200000	A.387
WEW 35/2	1061200000	A.388
WEW 35/2	1061200000	A.389
WEW 35/2	1061200000	A.390
WEW 35/2	1061200000	A.394
WEW 35/2	1061200000	A.395
WEW 35/2	1061200000	A.396
WEW 35/2	1061200000	A.399
WEW 35/2	1061200000	A.400
WEW 35/2	1061200000	A.401
WEW 35/2	1061200000	A.402
WEW 35/2	1061200000	A.403
WEW 35/2	1061200000	A.434
WEW 35/2	1061200000	A.435
WEW 35/2	1061200000	A.436
WEW 35/2	1061200000	A.437
WEW 35/2	1061200000	A.438
WEW 35/2	1061200000	A.439
WEW 35/2	1061200000	B.26
WEW 35/2	1061200000	B.32
WEW 35/2	1061200000	B.56
WEW 35/2	1061200000	B.58
WEW 35/2	1061200000	B.60
WEW 35/2	1061200000	B.61
WEW 35/2	1061200000	B.62
WEW 35/2	1061200000	B.64
WEW 35/2	1061200000	B.66
WEW 35/2	1061200000	B.68
WEW 35/2	1061200000	B.70
WEW 35/2	1061200000	B.71
WEW 35/2	1061200000	B.74
WEW 35/2	1061200000	B.75
WEW 35/2	1061200000	B.78
WEW 35/2	1061200000	B.80
WEW 35/2	1061200000	B.82
WEW 35/2	1061200000	B.84
WEW 35/2	1061200000	B.86
WEW 35/2	1061200000	B.88
WEW 35/2	1061200000	B.98
WEW 35/2	1061200000	B.134
WEW 35/2	1061200000	B.143
WEW 35/2	1061200000	B.144
WEW 35/2	1061200000	B.145
WEW 35/2	1061200000	B.146
WEW 35/2	1061200000	B.147
WEW 35/2	1061200000	B.148
WEW 35/2	1061200000	B.149
WEW 35/2	1061200000	B.150
WEW 35/2	1061200000	B.151
WEW 35/2	1061200000	B.152
WEW 35/2	1061200000	B.153
WEW 35/2	1061200000	B.154
WEW 35/2	1061200000	B.155
WEW 35/2	1061200000	B.156
WEW 35/2	1061200000	B.157
WEW 35/2	1061200000	B.158
WEW 35/2	1061200000	B.159
WEW 35/2	1061200000	B.164
WEW 35/2	1061200000	B.166
WEW 35/2	1061200000	B.167
WEW 35/2	1061200000	B.198
WEW 35/2	1061200000	B.199
WEW 35/2	1061200000	B.200
WEW 35/2	1061200000	B.202
WEW 35/2	1061200000	B.203
WEW 35/2	1061200000	B.204
WEW 35/2	1061200000	B.205
WEW 35/2	1061200000	B.234
WEW 35/2	1061200000	B.236
WEW 35/2	1061200000	B.237
WEW 35/2	1061200000	B.238
WEW 35/2	1061200000	B.239
WEW 35/2	1061200000	B.240
WEW 35/2	1061200000	B.244
WEW 35/2	1061200000	B.245
WEW 35/2	1061200000	B.246
WEW 35/2	1061200000	B.247
WEW 35/2	1061200000	B.277
WEW 35/2	1061200000	B.286
WEW 35/2	1061200000	B.287
WEW 35/2	1061200000	B.288
WEW 35/2	1061200000	C.5
WEW 35/2	1061200000	C.15
WEW 35/2 GR	1859200000	B.40
WEW 35/2 GR	1859200000	B.41
WEW 35/2 GR	1859200000	B.44
WEW 35/2 GR	1859200000	B.45
WEW 35/2 GR	1859200000	B.48
WEW 35/2 GR	1859200000	B.50
WEW 35/2 GR	1859200000	C.5
WEW 35/2 GR	1859200000	C.15
WEW 35/2 RM	3112290000	C.17
WEW 35/2 SW	1061210000	A.380
WEW 35/2 SW	1061210000	C.5
WEW 35/2 SW	1061210000	C.15
WEW WTL 35	1925040000	B.248
WEW WTL 35	1925040000	B.249
WF 10	1780870000	A.436
WF 10 NFF	1968950000	A.437
WF 10/2BZ	1789790000	A.439
WF 12	1780880000	A.437
WF 12 NFF	1968940000	A.437
WF 5	1790130000	A.434
WF 5 NFF	1968990000	A.434
WF 6	1780850000	A.435
WF 6 NFF	1969000000	A.435
WF 6/2BZ	1789770000	A.438
WF 8	1780860000	A.435
WF 8 NFF	1968960000	A.436
WF 8/2BZ	1789780000	A.438
WFF 120	1028500000	A.441
WFF 120 BL	1028580000	A.441
WFF 120 NFF	1049240000	A.442
WFF 120/AH	1029500000	A.441
WFF 185	1028600000	A.442
WFF 185 BL	1028680000	A.442
WFF 185 NFF	1049250000	A.443
WFF 185/AH	1029600000	A.442
WFF 300	1028700000	A.443
WFF 300/AH	1029700000	A.443
WFF 35	1028300000	A.440
WFF 35 BL	1028380000	A.440
WFF 35 NFF	1049220000	A.440
WFF 35/AH	1029300000	A.440
WFF 70	1028400000	A.441
WFF 70 BL	1028480000	A.441
WFF 70 NFF	1049230000	A.441
WFF 70/AH	1029400000	A.441
WHP 2.5-35N/10X3 BL	1050280000	B.198
WHP 2.5-35N/10X3 BL	1050280000	B.199
WHP 2.5-35N/10X3 BL	1050280000	B.200
WHP WDL2.5/S BL	1067980000	B.202
WHP WDL2.5/S BL	1067980000	B.203
WHP WDL2.5/S BL	1067980000	B.204
WHP WDL2.5/S BL	1067980000	B.205
WKB 1/10	1604330000	B.243
WKB 1/2	1604280000	B.243
WKB 1/3	1604300000	B.243
WKB 1/4	1604320000	B.243
WKS 1/2	1604270000	B.243
WKS 1/2	1604270000	B.246
WKS 1/2	1604270000	B.247

Type	Order No.	Page
WKS 1/3	1604290000	B.243
WKS 1/3	1604290000	B.247
WKS 1/4	1604310000	B.243
WKS 1/4	1604310000	B.247
WKS 2/2	1936140000	B.238
WKS 2/2	1936140000	B.239
WKS 2/2	1936140000	B.240
WKS 2/2	1936140000	B.243
WKS 2/3	1936150000	B.239
WKS 2/3	1936150000	B.240
WKS 2/3	1936150000	B.243
WKS 2/3	1936150000	B.244
WKS 2/4	1936160000	B.239
WKS 2/4	1936160000	B.240
WMF 2.5	1143070000	B.164
WMF 2.5 BL	1270040000	B.164
WMF 2.5 BLZ	1143050000	B.167
WMF 2.5 DI	1143020000	B.164
WMF 2.5 DI BL	1270070000	B.164
WMF 2.5 DI BLZ	1143000000	B.167
WMF 2.5 DI BLZ PE	1143010000	B.168
WMF 2.5 DI PE	1143030000	B.165
WMF 2.5 DI PE BL	1270080000	B.165
WMF 2.5 FU 10-36V SW	1162930000	B.166
WMF 2.5 FU 100-250V SW	1162960000	B.166
WMF 2.5 FU 30-70V SW	1162940000	B.166
WMF 2.5 FU 60-150V SW	1162950000	B.166
WMF 2.5 FU BLZ 10-36V SW	1162990000	B.169
WMF 2.5 FU BLZ 100-250V SW	1163020000	B.169
WMF 2.5 FU BLZ 30-70V SW	1163000000	B.169
WMF 2.5 FU BLZ 60-150V SW	1163010000	B.169
WMF 2.5 FU BLZ PE 10-36V SW	1162830000	B.169
WMF 2.5 FU BLZ PE 100-250V SW	1162860000	B.169
WMF 2.5 FU BLZ PE SW	1162820000	B.169
WMF 2.5 FU BLZ SW	1162980000	B.169
WMF 2.5 FU PE 10-36V SW	1163050000	B.166
WMF 2.5 FU PE 100-250V SW	1163080000	B.166
WMF 2.5 FU PE 30-70V SW	1163060000	B.166
WMF 2.5 FU PE 60-150V SW	1163070000	B.166
WMF 2.5 FU PE SW	1163040000	B.166
WMF 2.5 FU SW	1162920000	B.166
WNT 10 10X3	1010980000	B.199
WNT 10 10X3 BE	1010900000	B.199
WNT 16N 10X3	1019000000	B.199
WNT 2.5 10X3	1010680000	B.198
WNT 2.5 10X3 BE	1010600000	B.198
WNT 35N 10X3	1718550000	B.200
WNT 4 10X3	1010780000	B.198
WNT 6 10X3	1010880000	B.199
WNT 70N/35	9512210000	B.200
WP 2.5/1AN/1	1305270000	A.388
WP 2.5/1AN/1	1305270000	A.389
WP 2.5/1AN/1	1305270000	A.392
WP 2.5/1AN/1 ZA	1350990000	A.392
WP 2.5/1AN/1 ZA O.RA	1351000000	A.392
WP 2.5/1AN/10	1305280000	A.388
WP 2.5/1AN/10	1305280000	A.389
WP4/1AN/1	1107790000	A.390
WP4/1AN/1	1107790000	A.392
WP4/1AN/1 ZA	1108490000	A.390
WP4/1AN/1 ZA	1108490000	A.392
WP4/1AN/10	1107800000	A.390
WPD 100 2X25/6X10 BK	2814490000	B.56
WPD 100 2X25/6X10 BL	1561920000	B.56
WPD 100 2X25/6X10 BN	2814500000	B.56
WPD 100 2X25/6X10 GN	1561930000	B.56
WPD 100 2X25/6X10 GY	1561910000	B.56
WPD 101 2X25/2X16 BK	1561100000	B.60
WPD 101 2X25/2X16 BL	1560670000	B.60
WPD 101 2X25/2X16 BN	1561120000	B.60
WPD 101 2X25/2X16 GN	1560650000	B.60
WPD 101 2X25/2X16 GY	1560730000	B.60
WPD 102 2X35/2X25 BK	1561630000	B.64
WPD 102 2X35/2X25 BL	1561640000	B.64
WPD 102 2X35/2X25 BN	1561650000	B.64
WPD 102 2X35/2X25 GN	1561670000	B.64
WPD 102 2X35/2X25 GY	1561680000	B.64
WPD 103 2X70/2X50 BK	1561830000	B.68
WPD 103 2X70/2X50 BL	1561780000	B.68
WPD 103 2X70/2X50 BN	1561820000	B.68
WPD 103 2X70/2X50 GN	1561790000	B.68
WPD 103 2X70/2X50 GY	1561770000	B.68
WPD 104 1X25+1X16/2X16+3X10 BK	2725360000	B.70
WPD 104 1X25+1X16/2X16+3X10 BL	2518250000	B.70
WPD 104 1X25+1X16/2X16+3X10 GY	1562000000	B.70
WPD 104 1X25+1X16/2X16+3X10 RD	2725260000	B.70
WPD 105 1X35+1X16/2X25+3X16 BK	2725410000	B.74
WPD 105 1X35+1X16/2X25+3X16 BL	2518540000	B.74
WPD 105 1X35+1X16/2X25+3X16 GY	1562170000	B.74
WPD 105 1X35+1X16/2X25+3X16 RD	2725310000	B.74
WPD 106 1X70/2X25+3X16 BK	2725440000	B.78
WPD 106 1X70/2X25+3X16 BL	2518570000	B.78
WPD 106 1X70/2X25+3X16 GY	1562210000	B.78
WPD 106 1X70/2X25+3X16 RD	2725340000	B.78
WPD 107 1X95/2X35+8X25 BK	2725450000	B.80
WPD 107 1X95/2X35+8X25 BL	2521730000	B.80
WPD 107 1X95/2X35+8X25 GY	1562220000	B.80
WPD 107 1X95/2X35+8X25 RD	2725350000	B.80
WPD 108 1X120/2X35+3X25+4X16 BK	2725380000	B.82
WPD 108 1X120/2X35+3X25+4X16 BL	2519480000	B.82
WPD 108 1X120/2X35+3X25+4X16 GY	1562100000	B.82
WPD 108 1X120/2X35+3X25+4X16 RD	2725280000	B.82
WPD 109 1X185/2X35+3X25+4X16 BK	2725370000	B.84
WPD 109 1X185/2X35+3X25+4X16 BL	2519490000	B.84
WPD 109 1X185/2X35+3X25+4X16 GY	1562090000	B.84
WPD 109 1X185/2X35+3X25+4X16 RD	2725270000	B.84
WPD 110 1X70+1X35/6X16 BK	2814510000	B.58
WPD 110 1X70+1X35/6X16 BL	2603820000	B.58
WPD 110 1X70+1X35/6X16 BN	2814520000	B.58
WPD 110 1X70+1X35/6X16 GN	2603830000	B.58
WPD 110 1X70+1X35/6X16 GY	2603810000	B.58
WPD 111 1X95/4X35 BK	2730320000	B.86
WPD 111 1X95/4X35 BL	2603800000	B.86
WPD 111 1X95/4X35 GY	2603790000	B.86
WPD 111 1X95/4X35 RD	2730310000	B.86
WPD 113 1X185+1X150/8X35 BK	2730360000	B.88
WPD 113 1X185+1X150/8X35 BL	2603750000	B.88
WPD 113 1X185+1X150/8X35 GY	2603740000	B.88
WPD 113 1X185+1X150/8X35 RD	2730350000	B.88
WPD 130 1X50/1X50 BK	2502570000	B.40
WPD 130 1X50/1X50 BL	2502540000	B.40
WPD 130 1X50/1X50 BN	2502560000	B.40
WPD 130 1X50/1X50 GN	2502550000	B.40
WPD 130 1X50/1X50 GY	2502530000	B.40
WPD 131 1X95/1X95 BK	2502690000	B.44
WPD 131 1X95/1X95 BL	2502660000	B.44
WPD 131 1X95/1X95 BN	2502680000	B.44
WPD 131 1X95/1X95 GN	2502670000	B.44
WPD 131 1X95/1X95 GY	2503090000	B.44
WPD 132 1X185/1X185 BK	2502790000	B.48
WPD 132 1X185/1X185 BL	2502760000	B.48
WPD 132 1X185/1X185 BN	2502780000	B.48
WPD 132 1X185/1X185 GN	2502770000	B.48
WPD 132 1X185/1X185 GY	2502750000	B.48
WPD 133 1X300/1X300 BK	2502890000	B.50
WPD 133 1X300/1X300 BL	2502860000	B.50
WPD 133 1X300/1X300 BN	2502880000	B.50
WPD 133 1X300/1X300 GN	2502870000	B.50
WPD 133 1X300/1X300 GY	2502850000	B.50
WPD 201 4X25/4X16 BK	2731260000	B.62
WPD 201 4X25/4X16 BL	2731230000	B.62
WPD 201 4X25/4X16 BN	2731250000	B.62
WPD 201 4X25/4X16 GN	2731240000	B.62
WPD 201 4X25/4X16 GY	2731220000	B.62
WPD 202 4X35/4X25 BK	1561690000	B.66
WPD 202 4X35/4X25 BL	1561700000	B.66
WPD 202 4X35/4X25 BN	1561720000	B.66
WPD 202 4X35/4X25 GN	1561620000	B.66
WPD 202 4X35/4X25 GY	1561730000	B.66
WPD 204 2X25/4X16+6X10 2XBK	2725390000	B.70
WPD 204 2X25/4X16+6X10 2XBL	2518330000	B.70
WPD 204 2X25/4X16+6X10 2XGY	1562150000	B.70
WPD 204 2X25/4X16+6X10 2XRD	2725290000	B.70
WPD 205 2X35/4X25+6X16 2XBK	2725420000	B.74
WPD 205 2X35/4X25+6X16 2XBL	2519470000	B.74
WPD 205 2X35/4X25+6X16 2XGY	1562180000	B.74
WPD 205 2X35/4X25+6X16 2XRD	2725320000	B.74
WPD 230 2X50/2X50 BK	2502950000	B.40
WPD 230 2X50/2X50 BL	2502590000	B.40
WPD 230 2X50/2X50 BN	2502610000	B.40
WPD 230 2X50/2X50 GN	2502600000	B.40
WPD 230 2X50/2X50 GY	2502580000	B.40
WPD 231 2X95/2X95 BK	2502740000	B.44
WPD 231 2X95/2X95 BL	2502710000	B.44
WPD 231 2X95/2X95 BN	2502730000	B.44
WPD 231 2X95/2X95 GN	2502720000	B.44
WPD 231 2X95/2X95 GY	2502700000	B.44
WPD 232 2X185/2X185 BK	2502840000	B.48
WPD 232 2X185/2X185 BL	2502810000	B.48
WPD 232 2X185/2X185 BN	2502830000	B.48
WPD 232 2X185/2X185 GN	2502820000	B.48
WPD 232 2X185/2X185 GY	2502800000	B.48
WPD 233 2X300/2X300 BK	2502940000	B.50
WPD 233 2X300/2X300 BL	2502910000	B.50
WPD 233 2X300/2X300 BN	2502930000	B.50
WPD 233 2X300/2X300 GN	2502920000	B.50
WPD 233 2X300/2X300 GY	2502900000	B.50
WPD 301 2X25/2X16 3XGY	1561130000	B.60
WPD 302 2X35/2X25 3XGY	1561740000	B.64
WPD 304 3X25/6X16+9X10 3XBK	2725400000	B.71
WPD 304 3X25/6X16+9X10 3XBL	2518340000	B.71
WPD 304 3X25/6X16+9X10 3XGY	1562160000	B.71
WPD 304 3X25/6X16+9X10 3XRD	2725300000	B.71
WPD 305 3X35/6X25+9X16 3XBK	2725430000	B.75
WPD 305 3X35/6X25+9X16 3XBL	2521770000	B.75
WPD 305 3X35/6X25+9X16 3XGY	1562190000	B.75
WPD 305 3X35/6X25+9X16 3XRD	2725330000	B.75
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	2502650000	B.41
WPD 330 3X50/3X50 1XGY/1XBL/1XGN	2502640000	B.41
WPD 330 3X50/3X50 3XGY	2502620000	B.41
WPD 330CC 3X50/3X50 BK	2874520000	B.41
WPD 330CC 3X50/3X50 BL	2874530000	B.41
WPD 330CC 3X50/3X50 BN	2874540000	B.41
WPD 330CC 3X50/3X50 GN	2874550000	B.41
WPD 330CC 3X50/3X50 GY	2874510000	B.41
WPD 331CC 3X95/3X95 BK	2874570000	B.45
WPD 331CC 3X95/3X95 BL	2874580000	B.45
WPD 331CC 3X95/3X95 BN	2874590000	B.45
WPD 331CC 3X95/3X95 GN	2874600000	B.45
WPD 331CC 3X95/3X95 GY	2874560000	B.45
WPD 401 2X25/2X16 3XGY/1XBL	1562130000	B.61
WPD 401 2X25/2X16 4XGY	1561800000	B.61
WPD 501 2X25/2X16 1XBN/BK/GY/BL/GN	2976330000	B.61
WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1562140000	B.61
WPD 501 2X25/2X16 3XGY/1XBL/1XGN	3053740000	B.61
WPD 501 2X25/2X16 5XGY	1561750000	B.61
WPD 530 5X50/5X50 3XGY/1XBL/1XGN	2935040000	B.41
WPDPC X30 GY	2503330000	B.40
WPDPC X30 GY	2503330000	B.41
WPDPC X31 GY	2503370000	B.44
WPDPC X31 GY	2503370000	B.45
WPDPC X32 GY	2503380000	B.48
WPDPC X33 GY	2503390000	B.50
WPE 1.5/R3.5	1798460000	A.330
WPE 1.5/ZZ	1016500000	A.330
WPE 10	1010300000	A.335
WPE 10/ZR	1042500000	A.335
WPE 120/150	1019700000	A.339
WPE 120/150	1019700000	B.35
WPE 16	1010400000	A.335
WPE 16N	1019100000	A.336
WPE 2.5	1010000000	A.331
WPE 2.5 WS	1010010000	B.273
WPE 2.5 WS	1010010000	B.277
WPE 2.5/1.5/ZR	1016400000	A.331
WPE 2.5N	1016200000	A.332
WPE 35	1010500000	A.336
WPE 35	1010500000	B.32
WPE 35/IKSC	1012600000	A.337
WPE 35/IKSC	1012600000	B.33
WPE 35N	1717740000	A.337
WPE 35N	1717740000	B.32
WPE 4	1010100000	A.333
WPE 4/ZR	1905120000	A.333
WPE 4/ZZ	1905130000	A.333
WPE 4N	1042700000	A.334
WPE 50N	1846040000	A.337
WPE 50N	1846040000	B.33
WPE 6	1010200000	A.334
WPE 70/95	1037300000	A.339
WPE 70/95	1037300000	B.34
WPE 70N/35	9512200000	A.338
WPE 70N/35	9512200000	B.33
WPE 95N/120N	1846030000	A.338
WPE 95N/120N	1846030000	B.34
WPO 4	1036000000	A.398
WQB 240/2	1802790000	A.316
WQB 240/2	1802790000	B.30
WQB 240/3	1802800000	A.316
WQB 240/3	1802800000	B.30
WQB PEN 16N	1079600000	A.425
WQB PEN 35N	1079500000	A.425
WQB PEN 70N	1079700000	A.425
WQB WPD X04/2	1561980000	B.70
WQB WPD X04/3	1561990000	B.70
WQB WPD X05/2	1561960000	B.74
WQB WPD X05/3	1561970000	B.74
WQB WPD X06/2	1561940000	B.78
WQB WPD X08-09/2	1561900000	B.82
WQB WPD X08-09/2	1561900000	B.84
WQB-PEN 10	1060300000	A.335
WQB-PEN 10	1060300000	A.425
WQB-PEN 16	1060200000	A.335
WQB-PEN 16	1060200000	A.425
WQB-PEN 35	1060100000	A.336
WQB-PEN 35	1060100000	A.337
WQB-PEN 35	1060100000	A.425
WQB-PEN 35	1060100000	B.32
WQB-PEN 35	1060100000	B.33
WQL 2 WF10	1781010000	A.436
WQL 2 WF10	1781010000	A.437
WQL 2 WF10	1781010000	A.439
WQL 2 WF10	1781010000	A.446
WQL 2 WF12	1781030000	A.437
WQL 2 WF12	1781030000	A.446
WQL 2 WF5	1812710000	A.434
WQL 2 WF5	1812710000	A.446
WQL 2 WF6	1780970000	A.435
WQL 2 WF6	1780970000	A.438
WQL 2 WF6	1780970000	A.446
WQL 2 WF6-10	1806620000	A.445
WQL 2 WF6-8	1808980000	A.445
WQL 2 WF8	1780990000	A.435
WQL 2 WF8	1780990000	A.436
WQL 2 WF8	1780990000	A.438
WQL 2 WF8	1780990000	A.446
WQL 2 WFF120	1065100000	A.441
WQL 2 WFF120	1065100000	A.442
WQL 2 WFF120	1065100000	A.446
WQL 2 WFF185	1065200000	A.442
WQL 2 WFF185	1065200000	A.443
WQL 2 WFF185	1065200000	A.446
WQL 2 WFF300	1065300000	A.443
WQL 2 WFF300	1065300000	A.446
WQL 2 WFF35	1064900000	A.440
WQL 2 WFF35	1064900000	A.446
WQL 2 WFF70	1065000000	A.441
WQL 2 WFF70	1065000000	A.446
WQL 3 WF10	1781020000	A.436
WQL 3 WF10	1781020000	A.437
WQL 3 WF10	1781020000	A.439
WQL 3 WF10	1781020000	A.446
WQL 3 WF12	1781040000	A.437
WQL 3 WF12	1781040000	A.446
WQL 3 WF5	1812740000	A.434
WQL 3 WF5	1812740000	A.446
WQL 3 WF6	1780980000	A.435
WQL 3 WF6	1780980000	A.438
WQL 3 WF6	1780980000	A.446
WQL 3 WF6-10/2	1806640000	A.445
WQL 3 WF8	1781000000	A.435
WQL 3 WF8	1781000000	A.436
WQL 3 WF8	1781000000	A.438
WQL 3 WF8	1781000000	A.446
WQL 3 WFF120	1065600000	A.441
WQL 3 WFF120	1065600000	A.442
WQL 3 WFF120	1065600000	A.446
WQL 3 WFF185	1065700000	A.442
WQL 3 WFF185	1065700000	A.443
WQL 3 WFF185	1065700000	A.446
WQL 3 WFF300	1065800000	A.443
WQL 3 WFF300	1065800000	A.446
WQL 3 WFF35	1065400000	A.440
WQL 3 WFF35	1065400000	A.446
WQL 3 WFF70	1065500000	A.441
WQL 3 WFF70	1065500000	A.446
WQL 4 WF10	1027840000	A.436
WQL 4 WF10	1027840000	A.437
WQL 4 WF10	1027840000	A.446
WQL 4 WF8-6/3	1904960000	A.445
WQS 2/16/5	1925070000	B.248
WQS 2/16/5	1925070000	B.249
WQV 10/10	1052460000	A.308
WQV 10/10	1052460000	A.309
WQV 10/10	1052460000	A.310
WQV 10/10	1052460000	A.325
WQV 10/10	1052460000	A.326
WQV 10/10	1052460000	A.327
WQV 10/10	1052460000	A.328
WQV 10/10	1052460000	A.329
WQV 10/10	1052460000	A.341
WQV 10/10	1052460000	A.417
WQV 10/10	1052460000	B.98
WQV 10/2	1052560000	A.308
WQV 10/2	1052560000	A.309
WQV 10/2	1052560000	A.310
WQV 10/2	1052560000	A.325
WQV 10/2	1052560000	A.326
WQV 10/2	1052560000	A.327
WQV 10/2	1052560000	A.328
WQV 10/2	1052560000	A.329
WQV 10/2	1052560000	A.341
WQV 10/2	1052560000	A.417
WQV 10/2	1052560000	B.98
WQV 10/3	1054960000	A.417
WQV 10/4	1055060000	A.417
WQV 120-PEN	1072400000	A.339
WQV 120-PEN	1072400000	A.425
WQV 120-PEN	1072400000	B.35
WQV 120/2	1063300000	A.319
WQV 120/2	1063300000	A.417
WQV 120/2	1063300000	B.30
WQV 120/3	1063400000	A.319
WQV 120/3	1063400000	A.417
WQV 120/3	1063400000	B.30
WQV 16-2.5	1063900000	A.419
WQV 16-4/6	1064000000	A.420
WQV 16/10	1053360000	A.310
WQV 16/10	1053360000	A.311
WQV 16/10	1053360000	A.417
WQV 16/10	1053360000	B.287
WQV 16/2	1053260000	A.310
WQV 16/2	1053260000	A.311
WQV 16/2	1053260000	A.417
WQV 16/2	1053260000	B.287
WQV 16/3	1055160000	A.417
WQV 16/4	1055260000	A.417
WQV 16N-2.5	1073100000	A.419
WQV 16N-4/6	1072500000	A.419
WQV 16N-PEN BL	1071360000	A.336
WQV 16N-PEN BL	1071360000	A.425
WQV 16N/2	1636560000	A.311
WQV 16N/2	1636560000	A.417
WQV 16N/2	1636560000	B.287
WQV 16N/3	1636570000	A.417
WQV 16N/4	1636580000	A.311
WQV 16N/4	1636580000	A.417
WQV 16N/4	1636580000	B.287
WQV 2.5/10	1054460000	A.299
WQV 2.5/10	1054460000	A.300
WQV 2.5/10	1054460000	A.301
WQV 2.5/10	1054460000	A.302
WQV 2.5/10	1054460000	A.320
WQV 2.5/10	1054460000	A.321
WQV 2.5/10	1054460000	A.322
WQV 2.5/10	1054460000	A.340

Type	Order No.	Page
WQV 2.5/10	1054460000	A.382
WQV 2.5/10	1054460000	A.383
WQV 2.5/10	1054460000	A.394
WQV 2.5/10	1054460000	A.395
WQV 2.5/10	1054460000	A.396
WQV 2.5/10	1054460000	A.400
WQV 2.5/10	1054460000	A.401
WQV 2.5/10	1054460000	A.402
WQV 2.5/10	1054460000	A.403
WQV 2.5/10	1054460000	A.416
WQV 2.5/10	1054460000	B.286
WQV 2.5/15	1059660000	A.416
WQV 2.5/2	1053660000	A.299
WQV 2.5/2	1053660000	A.300
WQV 2.5/2	1053660000	A.301
WQV 2.5/2	1053660000	A.302
WQV 2.5/2	1053660000	A.320
WQV 2.5/2	1053660000	A.321
WQV 2.5/2	1053660000	A.322
WQV 2.5/2	1053660000	A.340
WQV 2.5/2	1053660000	A.382
WQV 2.5/2	1053660000	A.383
WQV 2.5/2	1053660000	A.394
WQV 2.5/2	1053660000	A.395
WQV 2.5/2	1053660000	A.396
WQV 2.5/2	1053660000	A.400
WQV 2.5/2	1053660000	A.401
WQV 2.5/2	1053660000	A.402
WQV 2.5/2	1053660000	A.403
WQV 2.5/2	1053660000	A.416
WQV 2.5/2	1053660000	B.286
WQV 2.5/20	1577570000	A.416
WQV 2.5/3	1053760000	A.416
WQV 2.5/32	1577600000	A.416
WQV 2.5/4	1053860000	A.416
WQV 2.5/5	1053960000	A.416
WQV 2.5/6	1054060000	A.416
WQV 2.5/7	1054160000	A.416
WQV 2.5/8	1054260000	A.416
WQV 2.5/9	1054360000	A.416
WQV 35-10/6/4	1068000000	A.419
WQV 35-2.5	1064100000	A.419
WQV 35/10	1053160000	A.312
WQV 35/10	1053160000	A.313
WQV 35/10	1053160000	A.417
WQV 35/10	1053160000	B.26
WQV 35/10	1053160000	B.27
WQV 35/10	1053160000	B.288
WQV 35/2	1053060000	A.312
WQV 35/2	1053060000	A.313
WQV 35/2	1053060000	A.417
WQV 35/2	1053060000	B.26
WQV 35/2	1053060000	B.27
WQV 35/2	1053060000	B.248
WQV 35/2	1053060000	B.249
WQV 35/2	1053060000	B.288
WQV 35/3	1055360000	A.417
WQV 35/4	1055460000	A.417
WQV 35N/2	1079200000	A.313
WQV 35N/2	1079200000	A.416
WQV 35N/2	1079200000	B.26
WQV 35N/2	1079200000	B.288
WQV 35N/3	1079300000	A.416
WQV 35N/4	1079400000	A.313
WQV 35N/4	1079400000	A.416
WQV 35N/4	1079400000	B.26
WQV 35N/4	1079400000	B.288
WQV 4/10	1052060000	A.303
WQV 4/10	1052060000	A.305
WQV 4/10	1052060000	A.416
WQV 4/10	1052060000	B.234
WQV 4/10	1052060000	B.286
WQV 4/2	1051960000	A.303
WQV 4/2	1051960000	A.305
WQV 4/2	1051960000	A.416
WQV 4/2	1051960000	B.234
WQV 4/2	1051960000	B.286
WQV 4/3	1054560000	A.416
WQV 4/3	1054560000	B.234
WQV 4/4	1054660000	A.416
WQV 4/4	1054660000	B.234
WQV 4/5	1057860000	A.416
WQV 4/6	1057160000	A.416
WQV 4/7	1057260000	A.416
WQV 50N/2	1834060000	A.314
WQV 50N/2	1834060000	A.416
WQV 50N/2	1834060000	B.27
WQV 50N/2	1834060000	B.28
WQV 50N/2	1834060000	B.289
WQV 50N/3	1834070000	A.314
WQV 50N/3	1834070000	A.416
WQV 50N/3	1834070000	B.27
WQV 50N/3	1834070000	B.28
WQV 50N/3	1834070000	B.289
WQV 50N/4	1834080000	A.314
WQV 50N/4	1834080000	A.416
WQV 50N/4	1834080000	B.27
WQV 50N/4	1834080000	B.28
WQV 50N/4	1834080000	B.289
WQV 50N/5	2004960000	A.416
WQV 6/10	1052260000	A.306
WQV 6/10	1052260000	A.307
WQV 6/10	1052260000	A.416
WQV 6/10	1052260000	B.239
WQV 6/10	1052260000	B.240
WQV 6/10	1052260000	B.243
WQV 6/10	1052260000	B.245
WQV 6/10	1052260000	B.247
WQV 6/2	1052360000	A.306
WQV 6/2	1052360000	A.307
WQV 6/2	1052360000	A.416
WQV 6/2	1052360000	B.239
WQV 6/2	1052360000	B.240
WQV 6/2	1052360000	B.243
WQV 6/2	1052360000	B.245
WQV 6/2	1052360000	B.247
WQV 6/3	1054760000	A.416
WQV 6/3	1054760000	B.239
WQV 6/3	1054760000	B.240
WQV 6/3	1054760000	B.243
WQV 6/3	1054760000	B.245
WQV 6/3	1054760000	B.247
WQV 6/4	1054860000	A.416
WQV 6/4	1054860000	B.239
WQV 6/4	1054860000	B.240
WQV 6/4	1054860000	B.243
WQV 6/4	1054860000	B.245
WQV 6/4	1054860000	B.247
WQV 6/5	1062660000	A.416
WQV 6/5	1062660000	B.243
WQV 6/5	1062660000	B.244
WQV 6/5	1062660000	B.246
WQV 6/6	1062670000	A.416
WQV 6/7	1062680000	A.416
WQV 6/7	1062680000	B.243
WQV 70/95-PEN	1072300000	A.339
WQV 70/95-PEN	1072300000	A.425
WQV 70/95-PEN	1072300000	B.34
WQV 70/95/2	1063500000	A.319
WQV 70/95/2	1063500000	A.417
WQV 70/95/2	1063500000	B.29
WQV 70/95/3	1063600000	A.319
WQV 70/95/3	1063600000	A.417
WQV 70/95/3	1063600000	B.29
WQV 70N-PEN	9525840000	A.338
WQV 70N-PEN	9525840000	A.425
WQV 70N-PEN	9525840000	B.33
WQV 70N/2	9512240000	A.315
WQV 70N/2	9512240000	A.416
WQV 70N/2	9512240000	B.28
WQV 70N/2	9512240000	B.29
WQV 70N/2	9512240000	B.290
WQV 70N/3	9512250000	A.315
WQV 70N/3	9512250000	A.416
WQV 70N/3	9512250000	B.28
WQV 70N/3	9512250000	B.29
WQV 70N/3	9512250000	B.290
WQV 70N/4	9531290000	A.315
WQV 70N/4	9531290000	A.416
WQV 70N/4	9531290000	B.28
WQV 70N/4	9531290000	B.29
WQV 70N/4	9531290000	B.290
WQV 70N/5/3/1	1393020000	A.416
WQV 95N/120N/2	1826890000	A.315
WQV 95N/120N/2	1826890000	A.417
WQV 95N/120N/2	1826890000	B.29
WQV 95N/120N/2	1826890000	B.290
WQV 95N/120N/3	1826900000	A.315
WQV 95N/120N/3	1826900000	A.417
WQV 95N/120N/3	1826900000	B.29
WQV 95N/120N/3	1826900000	B.290
WQV 95N/120N/4	1826910000	A.315
WQV 95N/120N/4	1826910000	A.417
WQV 95N/120N/4	1826910000	B.29
WQV 95N/120N/4	1826910000	B.290
WQV PEN 50N	9201610000	A.337
WQV PEN 50N	9201610000	A.425
WQV PEN 50N	9201610000	B.33
WQV PEN 95N/120N	9201630000	A.338
WQV PEN 95N/120N	9201630000	A.425
WQV PEN 95N/120N	9201630000	B.34
WS 10/12 MC NE WS	1905970000	A.311
WS 10/12 MC NE WS	1905970000	B.287
WS 10/15 MC NE WS	1854090000	A.430
WS 10/3.5 PLUS MC NE WS	2003760000	A.26
WS 10/3.5 PLUS MC NE WS	2003760000	A.27
WS 10/3.5 PLUS MC NE WS	2003760000	A.76
WS 10/3.5 PLUS MC NE WS	2003760000	A.77
WS 10/3.5 PLUS MC NE WS	2003760000	A.86
WS 10/3.5 PLUS MC NE WS	2003760000	A.87
WS 10/3.5 PLUS MC NE WS	2003760000	A.92
WS 10/3.5 PLUS MC NE WS	2003760000	A.93
WS 10/3.5 PLUS MC NE WS	2003760000	A.102
WS 10/3.5 PLUS MC NE WS	2003760000	A.105
WS 10/3.5 PLUS MC NE WS	2003760000	A.122
WS 10/3.5 PLUS MC NE WS	2003760000	A.123
WS 10/3.5 PLUS MC NE WS	2003760000	A.124
WS 10/3.5 PLUS MC NE WS	2003760000	A.125
WS 10/3.5 PLUS MC NE WS	2003760000	A.126
WS 10/3.5 PLUS MC NE WS	2003760000	A.138
WS 10/3.5 PLUS MC NE WS	2003760000	A.140
WS 10/3.5 PLUS MC NE WS	2003760000	B.105
WS 10/3.5 PLUS MC NE WS	2003760000	B.207
WS 10/5 M MC NE WS	1792000000	A.51
WS 10/5 M MC NE WS	1792000000	A.138
WS 10/5 M MC NE WS	1792000000	A.140
WS 10/5 M MC NE WS	1792000000	A.200
WS 10/5 M MC NE WS	1792000000	A.201
WS 10/5 M MC NE WS	1792000000	A.230
WS 10/5 M MC NE WS	1792000000	A.231
WS 10/5 M MC NE WS	1792000000	B.164
WS 10/5 M MC NE WS	1792000000	B.167
WS 10/5 M PLUS MC NE WS	2003770000	A.8
WS 10/5 M PLUS MC NE WS	2003770000	A.9
WS 10/5 M PLUS MC NE WS	2003770000	A.18
WS 10/5 M PLUS MC NE WS	2003770000	A.19
WS 10/5 M PLUS MC NE WS	2003770000	A.20
WS 10/5 M PLUS MC NE WS	2003770000	A.21
WS 10/5 M PLUS MC NE WS	2003770000	A.22
WS 10/5 M PLUS MC NE WS	2003770000	A.23
WS 10/5 M PLUS MC NE WS	2003770000	A.24
WS 10/5 M PLUS MC NE WS	2003770000	A.25
WS 10/5 M PLUS MC NE WS	2003770000	A.28
WS 10/5 M PLUS MC NE WS	2003770000	A.29
WS 10/5 M PLUS MC NE WS	2003770000	A.30
WS 10/5 M PLUS MC NE WS	2003770000	A.38
WS 10/5 M PLUS MC NE WS	2003770000	A.39
WS 10/5 M PLUS MC NE WS	2003770000	A.41
WS 10/5 M PLUS MC NE WS	2003770000	A.42
WS 10/5 M PLUS MC NE WS	2003770000	A.43
WS 10/5 M PLUS MC NE WS	2003770000	A.45
WS 10/5 M PLUS MC NE WS	2003770000	A.47
WS 10/5 M PLUS MC NE WS	2003770000	A.48
WS 10/5 M PLUS MC NE WS	2003770000	A.49
WS 10/5 M PLUS MC NE WS	2003770000	A.50
WS 10/5 M PLUS MC NE WS	2003770000	A.59
WS 10/5 M PLUS MC NE WS	2003770000	A.60
WS 10/5 M PLUS MC NE WS	2003770000	A.68
WS 10/5 M PLUS MC NE WS	2003770000	A.69
WS 10/5 M PLUS MC NE WS	2003770000	A.78
WS 10/5 M PLUS MC NE WS	2003770000	A.79
WS 10/5 M PLUS MC NE WS	2003770000	A.80
WS 10/5 M PLUS MC NE WS	2003770000	A.81
WS 10/5 M PLUS MC NE WS	2003770000	A.82
WS 10/5 M PLUS MC NE WS	2003770000	A.83
WS 10/5 M PLUS MC NE WS	2003770000	A.84
WS 10/5 M PLUS MC NE WS	2003770000	A.85
WS 10/5 M PLUS MC NE WS	2003770000	A.88
WS 10/5 M PLUS MC NE WS	2003770000	A.89
WS 10/5 M PLUS MC NE WS	2003770000	A.90
WS 10/5 M PLUS MC NE WS	2003770000	A.93
WS 10/5 M PLUS MC NE WS	2003770000	A.94
WS 10/5 M PLUS MC NE WS	2003770000	A.95
WS 10/5 M PLUS MC NE WS	2003770000	A.98
WS 10/5 M PLUS MC NE WS	2003770000	A.99
WS 10/5 M PLUS MC NE WS	2003770000	A.100
WS 10/5 M PLUS MC NE WS	2003770000	A.103
WS 10/5 M PLUS MC NE WS	2003770000	A.104
WS 10/5 M PLUS MC NE WS	2003770000	A.105
WS 10/5 M PLUS MC NE WS	2003770000	A.106
WS 10/5 M PLUS MC NE WS	2003770000	A.113
WS 10/5 M PLUS MC NE WS	2003770000	A.114
WS 10/5 M PLUS MC NE WS	2003770000	A.115
WS 10/5 M PLUS MC NE WS	2003770000	A.116
WS 10/5 M PLUS MC NE WS	2003770000	A.117
WS 10/5 M PLUS MC NE WS	2003770000	A.118
WS 10/5 M PLUS MC NE WS	2003770000	A.127
WS 10/5 M PLUS MC NE WS	2003770000	A.130
WS 10/5 M PLUS MC NE WS	2003770000	A.131
WS 10/5 M PLUS MC NE WS	2003770000	A.160
WS 10/5 M PLUS MC NE WS	2003770000	B.96
WS 10/5 M PLUS MC NE WS	2003770000	B.111
WS 10/5 M PLUS MC NE WS	2003770000	B.113
WS 10/5 M PLUS MC NE WS	2003770000	B.274
WS 10/5 M PLUS MC NE WS	2003770000	B.278
WS 10/5 M PLUS MC NE WS	2003770000	B.279
WS 10/5 M PLUS MC NE WS	2003770000	B.280
WS 10/5 MC M SDR	1792010000	A.254
WS 10/5 MC M SDR	1792010000	A.255
WS 10/5 MC NE WS	1635000000	A.180
WS 10/5 MC NE WS	1635000000	A.181
WS 10/5 MC NE WS	1635000000	A.182
WS 10/5 MC NE WS	1635000000	A.183
WS 10/5 MC NE WS	1635000000	A.188
WS 10/5 MC NE WS	1635000000	A.189
WS 10/5 MC NE WS	1635000000	A.210
WS 10/5 MC NE WS	1635000000	A.211
WS 10/5 MC NE WS	1635000000	A.212
WS 10/5 MC NE WS	1635000000	A.216
WS 10/5 MC NE WS	1635000000	A.217
WS 10/5 MC NE WS	1635000000	A.218
WS 10/5 MC NE WS	1635000000	A.219
WS 10/5 MC NE WS	1635000000	A.220
WS 10/5 MC NE WS	1635000000	A.221
WS 10/5 MC NE WS	1635000000	A.227
WS 10/5 MC NE WS	1635000000	A.235
WS 10/5 MC NE WS	1635000000	A.236
WS 10/5 MC NE WS	1635000000	A.237
WS 10/5 MC NE WS	1635000000	A.238
WS 10/5 MC NE WS	1635000000	A.239
WS 10/5 MC NE WS	1635000000	A.240
WS 10/5 MC NE WS	1635000000	A.242
WS 10/5 MC NE WS	1635000000	A.244
WS 10/5 MC NE WS	1635000000	A.245
WS 10/5 MC NE WS	1635000000	A.250
WS 10/5 MC NE WS	1635000000	A.257
WS 10/5 MC NE WS	1635000000	A.258
WS 10/5 MC NE WS	1635000000	A.262
WS 10/5 MC NE WS	1635000000	A.266
WS 10/5 MC NE WS	1635000000	A.267
WS 10/5 MC NE WS	1635000000	A.274
WS 10/5 MC NE WS	1635000000	A.275
WS 10/5 MC NE WS	1635000000	A.388
WS 10/5 MC NE WS	1635000000	A.389
WS 10/5 MC NE WS	1635000000	B.165
WS 10/5 MC NE WS	1635000000	B.166
WS 10/5 MC NE WS	1635000000	B.167
WS 10/5 MC NE WS	1635000000	B.168
WS 10/5 MC NE WS	1635000000	B.169
WS 10/6 M MC NE WS	1818400000	A.139
WS 10/6 M PLUS MC NE WS	2003780000	A.10
WS 10/6 M PLUS MC NE WS	2003780000	A.11
WS 10/6 M PLUS MC NE WS	2003780000	A.30
WS 10/6 M PLUS MC NE WS	2003780000	A.31
WS 10/6 M PLUS MC NE WS	2003780000	A.40
WS 10/6 M PLUS MC NE WS	2003780000	A.44
WS 10/6 M PLUS MC NE WS	2003780000	A.60
WS 10/6 M PLUS MC NE WS	2003780000	A.61
WS 10/6 M PLUS MC NE WS	2003780000	A.70
WS 10/6 M PLUS MC NE WS	2003780000	A.71
WS 10/6 M PLUS MC NE WS	2003780000	A.94
WS 10/6 M PLUS MC NE WS	2003780000	A.95
WS 10/6 M PLUS MC NE WS	2003780000	A.99
WS 10/6 M PLUS MC NE WS	2003780000	A.100
WS 10/6 M PLUS MC NE WS	2003780000	A.104
WS 10/6 M PLUS MC NE WS	2003780000	A.107
WS 10/6 M PLUS MC NE WS	2003780000	A.108
WS 10/6 M PLUS MC NE WS	2003780000	A.109
WS 10/6 M PLUS MC NE WS	2003780000	A.110
WS 10/6 M PLUS MC NE WS	2003780000	A.111
WS 10/6 M PLUS MC NE WS	2003780000	A.116
WS 10/6 M PLUS MC NE WS	2003780000	A.118
WS 10/6 M PLUS MC NE WS	2003780000	A.119
WS 10/6 M PLUS MC NE WS	2003780000	A.121
WS 10/6 M PLUS MC NE WS	2003780000	A.132
WS 10/6 M PLUS MC NE WS	2003780000	A.133
WS 10/6 M PLUS MC NE WS	2003780000	A.134
WS 10/6 M PLUS MC NE WS	2003780000	A.135
WS 10/6 M PLUS MC NE WS	2003780000	B.117
WS 10/6 M PLUS MC NE WS	2003780000	B.118
WS 10/6 M PLUS MC NE WS	2003780000	B.121
WS 10/6 M PLUS MC NE WS	2003780000	B.275
WS 10/6 M PLUS MC NE WS	2003780000	B.279
WS 10/6 M PLUS MC NE WS	2003780000	B.280
WS 10/6 MC NE WS	1828450000	A.190
WS 10/6 MC NE WS	1828450000	A.256
WS 10/6 MC NE WS	1828450000	A.259
WS 10/6 MC NE WS	1828450000	A.268
WS 10/6 MC NE WS	1828450000	A.435
WS 10/6 MC NE WS	1828450000	A.436
WS 10/6 MC NE WS	1828450000	A.437
WS 10/8 PLUS MC NE WS	1905950000	A.12
WS 10/8 PLUS MC NE WS	1905950000	A.13
WS 10/8 PLUS MC NE WS	1905950000	A.14
WS 10/8 PLUS MC NE WS	1905950000	A.15
WS 10/8 PLUS MC NE WS	1905950000	A.16
WS 10/8 PLUS MC NE WS	1905950000	A.17
WS 10/8 PLUS MC NE WS	1905950000	A.32
WS 10/8 PLUS MC NE WS	1905950000	A.33
WS 10/8 PLUS MC NE WS	1905950000	A.34
WS 10/8 PLUS MC NE WS	1905950000	A.35
WS 10/8 PLUS MC NE WS	1905950000	A.36
WS 10/8 PLUS MC NE WS	1905950000	A.37
WS 10/8 PLUS MC NE WS	1905950000	A.62
WS 10/8 PLUS MC NE WS	1905950000	A.63
WS 10/8 PLUS MC NE WS	1905950000	A.64
WS 10/8 PLUS MC NE WS	1905950000	A.65
WS 10/8 PLUS MC NE WS	1905950000	A.66
WS 10/8 PLUS MC NE WS	1905950000	A.67
WS 10/8 PLUS MC NE WS	1905950000	A.95
WS 10/8 PLUS MC NE WS	1905950000	A.96
WS 10/8 PLUS MC NE WS	1905950000	A.97
WS 10/8 PLUS MC NE WS	1905950000	A.98
WS 10/8 PLUS MC NE WS	1905950000	A.136
WS 10/8 PLUS MC NE WS	1905950000	A.429
WS 10/8 PLUS MC NE WS	1905950000	B.104
WS 10/8 PLUS MC NE WS	1905950000	B.105
WS 10/8 PLUS MC NE WS	1905950000	B.106
WS 10/8 PLUS MC NE WS	1905950000	B.107
WS 10/8 PLUS MC NE WS	1905950000	B.110
WS 10/8 PLUS MC NE WS	1905950000	B.111
WS 10/8 PLUS MC NE WS	1905950000	B.112
WS 10/8 PLUS MC NE WS	1905950000	B.116
WS 10/8 PLUS MC NE WS	1905950000	B.117
WS 10/8 PLUS MC NE WS	1905950000	B.120
WS 10/8 PLUS MC NE WS	1905950000	B.275

Type	Order No.	Page
WS 10/8 PLUS MC NE WS	1905950000	B.281
WS 12/3.5 MC NE WS	1778270000	A.186
WS 12/3.5 MC NE WS	1778270000	A.187
WS 12/3.5 MC NE WS	1778270000	A.219
WS 12/3.5 MC NE WS	1778270000	A.220
WS 12/5 MC NE WS	1609860000	A.192
WS 12/5 MC NE WS	1609860000	A.204
WS 12/5 MC NE WS	1609860000	A.205
WS 12/5 MC NE WS	1609860000	A.206
WS 12/5 MC NE WS	1609860000	A.207
WS 12/5 MC NE WS	1609860000	A.209
WS 12/5 MC NE WS	1609860000	A.232
WS 12/5 MC NE WS	1609860000	A.265
WS 12/5 MC NE WS	1609860000	A.277
WS 12/5 MC NE WS	1609860000	A.299
WS 12/5 MC NE WS	1609860000	A.300
WS 12/5 MC NE WS	1609860000	A.301
WS 12/5 MC NE WS	1609860000	A.302
WS 12/5 MC NE WS	1609860000	A.310
WS 12/5 MC NE WS	1609860000	A.311
WS 12/5 MC NE WS	1609860000	A.312
WS 12/5 MC NE WS	1609860000	A.315
WS 12/5 MC NE WS	1609860000	A.330
WS 12/5 MC NE WS	1609860000	A.331
WS 12/5 MC NE WS	1609860000	A.332
WS 12/5 MC NE WS	1609860000	A.358
WS 12/5 MC NE WS	1609860000	A.368
WS 12/5 MC NE WS	1609860000	A.369
WS 12/5 MC NE WS	1609860000	A.373
WS 12/5 MC NE WS	1609860000	A.374
WS 12/5 MC NE WS	1609860000	A.375
WS 12/5 MC NE WS	1609860000	A.394
WS 12/5 MC NE WS	1609860000	A.398
WS 12/5 MC NE WS	1609860000	A.434
WS 12/5 MC NE WS	1609860000	A.438
WS 12/5 MC NE WS	1609860000	B.27
WS 12/5 MC NE WS	1609860000	B.29
WS 12/5 MC NE WS	1609860000	B.97
WS 12/5 MC NE WS	1609860000	B.128
WS 12/5 MC NE WS	1609860000	B.198
WS 12/5 MC NE WS	1609860000	B.199
WS 12/5 MC NE WS	1609860000	B.200
WS 12/5 MC NE WS	1609860000	B.277
WS 12/5 MC NE WS	1609860000	B.286
WS 12/5 MC SDR	1609870000	A.396
WS 12/6 MC NE WS	1609900000	A.187
WS 12/6 MC NE WS	1609900000	A.191
WS 12/6 MC NE WS	1609900000	A.197
WS 12/6 MC NE WS	1609900000	A.198
WS 12/6 MC NE WS	1609900000	A.221
WS 12/6 MC NE WS	1609900000	A.222
WS 12/6 MC NE WS	1609900000	A.223
WS 12/6 MC NE WS	1609900000	A.224
WS 12/6 MC NE WS	1609900000	A.227
WS 12/6 MC NE WS	1609900000	A.228
WS 12/6 MC NE WS	1609900000	A.246
WS 12/6 MC NE WS	1609900000	A.303
WS 12/6 MC NE WS	1609900000	A.304
WS 12/6 MC NE WS	1609900000	A.305
WS 12/6 MC NE WS	1609900000	A.334
WS 12/6 MC NE WS	1609900000	A.347
WS 12/6 MC NE WS	1609900000	A.348
WS 12/6 MC NE WS	1609900000	A.349
WS 12/6 MC NE WS	1609900000	A.359
WS 12/6 MC NE WS	1609900000	A.375
WS 12/6 MC NE WS	1609900000	A.376
WS 12/6 MC NE WS	1609900000	A.377
WS 12/6 MC NE WS	1609900000	B.234
WS 12/6 MC NE WS	1609900000	B.248
WS 12/6 MC NE WS	1609900000	B.249
WS 12/6 MC NE WS	1609900000	B.286
WS 12/6 MC NE WS	1609900000	B.293
WS 12/6.5 MC NE WS	1609920000	A.306
WS 12/6.5 MC NE WS	1609920000	A.307
WS 12/6.5 MC NE WS	1609920000	A.308
WS 12/6.5 MC NE WS	1609920000	A.309
WS 12/6.5 MC NE WS	1609920000	A.310
WS 12/6.5 MC NE WS	1609920000	A.312
WS 12/6.5 MC NE WS	1609920000	A.313
WS 12/6.5 MC NE WS	1609920000	A.314
WS 12/6.5 MC NE WS	1609920000	A.315
WS 12/6.5 MC NE WS	1609920000	A.316
WS 12/6.5 MC NE WS	1609920000	A.319
WS 12/6.5 MC NE WS	1609920000	A.335
WS 12/6.5 MC NE WS	1609920000	A.336
WS 12/6.5 MC NE WS	1609920000	A.337
WS 12/6.5 MC NE WS	1609920000	A.338
WS 12/6.5 MC NE WS	1609920000	A.339
WS 12/6.5 MC NE WS	1609920000	A.350
WS 12/6.5 MC NE WS	1609920000	A.351
WS 12/6.5 MC NE WS	1609920000	A.352
WS 12/6.5 MC NE WS	1609920000	A.353
WS 12/6.5 MC NE WS	1609920000	A.354
WS 12/6.5 MC NE WS	1609920000	A.355
WS 12/6.5 MC NE WS	1609920000	A.440
WS 12/6.5 MC NE WS	1609920000	A.441
WS 12/6.5 MC NE WS	1609920000	A.442
WS 12/6.5 MC NE WS	1609920000	A.443
WS 12/6.5 MC NE WS	1609920000	B.26

Type	Order No.	Page
WS 12/6.5 MC NE WS	1609920000	B.27
WS 12/6.5 MC NE WS	1609920000	B.28
WS 12/6.5 MC NE WS	1609920000	B.29
WS 12/6.5 MC NE WS	1609920000	B.30
WS 12/6.5 MC NE WS	1609920000	B.32
WS 12/6.5 MC NE WS	1609920000	B.33
WS 12/6.5 MC NE WS	1609920000	B.34
WS 12/6.5 MC NE WS	1609920000	B.35
WS 12/6.5 MC NE WS	1609920000	B.245
WS 12/6.5 MC NE WS	1609920000	B.287
WS 12/6.5 MC NE WS	1609920000	B.288
WS 12/6.5 MC NE WS	1609920000	B.289
WS 12/6.5 MC NE WS	1609920000	B.290
WS 12/8 PLUS MC NE WS	1906000000	A.306
WS 12/8 PLUS MC NE WS	1906000000	B.239
WS 12/8 PLUS MC NE WS	1906000000	B.240
WS 12/8 PLUS MC NE WS	1906000000	B.247
WS 12/9.5-11 MC NE WS	2484220000	A.429
WS 12/9.5-11 MC NE WS	2484220000	A.430
WS 12/9.5-11 MC NE WS	2484220000	B.250
WS 12/9.5-11 MC NE WS	2484220000	B.251
WS 15/5 MC NE WS	1609880000	A.193
WS 15/5 MC NE WS	1609880000	A.194
WS 15/5 MC NE WS	1609880000	A.225
WS 15/5 MC NE WS	1609880000	A.434
WS 15/5 MC NE WS	1609880000	A.435
WS 15/5 MC NE WS	1609880000	A.436
WS 15/5 MC NE WS	1609880000	A.437
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.160
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.161
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.162
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.163
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.179
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.181
WS 7.8/9.2 PLUS MC NE GR	1208970000	B.183
WS 8/3.5 MM WS	2007140000	A.6
WS 8/3.5 MM WS	2007140000	A.7
WS 8/3.5 MM WS	2007140000	A.58
WS 8/3.5 MM WS	2007140000	A.59
WS 8/3.5 MM WS	2007140000	A.112
WS 8/3.5 MM WS	2007140000	A.113
WS 8/3.5 MM WS	2007140000	B.107
WS 8/3.5 MM WS	2007140000	B.108
WS 8/3.5 MM WS	2007140000	B.109
WS 8/3.5 MM WS	2007140000	B.124
WS 8/3.5 MM WS	2007140000	B.125
WS 8/5 MC NE WS	1640740000	A.320
WS 8/5 MC NE WS	1640740000	A.321
WS 8/5 MC NE WS	1640740000	A.322
WS 8/5 MC NE WS	1640740000	A.323
WS 8/5 MC NE WS	1640740000	A.340
WS 8/5 MC NE WS	1640740000	A.378
WS 8/5 MC NE WS	1640740000	A.379
WS 8/5 MC NE WS	1640740000	A.380
WS 8/5 MC NE WS	1640740000	A.382
WS 8/5 MC NE WS	1640740000	A.383
WS 8/5 MC NE WS	1640740000	A.395
WS 8/5 MC NE WS	1640740000	A.400
WS 8/5 MC NE WS	1640740000	A.401
WS 8/5 MC NE WS	1640740000	A.402
WS 8/5 MC NE WS	1640740000	A.403
WS 8/5 MC NE WS	1640740000	B.202
WS 8/5 MC NE WS	1640740000	B.203
WS 8/5 MC NE WS	1640740000	B.204
WS 8/5 MC NE WS	1640740000	B.205
WS 8/5 MM WS	2007150000	A.8
WS 8/5 MM WS	2007150000	A.9
WS 8/5 MM WS	2007150000	A.18
WS 8/5 MM WS	2007150000	A.19
WS 8/5 MM WS	2007150000	A.20
WS 8/5 MM WS	2007150000	A.21
WS 8/5 MM WS	2007150000	A.22
WS 8/5 MM WS	2007150000	A.23
WS 8/5 MM WS	2007150000	A.24
WS 8/5 MM WS	2007150000	A.25
WS 8/5 MM WS	2007150000	A.28
WS 8/5 MM WS	2007150000	A.29
WS 8/5 MM WS	2007150000	A.30
WS 8/5 MM WS	2007150000	A.38
WS 8/5 MM WS	2007150000	A.39
WS 8/5 MM WS	2007150000	A.41
WS 8/5 MM WS	2007150000	A.42
WS 8/5 MM WS	2007150000	A.43
WS 8/5 MM WS	2007150000	A.45
WS 8/5 MM WS	2007150000	A.46
WS 8/5 MM WS	2007150000	A.47
WS 8/5 MM WS	2007150000	A.48
WS 8/5 MM WS	2007150000	A.49
WS 8/5 MM WS	2007150000	A.50
WS 8/5 MM WS	2007150000	A.51
WS 8/5 MM WS	2007150000	A.59
WS 8/5 MM WS	2007150000	A.60
WS 8/5 MM WS	2007150000	A.68
WS 8/5 MM WS	2007150000	A.69
WS 8/5 MM WS	2007150000	A.78
WS 8/5 MM WS	2007150000	A.79
WS 8/5 MM WS	2007150000	A.80
WS 8/5 MM WS	2007150000	A.81
WS 8/5 MM WS	2007150000	A.82

Type	Order No.	Page
WS 8/5 MM WS	2007150000	A.83
WS 8/5 MM WS	2007150000	A.84
WS 8/5 MM WS	2007150000	A.85
WS 8/5 MM WS	2007150000	A.88
WS 8/5 MM WS	2007150000	A.89
WS 8/5 MM WS	2007150000	A.90
WS 8/5 MM WS	2007150000	A.93
WS 8/5 MM WS	2007150000	A.94
WS 8/5 MM WS	2007150000	A.95
WS 8/5 MM WS	2007150000	A.98
WS 8/5 MM WS	2007150000	A.99
WS 8/5 MM WS	2007150000	A.100
WS 8/5 MM WS	2007150000	A.103
WS 8/5 MM WS	2007150000	A.104
WS 8/5 MM WS	2007150000	A.105
WS 8/5 MM WS	2007150000	A.106
WS 8/5 MM WS	2007150000	A.113
WS 8/5 MM WS	2007150000	A.114
WS 8/5 MM WS	2007150000	A.115
WS 8/5 MM WS	2007150000	A.116
WS 8/5 MM WS	2007150000	A.117
WS 8/5 MM WS	2007150000	A.118
WS 8/5 MM WS	2007150000	A.120
WS 8/5 MM WS	2007150000	A.127
WS 8/5 MM WS	2007150000	A.128
WS 8/5 MM WS	2007150000	A.129
WS 8/5 MM WS	2007150000	A.130
WS 8/5 MM WS	2007150000	A.131
WS 8/5 MM WS	2007150000	A.138
WS 8/5 MM WS	2007150000	A.140
WS 8/5 MM WS	2007150000	A.146
WS 8/5 MM WS	2007150000	A.147
WS 8/5 MM WS	2007150000	A.148
WS 8/5 MM WS	2007150000	A.149
WS 8/5 MM WS	2007150000	A.150
WS 8/5 MM WS	2007150000	A.160
WS 8/5 MM WS	2007150000	A.182
WS 8/5 MM WS	2007150000	A.183
WS 8/5 MM WS	2007150000	A.188
WS 8/5 MM WS	2007150000	A.189
WS 8/5 MM WS	2007150000	A.196
WS 8/5 MM WS	2007150000	A.197
WS 8/5 MM WS	2007150000	A.200
WS 8/5 MM WS	2007150000	A.201
WS 8/5 MM WS	2007150000	A.204
WS 8/5 MM WS	2007150000	A.205
WS 8/5 MM WS	2007150000	A.206
WS 8/5 MM WS	2007150000	A.207
WS 8/5 MM WS	2007150000	A.208
WS 8/5 MM WS	2007150000	A.209
WS 8/5 MM WS	2007150000	A.210
WS 8/5 MM WS	2007150000	A.211
WS 8/5 MM WS	2007150000	A.212
WS 8/5 MM WS	2007150000	A.216
WS 8/5 MM WS	2007150000	A.217
WS 8/5 MM WS	2007150000	A.218
WS 8/5 MM WS	2007150000	A.219
WS 8/5 MM WS	2007150000	A.220
WS 8/5 MM WS	2007150000	A.221
WS 8/5 MM WS	2007150000	A.226
WS 8/5 MM WS	2007150000	A.227
WS 8/5 MM WS	2007150000	A.230
WS 8/5 MM WS	2007150000	A.231
WS 8/5 MM WS	2007150000	A.232
WS 8/5 MM WS	2007150000	A.233
WS 8/5 MM WS	2007150000	A.234
WS 8/5 MM WS	2007150000	A.250
WS 8/5 MM WS	2007150000	A.251
WS 8/5 MM WS	2007150000	A.252
WS 8/5 MM WS	2007150000	A.254
WS 8/5 MM WS	2007150000	A.255
WS 8/5 MM WS	2007150000	A.257
WS 8/5 MM WS	2007150000	A.258
WS 8/5 MM WS	2007150000	A.260
WS 8/5 MM WS	2007150000	A.261
WS 8/5 MM WS	2007150000	A.262
WS 8/5 MM WS	2007150000	A.263
WS 8/5 MM WS	2007150000	A.264
WS 8/5 MM WS	2007150000	A.266
WS 8/5 MM WS	2007150000	A.267
WS 8/5 MM WS	2007150000	A.274
WS 8/5 MM WS	2007150000	A.275
WS 8/5 MM WS	2007150000	A.276
WS 8/5 MM WS	2007150000	A.277
WS 8/5 MM WS	2007150000	A.278
WS 8/5 MM WS	2007150000	A.279
WS 8/5 MM WS	2007150000	A.280
WS 8/5 MM WS	2007150000	A.281
WS 8/5 MM WS	2007150000	A.282
WS 8/5 MM WS	2007150000	A.299
WS 8/5 MM WS	2007150000	A.300
WS 8/5 MM WS	2007150000	A.301
WS 8/5 MM WS	2007150000	A.302
WS 8/5 MM WS	2007150000	A.320
WS 8/5 MM WS	2007150000	A.321
WS 8/5 MM WS	2007150000	A.322
WS 8/5 MM WS	2007150000	A.323
WS 8/5 MM WS	2007150000	A.325
WS 8/5 MM WS	2007150000	A.330

Type	Order No.	Page
WS 8/5 MM WS	2007150000	A.331
WS 8/5 MM WS	2007150000	A.332
WS 8/5 MM WS	2007150000	A.340
WS 8/5 MM WS	2007150000	A.341
WS 8/5 MM WS	2007150000	A.358
WS 8/5 MM WS	2007150000	A.368
WS 8/5 MM WS	2007150000	A.369
WS 8/5 MM WS	2007150000	A.382
WS 8/5 MM WS	2007150000	A.383
WS 8/5 MM WS	2007150000	A.388
WS 8/5 MM WS	2007150000	A.389
WS 8/5 MM WS	2007150000	A.394
WS 8/5 MM WS	2007150000	A.395
WS 8/5 MM WS	2007150000	A.396
WS 8/5 MM WS	2007150000	A.397
WS 8/5 MM WS	2007150000	A.400
WS 8/5 MM WS	2007150000	A.401
WS 8/5 MM WS	2007150000	A.402
WS 8/5 MM WS	2007150000	A.403
WS 8/5 MM WS	2007150000	B.40
WS 8/5 MM WS	2007150000	B.41
WS 8/5 MM WS	2007150000	B.44
WS 8/5 MM WS	2007150000	B.45
WS 8/5 MM WS	2007150000	B.48
WS 8/5 MM WS	2007150000	B.50
WS 8/5 MM WS	2007150000	B.54
WS 8/5 MM WS	2007150000	B.96
WS 8/5 MM WS	2007150000	B.97
WS 8/5 MM WS	2007150000	B.111
WS 8/5 MM WS	2007150000	B.113
WS 8/5 MM WS	2007150000	B.274
WS 8/5 MM WS	2007150000	B.278
WS 8/5 MM WS	2007150000	B.279
WS 8/5 MM WS	2007150000	B.280
WS 8/5 MM WS	2007150000	B.285
WS 8/5 MM WS	2007150000	B.286
WS 8/6 MM WS	2007160000	A.10
WS 8/6 MM WS	2007160000	A.11
WS 8/6 MM WS	2007160000	A.30
WS 8/6 MM WS	2007160000	A.31
WS 8/6 MM WS	2007160000	A.40
WS 8/6 MM WS	2007160000	A.44
WS 8/6 MM WS	2007160000	A.60
WS 8/6 MM WS	2007160000	A.61
WS 8/6 MM WS	2007160000	A.70
WS 8/6 MM WS	2007160000	A.71
WS 8/6 MM WS	2007160000	A.94
WS 8/6 MM WS	2007160000	A.95
WS 8/6 MM WS	2007160000	A.99
WS 8/6 MM WS	2007160000	A.100
WS 8/6 MM WS	2007160000	A.104
WS 8/6 MM WS	2007160000	A.107
WS 8/6 MM WS	2007160000	A.108
WS 8/6 MM WS	2007160000	A.109
WS 8/6 MM WS	2007160000	A.110
WS 8/6 MM WS	2007160000	A.111
WS 8/6 MM WS	2007160000	A.116
WS 8/6 MM WS	2007160000	A.118
WS 8/6 MM WS	2007160000	A.119
WS 8/6 MM WS	2007160000	A.121
WS 8/6 MM WS	2007160000	A.132
WS 8/6 MM WS	2007160000	A.133
WS 8/6 MM WS	2007160000	A.134
WS 8/6 MM WS	2007160000	A.135
WS 8/6 MM WS	2007160000	A.139
WS 8/6 MM WS	2007160000	A.190
WS 8/6 MM WS	2007160000	A.213
WS 8/6 MM WS	2007160000	A.214
WS 8/6 MM WS	2007160000	A.233
WS 8/6 MM WS	2007160000	A.281
WS 8/6 MM WS	2007160000	A.333
WS 8/6 MM WS	2007160000	A.334
WS 8/6 MM WS	2007160000	A.342
WS 8/6 MM WS	2007160000	A.343
WS 8/6 MM WS	2007160000	A.344
WS 8/6 MM WS	2007160000	A.345
WS 8/6 MM WS	2007160000	A.346
WS 8/6 MM WS	2007160000	A.360
WS 8/6 MM WS	2007160000	A.361
WS 8/6 MM WS	2007160000	A.362
WS 8/6 MM WS	2007160000	A.370
WS 8/6 MM WS	2007160000	A.371
WS 8/6 MM WS	2007160000	A.372
WS 8/6 MM WS	2007160000	A.373
WS 8/6 MM WS	2007160000	A.374
WS 8/6 MM WS	2007160000	A.375
WS 8/6 MM WS	2007160000	A.384
WS 8/6 MM WS	2007160000	A.385
WS 8/6 MM WS	2007160000	A.386
WS 8/6 MM WS	2007160000	A.387
WS 8/6 MM WS	2007160000	A.390
WS 8/6 MM WS	2007160000	A.398
WS 8/6 MM WS	2007160000	B.117
WS 8/6 MM WS	2007160000	B.118
WS 8/6 MM WS	2007160000	B.121
WS 8/6 MM WS	2007160000	B.143
WS 8/6 MM WS	2007160000	B.144
WS 8/6 MM WS	2007160000	B.145
WS 8/6 MM WS	2007160000	B.146

Type	Order No.	Page
WS 8/6 MM WS	2007160000	B.147
WS 8/6 MM WS	2007160000	B.148
WS 8/6 MM WS	2007160000	B.149
WS 8/6 MM WS	2007160000	B.150
WS 8/6 MM WS	2007160000	B.151
WS 8/6 MM WS	2007160000	B.152
WS 8/6 MM WS	2007160000	B.153
WS 8/6 MM WS	2007160000	B.154
WS 8/6 MM WS	2007160000	B.155
WS 8/6 MM WS	2007160000	B.156
WS 8/6 MM WS	2007160000	B.157
WS 8/6 MM WS	2007160000	B.158
WS 8/6 MM WS	2007160000	B.159
WS 8/6 MM WS	2007160000	B.275
WS 8/6 MM WS	2007160000	B.279
WS 8/6 MM WS	2007160000	B.280
WS 8/6 PLUS MC NE WS	1951880000	A.324
WS 8/6 PLUS MC NE WS	1951880000	A.325
WS 8/6 PLUS MC NE WS	1951880000	B.179
WS 8/6 PLUS MC NE WS	1951880000	B.183
WS 8/6 PLUS MC NE WS	1951880000	B.188
WS 8/6 PLUS MC NE WS	1951880000	B.189
WS 8/8 MM WS	2007170000	A.191
WS 8/8 MM WS	2007170000	A.199
WS 8/8 MM WS	2007170000	A.223
WS 8/8 MM WS	2007170000	A.228
WS 8/8 MM WS	2007170000	A.229
WS 8/8 MM WS	2007170000	A.306
WS 8/8 MM WS	2007170000	A.307
WS 8/8 MM WS	2007170000	A.350
WS 8/8 MM WS	2007170000	A.351
WS 8/8 MM WS	2007170000	A.354
WS-A 8/10 MM WS	2619890000	B.179
WS-A 8/10 MM WS	2619890000	B.181
WS-A 8/10 MM WS	2619890000	B.183
WS-A 8/12 MM WS	2619900000	A.97
WS-A 8/12 MM WS	2619900000	A.98
WS-A 8/16 MM WS	2619910000	A.72
WS-A 8/16 MM WS	2619910000	A.73
WS-A 8/16 MM WS	2619910000	A.74
WS-A 8/16 MM WS	2619910000	A.75
WS-A 8/16 MM WS	2619910000	A.101
WS-A 8/16 MM WS	2619910000	A.102
WS-A 8/16 MM WS	2619910000	B.8
WS-A 8/16 MM WS	2619910000	B.9
WS-A 8/16 MM WS	2619910000	B.10
WS-A 8/16 MM WS	2619910000	B.11
WS-A 8/16 MM WS	2619910000	B.12
WS-A 8/16 MM WS	2619910000	B.16
WS-A 8/16 MM WS	2619910000	B.17
WS-A 8/16 MM WS	2619910000	B.18
WS-A 8/16 MM WS	2619910000	B.19
WS-A 8/16 MM WS	2619910000	B.20
WS-A 8/16 MM WS	2619910000	B.21
WS-A 8/16 MM WS	2619910000	B.22
WS-A 8/16 MM WS	2619910000	B.23
WS-A 8/16 MM WS	2619910000	B.24
WS-A 8/16 MM WS	2619910000	B.54
WS-A 8/16 MM WS	2619910000	B.282
WS-A 8/16 MM WS	2619910000	B.283
WS-A 8/16 MM WS	2619910000	B.284
WS-A 8/16 MM WS	2619910000	B.285
WS-A 8/8 MM WS	2448930000	A.12
WS-A 8/8 MM WS	2448930000	A.13
WS-A 8/8 MM WS	2448930000	A.14
WS-A 8/8 MM WS	2448930000	A.15
WS-A 8/8 MM WS	2448930000	A.16
WS-A 8/8 MM WS	2448930000	A.17
WS-A 8/8 MM WS	2448930000	A.32
WS-A 8/8 MM WS	2448930000	A.33
WS-A 8/8 MM WS	2448930000	A.34
WS-A 8/8 MM WS	2448930000	A.35
WS-A 8/8 MM WS	2448930000	A.62
WS-A 8/8 MM WS	2448930000	A.63
WS-A 8/8 MM WS	2448930000	A.64
WS-A 8/8 MM WS	2448930000	A.95
WS-A 8/8 MM WS	2448930000	A.96
WS-A 8/8 MM WS	2448930000	A.136
WS-A 8/8 MM WS	2448930000	B.104
WS-A 8/8 MM WS	2448930000	B.105
WS-A 8/8 MM WS	2448930000	B.106
WS-A 8/8 MM WS	2448930000	B.107
WS-A 8/8 MM WS	2448930000	B.108
WS-A 8/8 MM WS	2448930000	B.109
WS-A 8/8 MM WS	2448930000	B.275
WS-A 8/8 MM WS	2448930000	B.281
WSD 2.5/SCAN WTR2.5	1058760000	A.380
WSH 1	1068700000	B.264
WSH 18 MT	1083100000	B.265
WSH 19 MT	1083200000	B.265
WSH 3/H/N	1715970000	B.264
WSH 4 MT	1079900000	B.263
WSH 5	1080100000	B.264
WSH 6	1080200000	B.264
WSI 25/1 CC	1966050000	A.356
WSI 25/1 CC/LED	1966070000	A.356
WSI 25/1 10X38	1966020000	A.356
WSI 25/1 10X38 1KV	1137790000	A.357
WSI 25/1 10X38/LED 1KV	1137780000	A.357
WSI 25/1 10X38/LED 690V	1966060000	A.356
WSI 25/2 CC	1966040000	A.356
WSI 25/2 10X38	1966090000	A.356
WSI 25/3 CC	1966030000	A.356
WSI 25/3 10X38	1966080000	A.356
WSI 4	1886580000	A.347
WSI 4	2562590000	A.348
WSI 4/2	1880430000	A.349
WSI 4/2/LD 10-36V AC/DC	1880410000	A.349
WSI 4/2/LD 140-250V AC/DC	1880390000	A.349
WSI 4/2/LD 30-70V AC/DC	1880440000	A.349
WSI 4/2/LD 60-150V AC/DC	1880420000	A.349
WSI 4/LD 10-36V AC/DC	1886590000	A.347
WSI 4/LD 10-36V AC/DC	2564350000	A.348
WSI 4/LD 140-250V AC/DC	1886550000	A.347
WSI 4/LD 140-250V AC/DC	2564380000	A.348
WSI 4/LD 30-70V AC/DC	1886560000	A.347
WSI 4/LD 30-70V AC/DC	2564360000	A.348
WSI 4/LD 60-150V AC/DC	1886570000	A.347
WSI 4/LD 60-150V AC/DC	2564370000	A.348
WSI 6	1011000000	A.350
WSI 6/2 GZ/DEF63	1014000000	A.352
WSI 6/2/LD 10-36V DC/AC	1014100000	A.353
WSI 6/2/LD 10-36V LLC	1119800000	A.355
WSI 6/2/LD 250AC	1014400000	A.353
WSI 6/2/LD 250AC LLC	1119790000	A.355
WSI 6/2/LD 30-70V DC/AC	1014200000	A.353
WSI 6/2/LD 30-70V LLC	1119810000	A.355
WSI 6/2/LD 60-150V LLC	1119820000	A.355
WSI 6/2/LD 60-150VDC/AC	1014300000	A.353
WSI 6/LD 10-36V DC/AC	1011300000	A.351
WSI 6/LD 10-36V LLC	1119840000	A.354
WSI 6/LD 250AC	1012400000	A.351
WSI 6/LD 250AC LLC	1119870000	A.354
WSI 6/LD 30-70V DC/AC	1012200000	A.351
WSI 6/LD 30-70V LLC	1119830000	A.354
WSI 6/LD 60-150V DC/AC	1012300000	A.351
WSI 6/LD 60-150V LLC	1119850000	A.354
WT 2.5	1305330000	A.388
WT4 4AN/2	1107680000	A.390
WTA 1 WDU1.5	1632290000	A.301
WTA 1 WDU1.5	1632290000	A.302
WTA 1 WDU1.5	1632290000	A.304
WTA 1 WDU1.5	1632290000	A.422
WTA 1/ZA WDU1.5	1632300000	A.301
WTA 1/ZA WDU1.5	1632300000	A.302
WTA 1/ZA WDU1.5	1632300000	A.304
WTA 1/ZA WDU1.5	1632300000	A.422
WTA 2 WDU2.5-10	1632320000	A.299
WTA 2 WDU2.5-10	1632320000	A.300
WTA 2 WDU2.5-10	1632320000	A.301
WTA 2 WDU2.5-10	1632320000	A.311
WTA 2 WDU2.5-10	1632320000	A.422
WTA 2 WDU2.5-10	1632320000	B.286
WTA 2 WDU2.5-10	1632320000	B.287
WTA 2/10 WDU2.5/10	1632340000	A.422
WTA 2/ZA WDU2.5-10	1632330000	A.299
WTA 2/ZA WDU2.5-10	1632330000	A.300
WTA 2/ZA WDU2.5-10	1632330000	A.301
WTA 2/ZA WDU2.5-10	1632330000	A.422
WTA 2/ZA WDU2.5-10	1632330000	B.286
WTA 3 WDU4	1632350000	A.303
WTA 3 WDU4	1632350000	A.305
WTA 3 WDU4	1632350000	A.306
WTA 3 WDU4	1632350000	A.308
WTA 3 WDU4	1632350000	A.422
WTA 3 WDU4	1632350000	B.286
WTA 3/ZA WDU4	1632360000	A.303
WTA 3/ZA WDU4	1632360000	A.422
WTA 3/ZA WDU4	1632360000	B.286
WTA 4N WDK 2.5	1878660000	A.422
WTA 4N/ZA WDK 2.5	1879350000	A.422
WTA 5/1	1051260000	A.307
WTA 5/1	1051260000	A.308
WTA 5/1	1051260000	A.309
WTA 5/1	1051260000	A.423
WTA 5/10	1062060000	A.423
WTA 6 WTR2.5	1632380000	A.368
WTA 6 WTR2.5	1632380000	A.422
WTA 6/ZA WTR2.5	1632390000	A.422
WTA 7 WSI6	1650210000	A.422
WTA 8 KO-TN	1915480000	A.423
WTA 8 TN	1915450000	A.423
WTA 8 TN	1915450000	B.234
WTD 6 SL/EN	9538100000	B.244
WTD 6 SL/EN	9538100000	B.245
WTD 6/1 EN	1934830000	B.238
WTD 6/1 EN	1934830000	B.239
WTL 35/1STB	1925060000	B.249
WTL 35/1STB/WQV	1925050000	B.249
WTL 35/2STB	1925030000	B.249
WTL 4	1754960000	B.234
WTL 4/2 STB	1881650000	B.234
WTL 4/STB	1754970000	B.234
WTL 6 SL/EN	9538080000	B.244
WTL 6 SL/EN	9538080000	B.245
WTL 6 STB	2863880000	B.236
WTL 6 STB	2863880000	B.237
WTL 6/1 EN	1934810000	B.238
WTL 6/1 EN	1934810000	B.239
WTL 6/1 EN STB	1934820000	B.239
WTL 6/3	1018800000	B.246
WTL 6/3	1018800000	B.247
WTL 6/3/STB	1018600000	B.247
WTL 6 STB BL	2863890000	B.236
WTL 6 STB BL	2863890000	B.237
WTL 6 STB GR	2863910000	B.236
WTL 6 STB GR	2863910000	B.237
WTL 6 STB SW	2863900000	B.236
WTL 6 STB SW	2863900000	B.237
WTQ 6/1 EN	1934790000	B.240
WTQ 6/1 EN STB	1934800000	B.240
WTR 2.5	1855610000	A.368
WTR 2.5 BL	8731640000	A.368
WTR 2.5 STB2.3	1855620000	A.368
WTR 2.5 STB2.3 BL	8731660000	A.368
WTR 2.5/O.TNHE	8731700000	A.368
WTR 2.5/O.TNHE STB2.3	8731670000	A.368
WTR 2.5/SI	1763940000	A.358
WTR 2.5/SI LD 36V	1763950000	A.358
WTR 2.5/ZZ	1039900000	A.369
WTR 2.5/ZZ BL	1039980000	A.369
WTR 2.5/ZZ O.TNHE	1774670000	A.369
WTR 35 E	1045970000	B.293
WTR 4	7910180000	A.373
WTR 4 BL	7910190000	A.373
WTR 4 SI SL	7910330000	A.359
WTR 4 SL	7910270000	A.375
WTR 4 STB	7910210000	A.373
WTR 4 STB BL	7910220000	A.373
WTR 4 STB SL	7910300000	A.376
WTR 4 STB SL BL	7910310000	A.376
WTR 4 STB/O.TNHE	2436390000	A.373
WTR 4/O.TNHE	2436380000	A.373
WTR 4/ZR	1905080000	A.375
WTR 4/ZR STB	1905110000	A.375
WTR 4/ZZ	1905090000	A.374
WTR 4/ZZ BL	1193450000	A.374
WTR 4/ZZ STB	1905100000	A.374
WTR 4/ZZ STB BL	1231330000	A.374
WTR 4/ZZ STB/O.TNHE	2436360000	A.374
WTR 4/ZZ/O.TNHE	2436420000	A.374
WTR4 SL/EN	7910360000	A.376
WTR4 SL/EN STB	7910390000	A.377
WTTB 6	2710090000	B.214
WTTB 6	2710090000	B.215
WTTB 6	2710090000	B.216
WTTB 6 PE	2710100000	B.214
WTTB 6 PE	2710100000	B.215
WTTB 6 PE	2710100000	B.216
WTTB 6 PE	2710100000	B.220
WTTB 6 PE	2710100000	B.223
WTW EN	1058800000	A.311
WTW EN	1058800000	A.313
WTW EN	1058800000	A.320
WTW EN	1058800000	A.321
WTW EN	1058800000	A.322
WTW EN	1058800000	A.323
WTW EN	1058800000	A.324
WTW EN	1058800000	A.325
WTW EN	1058800000	A.340
WTW EN	1058800000	A.395
WTW EN	1058800000	B.26
WTW EN	1058800000	B.245
WTW EN	1058800000	B.287
WTW EN	1058800000	B.288
WTW WF10/WF12	1780890000	A.436
WTW WF10/WF12	1780890000	A.437
WTW WF10/WF12	1780890000	A.438
WTW WF10/WF12	1780890000	A.439
WTW WF10/WF12	1780890000	A.446
WTW WF10/WF12 2300	1780920000	A.436
WTW WF10/WF12 2300	1780920000	A.437
WTW WF10/WF12 2300	1780920000	A.439
WTW WF10/WF12 2300	1780920000	A.447
WTW WF6	1781220000	A.434
WTW WF6	1781220000	A.435
WTW WF6	1781220000	A.446
WTW WF6 2300	1781230000	A.434
WTW WF6 2300	1781230000	A.435
WTW WF6 2300	1781230000	A.438
WTW WF6 2300	1781230000	A.447
WTW WF6-WF12	1781240000	A.434
WTW WF6-WF12	1781240000	A.435
WTW WF6-WF12	1781240000	A.446
WTW WF8	1780900000	A.435
WTW WF8	1780900000	A.436
WTW WF8	1780900000	A.446
WTW WF8 2300	1780910000	A.435
WTW WF8 2300	1780910000	A.436
WTW WF8 2300	1780910000	A.438
WTW WF8 2300	1780910000	A.447
WTW WFF120	1067300000	A.441
WTW WFF120	1067300000	A.442
WTW WFF120	1067300000	A.446
WTW WFF185/300	1067400000	A.442
WTW WFF185/300	1067400000	A.443
WTW WFF185/300	1067400000	A.446
WTW WFF35	1067100000	A.440
WTW WFF35	1067100000	A.446
WTW WFF70	1067200000	A.441
WTW WFF70	1067200000	A.446
WTW WTL 6/1 4MM	1766900000	B.236
WTW WTL6/1 DB	1068400000	B.239
WTW WTL6/1 DB	1068400000	B.240
WZAD 240	1802810000	A.316
WZAD 240	1802810000	B.30
WZAD 50N	1872720000	A.314
WZAD 50N	1872720000	B.27
WZAD 50N	1872720000	B.28
WZAD 50N	1872720000	B.289
WZAD 70/95	1066000000	A.319
WZAD 70/95	1066000000	B.29
WZAD 70N	1964830000	A.315
WZAD 70N	1964830000	B.28
WZAD 70N	1964830000	B.29
WZAD 70N	1964830000	B.290
WZAD 95N/120N	1859580000	A.315
WZAD 95N/120N	1859580000	B.29
WZAD 95N/120N	1859580000	B.290
WZAD120	1066100000	A.319
WZAD120	1066100000	B.30
WZAF 120	1066300000	A.436
WZAF 120	1066300000	A.437
WZAF 120	1066300000	A.439
WZAF 120	1066300000	A.441
WZAF 120	1066300000	A.442
WZAF 185	1066400000	A.437
WZAF 185	1066400000	A.442
WZAF 185	1066400000	A.443
WZAF 300	1066500000	A.443
WZAF 35	1070500000	A.435
WZAF 35	1070500000	A.438
WZAF 35	1070500000	A.440
WZAF 70	1066200000	A.435
WZAF 70	1066200000	A.436
WZAF 70	1066200000	A.438
WZAF 70	1066200000	A.441

Z

ZAD 1/4	1609110000	A.188
ZAD 1/4	1609110000	A.189
ZAD 1/4	1609110000	A.197
ZAD 1/4	1609110000	A.198
ZAD 1/4	1609110000	A.213
ZAD 1/4	1609110000	A.214
ZAD 1/4	1609110000	A.215
ZAD 1/4-2 GE	1764560000	A.196
ZAD 1/4-2 GE	1764560000	A.197
ZAD 1/4-2 GE	1764560000	A.210
ZAD 1/4-2 GE	1764560000	A.211
ZAD 1/4-2 GE	1764560000	A.212
ZAD 2/4	1609080000	A.190
ZAD 2/4	1609080000	A.191
ZAD 2/4	1609080000	A.199
ZAD 3/4	1609120000	A.187
ZAD 3/4	1609120000	A.191
ZAD 4/5	1746730000	A.192
ZAD 5/5	1745210000	A.193
ZAD 6/5	1752620000	A.194
ZAD 7/4	1781940000	A.186
ZAD 7/4	1781940000	A.187
ZAD 7/4	1781940000	A.202
ZAD 7/4	1781940000	A.203
ZAD 9/4	1934160000	A.200
ZAD 9/4	1934160000	A.201
ZAD 9/4	1934160000	A.216
ZAD 9/4	1934160000	A.217
ZAD 9/4	1934160000	A.232
ZAD ZT/ZPS2.5	1861030000	A.271
ZAD ZT/ZPS2.5	1861030000	A.393
ZAP TNHE/ZSI2.5	1610840000	A.235
ZAP TNHE/ZSI2.5	1610840000	A.236
ZAP TNHE/ZSI2.5	1610840000	A.237
ZAP TNHE/ZSI2.5	1610840000	A.238
ZAP TNHE/ZSI2.5	1610840000	A.239
ZAP ZDU4-2	1770400000	A.197
ZAP ZDU4-2	1770400000	A.198
ZAP ZDU4-2	1770400000	A.227
ZAP ZDU4-2 BL	1770880000	A.197
ZAP ZDU4-2 BL	1770880000	A.198
ZAP ZDU4-2/4AN	1807010000	A.198
ZAP ZDU4-2/4AN	1807010000	A.228
ZAP ZDU4-2/4AN BL	1807020000	A.198
ZAP ZDU6-2	1771440000	A.199
ZAP ZDU6-2	1771440000	A.228
ZAP ZDU6-2	1771440000	A.229
ZAP ZDU6-2	1771440000	A.251
ZAP ZDU6-2	1771440000	B.292
ZAP ZDU6-2 SW	1814710000	A.240
ZAP ZDU6-2 SW	1814710000	A.242
ZAP ZDU6-2 SW	1814710000	A.244
ZAP ZDU6-2 SW	1814710000	A.245
ZAP ZDU6-2 SW	1814710000	A.246
ZAP ZDUB	1704750000	A.180
ZAP ZDUB	1704750000	A.181

Type	Order No.	Page
ZAP ZDUB	1704750000	A.182
ZAP ZDUB	1704750000	A.219
ZAP ZDUB BL	1704760000	A.180
ZAP ZDUB BL	1704760000	A.181
ZAP ZDUB BL	1704760000	A.182
ZAP ZDUB OR	1704770000	A.180
ZAP ZDUB OR	1704770000	A.181
ZAP ZDUB OR	1704770000	A.182
ZAP ZMAK2.5	1768010000	A.209
ZAP ZMAK2.5	1768010000	B.97
ZAP ZSI2X6/4X2.5	1059310000	A.247
ZAP ZSI2X6/4X2.5	1059310000	A.248
ZAP ZVLD 2.5	1210410000	A.208
ZAP/TW 1	1608740000	A.188
ZAP/TW 1	1608740000	A.220
ZAP/TW 1	1608740000	A.250
ZAP/TW 1	1608740000	B.234
ZAP/TW 1 BL	1608750000	A.188
ZAP/TW 10/16	1749580000	A.192
ZAP/TW 10/16	1749580000	A.193
ZAP/TW 10/16	1749580000	A.224
ZAP/TW 10/16	1749580000	A.225
ZAP/TW 10/16 BL	1768520000	A.192
ZAP/TW 10/16 BL	1768520000	A.193
ZAP/TW 2 BL	1608780000	A.188
ZAP/TW 2 DB	1608770000	A.188
ZAP/TW 2 DB	1608770000	A.221
ZAP/TW 3	1608800000	A.189
ZAP/TW 3	1608800000	A.221
ZAP/TW 3	1608800000	A.235
ZAP/TW 3	1608800000	A.236
ZAP/TW 3	1608800000	A.237
ZAP/TW 3	1608800000	A.250
ZAP/TW 3	1608800000	A.251
ZAP/TW 3	1608800000	A.274
ZAP/TW 3	1608800000	A.275
ZAP/TW 3 BL	1608810000	A.189
ZAP/TW 4	1632090000	A.190
ZAP/TW 4	1632090000	A.221
ZAP/TW 4 BL	1632100000	A.190
ZAP/TW 4/3AN	7904100000	A.190
ZAP/TW 4/3AN	7904100000	A.222
ZAP/TW 4/3AN BL	7904110000	A.190
ZAP/TW 5	1608830000	A.191
ZAP/TW 5	1608830000	A.223
ZAP/TW 5 BL	1608840000	A.191
ZAP/TW ZDK 2.5/3AN	1924910000	A.216
ZAP/TW ZDK 2.5/3AN	1924910000	A.217
ZAP/TW ZDK 2.5/3AN	1924910000	A.234
ZAP/TW ZDK1.5	1791160000	A.202
ZAP/TW ZDK1.5	1791160000	A.203
ZAP/TW ZDK1.5	1791160000	A.232
ZAP/TW ZDK1.5 BL	1791170000	A.202
ZAP/TW ZDK1.5 BL	1791170000	A.203
ZAP/TW ZDK2.5	1674730000	A.204
ZAP/TW ZDK2.5	1674730000	A.205
ZAP/TW ZDK2.5	1674730000	A.232
ZAP/TW ZDK2.5	1674730000	A.277
ZAP/TW ZDK2.5	1674730000	A.278
ZAP/TW ZDK2.5	1674730000	A.279
ZAP/TW ZDK2.5	1674730000	A.280
ZAP/TW ZDK2.5	1674730000	A.281
ZAP/TW ZDK2.5 BL	1748800000	A.204
ZAP/TW ZDK2.5 BL	1748800000	A.205
ZAP/TW ZDK2.5 BL	1748800000	A.277
ZAP/TW ZDK2.5-2	1791050000	A.210
ZAP/TW ZDK2.5-2	1791050000	A.233
ZAP/TW ZDK2.5-2 BL	1791060000	A.210
ZAP/TW ZDK2.5-2/4AN	1394050000	A.211
ZAP/TW ZDK4-2	8670760000	A.213
ZAP/TW ZDK4-2	8670760000	A.214
ZAP/TW ZDK4-2	8670760000	A.233
ZAP/TW ZDK4-2	8670760000	A.281
ZAP/TW ZDKPE2.5-2	1805960000	A.212
ZAP/TW ZDLD2.5-2N	1782340000	A.206
ZAP/TW ZDLD2.5-2N	1782340000	A.207
ZAP/TW ZDLD2.5-2N BL	1782350000	A.206
ZAP/TW ZDLD2.5-2N BL	1782350000	A.207
ZAP/TW ZDT2.5/2	1816110000	A.260
ZAP/TW ZDT2.5/2	1816110000	A.261
ZAP/TW ZDT2.5/2	1816110000	A.262
ZAP/TW ZDU/ZPE 2.5N	1933790000	A.200
ZAP/TW ZDU/ZPE 2.5N	1933790000	A.230
ZAP/TW ZDU/ZPE 2.5N/3AN	1933800000	A.200
ZAP/TW ZDU/ZPE 2.5N/3AN	1933800000	A.230
ZAP/TW ZDU/ZPE 2.5N/4AN	1933810000	A.201
ZAP/TW ZDU/ZPE 2.5N/4AN	1933810000	A.231
ZAP/TW ZDU1.5/2AN	1776030000	A.186
ZAP/TW ZDU1.5/2AN	1776030000	A.219
ZAP/TW ZDU1.5/2AN BL	1776040000	A.186
ZAP/TW ZDU1.5/3AN	1776060000	A.186
ZAP/TW ZDU1.5/3AN	1776060000	A.219
ZAP/TW ZDU1.5/3AN BL	1776070000	A.186
ZAP/TW ZDU1.5/4AN	1776090000	A.187
ZAP/TW ZDU1.5/4AN	1776090000	A.220
ZAP/TW ZDU1.5/4AN BL	1776100000	A.187
ZAP/TW ZDU10	1748660000	A.192
ZAP/TW ZDU10	1748660000	A.224
ZAP/TW ZDU10 BL	1764110000	A.192

Type	Order No.	Page
ZAP/TW ZDU16	1745150000	A.193
ZAP/TW ZDU16	1745150000	A.225
ZAP/TW ZDU16 BL	1764100000	A.193
ZAP/TW ZDUA	1720960000	A.183
ZAP/TW ZDUA	1720960000	A.218
ZAP/TW ZDUA BL	1720970000	A.183
ZAP/TW ZDUA OR	1720980000	A.183
ZAP/TW ZDUA2.5-2N	1808170000	A.183
ZAP/TW ZDUA2.5-2N	1808170000	A.218
ZAP/TW ZIA1.5/3L	1649540000	B.128
ZAP/TW ZIA1.5/4L	1649550000	B.129
ZAP/TW ZPV1.5	1674650000	B.128
ZAP/TW ZT2.5/2AN	1816030000	A.254
ZAP/TW ZT2.5/2AN	1816030000	A.257
ZAP/TW ZT2.5/2AN OR	1816040000	A.254
ZAP/TW ZT2.5/2AN OR	1816040000	A.257
ZAP/TW ZT2.5/3AN	1816050000	A.254
ZAP/TW ZT2.5/3AN	1816050000	A.257
ZAP/TW ZT2.5/4AN/2	1816070000	A.255
ZAP/TW ZT2.5/4AN/2	1816070000	A.258
ZAP/TW ZT2.5/4AN/2 OR	1816080000	A.255
ZAP/TW ZT2.5/4AN/2 OR	1816080000	A.258
ZAP/TW ZT2.5/4AN/4	1816090000	A.255
ZAP/TW ZT2.5/4AN/4	1816090000	A.258
ZAP/TW ZT4/2AN	1855220000	A.256
ZAP/TW ZT4/2AN	1855220000	A.259
ZAP/TW ZT4/2AN OR	1855230000	A.256
ZAP/TW ZT4/2AN OR	1855230000	A.259
ZAP/TW ZT4/4AN/2	1848360000	A.256
ZAP/TW ZT4/4AN/2	1848360000	A.259
ZAP/TW ZTTR2.5	1865520000	A.263
ZAP/TW4/4AN	7904210000	A.191
ZAP/TW4/4AN	7904210000	A.222
ZAP/TW4/4AN BL	7904220000	A.191
ZAP/TW6/3AN	7907370000	A.191
ZAP/TW6/3AN	7907370000	A.223
ZAP/TW6/3AN BL	7907380000	A.191
ZAP/TW7	1706110000	A.196
ZAP/TW7	1706110000	A.197
ZAP/TW7	1706110000	A.226
ZAP/TW7	1706110000	A.227
ZAP/TW7	1706110000	A.251
ZAP/TW7	1706110000	A.276
ZAP/TW7	1706110000	A.277
ZAP/TW7 BL	1706120000	A.196
ZAP/TW7 BL	1706120000	A.197
ZAP/Z...16-2/1AN	1772970000	A.199
ZAP/Z...16-2/1AN	1772970000	A.229
ZB 16 ZKSC	0316600000	B.198
ZB 16 ZKSC	0316600000	B.199
ZB 16 ZKSC	0316600000	B.200
ZB 16 ZKSC	0316600000	B.204
ZB 16 ZKSC	0316600000	B.205
ZB 35/M6X16	0266500000	B.198
ZB 35/M6X16	0266500000	B.199
ZB 35/M6X16	0266500000	B.200
ZB 35/M6X16	0266500000	B.204
ZB 35/M6X16	0266500000	B.205
ZB 4	0316500000	B.198
ZB 4	0316500000	B.199
ZB 4	0316500000	B.200
ZB 4	0316500000	B.204
ZB 4	0316500000	B.205
ZBB ZDUB	1704740000	A.181
ZDK 1.5	1791100000	A.202
ZDK 1.5 BL	1791110000	A.202
ZDK 1.5DU-PE	1791120000	A.203
ZDK 1.5PE	1791150000	A.232
ZDK 1.5V	1791130000	A.202
ZDK 1.5V BL	1791140000	A.202
ZDK 2.5	1674300000	A.204
ZDK 2.5 BL	1678630000	A.204
ZDK 2.5 EM	1768800000	A.277
ZDK 2.5 OR	1694140000	A.277
ZDK 2.5-2	1790990000	A.210
ZDK 2.5-2 BL	1791000000	A.210
ZDK 2.5-2/4AN	1394040000	A.211
ZDK 2.5-2/LD 24VUC	1905310000	A.282
ZDK 2.5-2PE	1791010000	A.233
ZDK 2.5-2V	1791030000	A.210
ZDK 2.5-2V BL	1791040000	A.210
ZDK 2.5/3AN	1924510000	A.216
ZDK 2.5/3AN BL	1924500000	A.216
ZDK 2.5/3AN DU-PE	1924460000	A.217
ZDK 2.5/3AN PE	1924470000	A.234
ZDK 2.5/3AN V	1924490000	A.216
ZDK 2.5/3AN V BL	1924480000	A.216
ZDK 2.5/D/1	1690020000	A.279
ZDK 2.5/D/2	1690030000	A.279
ZDK 2.5/D/4	1690040000	A.279
ZDK 2.5/D/5	1690050000	A.280
ZDK 2.5/D/6	1690060000	A.280
ZDK 2.5/D/9	2738140000	A.281
ZDK 2.5/LD RT/1	1690010000	A.278
ZDK 2.5/LD RT/2	1693940000	A.278
ZDK 2.5DU-PE	1689970000	A.205
ZDK 2.5N-DU	1689960000	A.205
ZDK 2.5N-PE	1689980000	A.205
ZDK 2.5PE	1690000000	A.232

Type	Order No.	Page
ZDK 2.5V	1689990000	A.204
ZDK 2.5V BL	1745880000	A.204
ZDK 4-2	8670750000	A.213
ZDK 4-2 BL	8670850000	A.213
ZDK 4-2 EL	8709760000	A.281
ZDK 4-2 PE	8671050000	A.233
ZDK 4-2 V	8671080000	A.213
ZDK 4-2/2AN	1119700000	A.215
ZDK 4-2/D FORWARD	8670520000	A.281
ZDK 4-2/DU-PE	8671120000	A.214
ZDKPE 2.5-2	1805940000	A.212
ZDKPE 2.5-2/N/L/PE	1895700000	A.212
ZDLD 2.5-2N	1782300000	A.206
ZDLD 2.5-2N BL	1782310000	A.206
ZDLD 2.5-2N PE	1131740000	A.207
ZDLD 2.5-2N/PE/L/L	1131750000	A.207
ZDLD 2.5-2N/PE/L/N	1131760000	A.207
ZDLD 2.5-2VN	1782320000	A.206
ZDLD 2.5-2VN BL	1782330000	A.206
ZDT 2.5/2	1815150000	A.260
ZDT 2.5/2 BL	1348970000	A.260
ZDT 2.5/2 DU-PE	1815160000	A.261
ZDT 2.5/2 PE	1815170000	A.262
ZDT 2.5/2 V	1084770000	A.260
ZDTR 2.5	1745400000	A.252
ZDTR 2.5 BL	1798330000	A.252
ZDU 1.5	1775480000	A.186
ZDU 1.5 BL	1775490000	A.186
ZDU 1.5/2X2AN	1826970000	A.187
ZDU 1.5/3AN	1775530000	A.186
ZDU 1.5/3AN BL	1775540000	A.186
ZDU 1.5/4AN	1775580000	A.187
ZDU 1.5/4AN BL	1775600000	A.187
ZDU 10	1746750000	A.192
ZDU 10 BL	1746760000	A.192
ZDU 10/3AN	1767690000	A.192
ZDU 10/3AN BL	1767700000	A.192
ZDU 16	1745230000	A.193
ZDU 16 BL	1745240000	A.193
ZDU 16/3AN	1768320000	A.193
ZDU 16/3AN BL	1768330000	A.193
ZDU 2.5	1608510000	A.188
ZDU 2.5 BL	1608520000	A.188
ZDU 2.5-2	1772060000	A.196
ZDU 2.5-2 BL	1772070000	A.196
ZDU 2.5-2 O.EL	1868870000	A.276
ZDU 2.5-2/3AN	1706010000	A.196
ZDU 2.5-2/3AN BL	1706040000	A.196
ZDU 2.5-2/4AN	1706060000	A.197
ZDU 2.5-2/4AN BL	1706070000	A.197
ZDU 2.5-2/D+	1779110000	A.276
ZDU 2.5-2/D-	1779000000	A.277
ZDU 2.5/2X2AN	1608600000	A.189
ZDU 2.5/2X2AN BL	1608610000	A.189
ZDU 2.5/2X2AN/D+	1650340000	A.275
ZDU 2.5/2X2AN/D-	1650350000	A.275
ZDU 2.5/2X2AN/LD+	1692590000	A.274
ZDU 2.5/2X2AN/LD-	1692600000	A.274
ZDU 2.5/3AN	1608540000	A.188
ZDU 2.5/3AN BL	1608550000	A.188
ZDU 2.5/4AN	1608570000	A.189
ZDU 2.5/4AN BL	1608580000	A.189
ZDU 2.5N	1933700000	A.200
ZDU 2.5N BL	1933710000	A.200
ZDU 2.5N/3AN	1933720000	A.200
ZDU 2.5N/3AN BL	1933730000	A.200
ZDU 2.5N/4AN	1933740000	A.201
ZDU 2.5N/4AN BL	1933750000	A.201
ZDU 35	1739620000	A.194
ZDU 35 BL	1739630000	A.194
ZDU 4	1632050000	A.190
ZDU 4 BL	1632060000	A.190
ZDU 4-2/2AN	1770370000	A.197
ZDU 4-2/2AN BL	1770840000	A.197
ZDU 4-2/3AN	1770360000	A.197
ZDU 4-2/3AN BL	1770860000	A.197
ZDU 4-2/3AN LSC	1790520000	A.198
ZDU 4-2/3AN LSC BL	1804880000	A.198
ZDU 4-2/4AN	1806980000	A.198
ZDU 4-2/4AN BL	1806990000	A.198
ZDU 4/3AN	7904180000	A.190
ZDU 4/3AN BL	7904190000	A.190
ZDU 4/4AN	7904290000	A.191
ZDU 4/4AN BL	7904300000	A.191
ZDU 6	1608620000	A.191
ZDU 6 BL	1608630000	A.191
ZDU 6-2/2AN	1771380000	A.199
ZDU 6-2/2AN BL	1771390000	A.199
ZDU 6-2/3AN	1771410000	A.199
ZDU 6-2/3AN BL	1771420000	A.199
ZDU 6/3AN	7907410000	A.191
ZDU 6/3AN BL	7907420000	A.191
ZDUA 2.5-2	1720920000	A.183
ZDUA 2.5-2 BL	1720930000	A.183
ZDUA 2.5-2 OR	1720940000	A.183
ZDUA 2.5-2N	1808200000	A.183
ZDUB 2.5-2/2AN/15	1712750000	A.182
ZDUB 2.5-2/2AN/15 BL	1712760000	A.182
ZDUB 2.5-2/2AN/15 OR	1712770000	A.182

Type	Order No.	Page
ZDUB 2.5-2/2AN/DB	1704500000	A.181
ZDUB 2.5-2/2AN/DB GE	1704530000	A.181
ZDUB 2.5-2/2AN/DM	1704350000	A.181
ZDUB 2.5-2/2AN/DM BL	1704360000	A.181
ZDUB 2.5-2/2AN/DM GE	1704380000	A.181
ZDUB 2.5-2/2AN/DM OR	1704370000	A.181
ZDUB 2.5-2/2AN/RC	1712820000	A.180
ZDUB 2.5-2/2AN/RC BL	1712830000	A.180
ZDUB 2.5-2/4AN/15	1712780000	A.182
ZDUB 2.5-2/4AN/15 BL	1712790000	A.182
ZDUB 2.5-2/4AN/15 OR	1712800000	A.182
ZDUB 2.5-2/4AN/DB	1704690000	A.181
ZDUB 2.5-2/4AN/DB BL	1704700000	A.181
ZDUB 2.5-2/4AN/DB GE	1704720000	A.181
ZDUB 2.5-2/4AN/DM	1704540000	A.181
ZDUB 2.5-2/4AN/DM BL	1704550000	A.181
ZDUB 2.5-2/4AN/DM GE	1704570000	A.181
ZDUB 2.5-2/4AN/DM OR	1704560000	A.181
ZDUB 2.5-2/4AN/RC	1712970000	A.180
ZDUB 2.5-2/4AN/RC BL	1712980000	A.180
ZDUB 2.5-2/4AN/RC GE	1713000000	A.180
ZEI 16	1745350000	A.193
ZEI 16 BL	1766240000	A.193
ZEI 16-2/1AN	1772940000	A.199
ZEI 16-2/1AN BL	1772950000	A.199
ZEI 6	1791190000	A.187
ZEW 15	7920340000	A.182
ZEW 15	7920340000	A.183
ZEW 15	7920340000	A.218
ZEW 15	7920340000	A.219
ZEW 15	7920340000	C.15
ZEW 35	9540000000	A.186
ZEW 35	9540000000	A.187
ZEW 35	9540000000	A.188
ZEW 35	9540000000	A.189
ZEW 35	9540000000	A.190
ZEW 35	9540000000	A.191
ZEW 35	9540000000	A.192
ZEW 35	9540000000	A.193
ZEW 35	9540000000	A.194
ZEW 35	9540000000	A.196
ZEW 35	9540000000	A.197
ZEW 35	9540000000	A.198
ZEW 35	9540000000	A.199
ZEW 35	9540000000	A.200
ZEW 35	9540000000	A.201
ZEW 35	9540000000	A.202
ZEW 35	9540000000	A.203
ZEW 35	9540000000	A.204
ZEW 35	9540000000	A.205
ZEW 35	9540000000	A.206
ZEW 35	9540000000	A.207
ZEW 35	9540000000	A.209
ZEW 35	9540000000	A.210
ZEW 35	9540000000	A.211
ZEW 35	9540000000	A.212
ZEW 35	9540000000	A.213
ZEW 35	9540000000	A.214
ZEW 35	9540000000	A.215
ZEW 35	9540000000	A.216
ZEW 35	9540000000	A.217
ZEW 35	9540000000	A.219
ZEW 35	9540000000	A.220
ZEW 35	9540000000	A.221
ZEW 35	9540000000	A.222
ZEW 35	9540000000	A.223
ZEW 35	9540000000	A.224
ZEW 35	9540000000	A.225
ZEW 35	9540000000	A.226
ZEW 35	9540000000	A.227
ZEW 35	9540000000	A.228
ZEW 35	9540000000	A.229
ZEW 35	9540000000	A.230
ZEW 35	9540000000	A.231
ZEW 35	9540000000	A.232
ZEW 35	9540000000	A.233
ZEW 35	9540000000	A.250
ZEW 35	9540000000	A.251
ZEW 35	9540000000	A.252
ZEW 35	9540000000	A.263
ZEW 35	9540000000	A.274
ZEW 35	9540000000	A.275
ZEW 35	9540000000	A.276
ZEW 35	9540000000	A.277
ZEW 35	9540000000	A.278
ZEW 35	9540000000	A.279
ZEW 35	9540000000	A.280
ZEW 35	9540000000	A.281
ZEW 35	9540000000	A.282
ZEW 35	9540000000	B.97
ZEW 35	9540000000	B.276
ZEW 35	9540000000	B.292
ZEW 35	9540000000	C.15
ZEW 35 GR	1238040000	C.15
ZEW 35/2	8630740000	A.208
ZEW 35/2	8630740000	A.234
ZEW 35/2	8630740000	B.117
ZEW 35/2	8630740000	C.15
ZEW 35/2 GR	1227850000	C.15

Type	Order No.	Page
ZEW 35/2 SW	1162610000	B.160
ZEW 35/2 SW	1162610000	B.161
ZEW 35/2 SW	1162610000	B.163
ZEW 35/2 SW	1162610000	C.15
ZGB 30	1611930000	A.267
ZGB 30	1611930000	A.396
ZIA 1.5/3L-1S	1651980000	B.128
ZIA 1.5/3L-1S/LD-RT	1651990000	B.128
ZIA 1.5/3L-PE	1652000000	B.128
ZIA 1.5/4L-1S	1652010000	B.129
ZIA 1.5/4L-1S/LD	1652020000	B.129
ZIA 1.5/4L-PE	1652030000	B.129
ZMAK 2.5	1768000000	A.209
ZMAK 2.5	1768000000	B.97
ZMAK 2.5 690V	1027550000	A.209
ZMAK 2.5 690V	1027550000	B.97
ZP 2.5/1AN	1875150000	A.270
ZP 2.5/1AN GN	1875180000	A.270
ZP 2.5/1AN ZA	1875190000	A.270
ZP 2.5/1AN ZA BL	1009070000	A.270
ZP 2.5/1AN ZA GN	1875200000	A.270
ZP 2.5/1AN ZA O.RA	1875210000	A.270
ZP 2.5/1AN ZA O.RA BL	1972980000	A.270
ZP 2.5/1AN ZA O.RA GN	1875220000	A.270
ZP 2.5/1AN/1	1815430000	A.255
ZP 2.5/1AN/1	1815430000	A.266
ZP 2.5/1AN/1 BL	1009060000	A.270
ZP 2.5/1AN/1 GN	1820580000	A.266
ZP 2.5/1AN/10	1815560000	A.255
ZP 2.5/1AN/10	1815560000	A.266
ZP 2.5/1AN/10 GN/BE	1867170000	A.266
ZP 2.5/1AN/11	1815570000	A.266
ZP 2.5/1AN/11 GN/BE	1867180000	A.266
ZP 2.5/1AN/12	1815580000	A.266
ZP 2.5/1AN/12 GN/BE	1867190000	A.266
ZP 2.5/1AN/13	1815590000	A.266
ZP 2.5/1AN/13 GN/BE	1867200000	A.266
ZP 2.5/1AN/14	1815600000	A.266
ZP 2.5/1AN/14 GN/BE	1867210000	A.266
ZP 2.5/1AN/15	1815610000	A.266
ZP 2.5/1AN/15 GN/BE	1867220000	A.266
ZP 2.5/1AN/16	1815620000	A.266
ZP 2.5/1AN/17	1815180000	A.266
ZP 2.5/1AN/17 GN/BE	1867240000	A.266
ZP 2.5/1AN/2	1815440000	A.255
ZP 2.5/1AN/2	1815440000	A.266
ZP 2.5/1AN/2 GN/BE	1867090000	A.266
ZP 2.5/1AN/3	1815450000	A.255
ZP 2.5/1AN/3	1815450000	A.266
ZP 2.5/1AN/3 GN/BE	1867100000	A.266
ZP 2.5/1AN/4	1815500000	A.255
ZP 2.5/1AN/4	1815500000	A.266
ZP 2.5/1AN/4 GN/BE	1867110000	A.266
ZP 2.5/1AN/5	1815510000	A.255
ZP 2.5/1AN/5	1815510000	A.266
ZP 2.5/1AN/5 GN/BE	1867120000	A.266
ZP 2.5/1AN/6	1815520000	A.255
ZP 2.5/1AN/6	1815520000	A.266
ZP 2.5/1AN/6 GN/BE	1867130000	A.266
ZP 2.5/1AN/7	1815530000	A.255
ZP 2.5/1AN/7	1815530000	A.266
ZP 2.5/1AN/7 GN/BE	1867140000	A.266
ZP 2.5/1AN/8	1815540000	A.255
ZP 2.5/1AN/8	1815540000	A.266
ZP 2.5/1AN/8 GN/BE	1867150000	A.266
ZP 2.5/1AN/9	1815550000	A.255
ZP 2.5/1AN/9	1815550000	A.266
ZP 2.5/1AN/9 GN/BE	1867160000	A.266
ZP 2.5/1AN/QV	1007900000	A.270
ZP 2.5/1AN/QV GN	1007920000	A.270
ZP 2.5/1AN/QV ZA	1007930000	A.270
ZP 2.5/1AN/QV ZA GN	1007950000	A.270
ZP 2.5/1AN/QV ZA O.RA	1007960000	A.270
ZP 2.5/1AN/QV ZAO.RA BL	1007970000	A.270
ZP 2.5/1AN/QV ZAO.RA GN	1007980000	A.270
ZP 2.5/1AN/QV/1	1815190000	A.254
ZP 2.5/1AN/QV/1	1815190000	A.255
ZP 2.5/1AN/QV/1	1815190000	A.260
ZP 2.5/1AN/QV/1	1815190000	A.261
ZP 2.5/1AN/QV/1	1815190000	A.267
ZP 2.5/1AN/QV/1 GN	1820570000	A.267
ZP 2.5/1AN/QV/10	1815280000	A.254
ZP 2.5/1AN/QV/10	1815280000	A.255
ZP 2.5/1AN/QV/10	1815280000	A.260
ZP 2.5/1AN/QV/10	1815280000	A.261
ZP 2.5/1AN/QV/10	1815280000	A.267
ZP 2.5/1AN/QV/11	1815290000	A.267
ZP 2.5/1AN/QV/12	1815300000	A.267
ZP 2.5/1AN/QV/13	1815310000	A.267
ZP 2.5/1AN/QV/14	1815320000	A.267
ZP 2.5/1AN/QV/15	1815330000	A.267
ZP 2.5/1AN/QV/16	1815340000	A.267
ZP 2.5/1AN/QV/17	1815350000	A.267
ZP 2.5/1AN/QV/2	1815200000	A.254
ZP 2.5/1AN/QV/2	1815200000	A.255
ZP 2.5/1AN/QV/2	1815200000	A.260
ZP 2.5/1AN/QV/2	1815200000	A.261
ZP 2.5/1AN/QV/2	1815200000	A.267
ZP 2.5/1AN/QV/3	1815210000	A.254
ZP 2.5/1AN/QV/3	1815210000	A.255
ZP 2.5/1AN/QV/3	1815210000	A.260
ZP 2.5/1AN/QV/3	1815210000	A.261
ZP 2.5/1AN/QV/3	1815210000	A.267
ZP 2.5/1AN/QV/4	1815220000	A.254
ZP 2.5/1AN/QV/4	1815220000	A.255
ZP 2.5/1AN/QV/4	1815220000	A.260
ZP 2.5/1AN/QV/4	1815220000	A.261
ZP 2.5/1AN/QV/4	1815220000	A.267
ZP 2.5/1AN/QV/5	1815230000	A.254
ZP 2.5/1AN/QV/5	1815230000	A.255
ZP 2.5/1AN/QV/5	1815230000	A.260
ZP 2.5/1AN/QV/5	1815230000	A.261
ZP 2.5/1AN/QV/5	1815230000	A.267
ZP 2.5/1AN/QV/6	1815240000	A.254
ZP 2.5/1AN/QV/6	1815240000	A.255
ZP 2.5/1AN/QV/6	1815240000	A.260
ZP 2.5/1AN/QV/6	1815240000	A.261
ZP 2.5/1AN/QV/6	1815240000	A.267
ZP 2.5/1AN/QV/7	1815250000	A.254
ZP 2.5/1AN/QV/7	1815250000	A.255
ZP 2.5/1AN/QV/7	1815250000	A.260
ZP 2.5/1AN/QV/7	1815250000	A.261
ZP 2.5/1AN/QV/7	1815250000	A.267
ZP 2.5/1AN/QV/8	1815260000	A.254
ZP 2.5/1AN/QV/8	1815260000	A.255
ZP 2.5/1AN/QV/8	1815260000	A.260
ZP 2.5/1AN/QV/8	1815260000	A.261
ZP 2.5/1AN/QV/8	1815260000	A.267
ZP 2.5/1AN/QV/9	1815270000	A.254
ZP 2.5/1AN/QV/9	1815270000	A.255
ZP 2.5/1AN/QV/9	1815270000	A.260
ZP 2.5/1AN/QV/9	1815270000	A.261
ZP 2.5/1AN/QV/9	1815270000	A.267
ZP 2.5/2AN/QV	1007810000	A.270
ZP 2.5/2AN/QV GN	1007830000	A.270
ZP 2.5/2AN/QV ZA O.RA	1007870000	A.270
ZP 2.5/2AN/QV/1	1815730000	A.267
ZP 2.5/2AN/QV/1 GN	1820590000	A.267
ZP 2.5/2AN/QV/10	1815820000	A.267
ZP 2.5/2AN/QV/11	1815830000	A.267
ZP 2.5/2AN/QV/12	1815840000	A.267
ZP 2.5/2AN/QV/15	1815870000	A.267
ZP 2.5/2AN/QV/16	1815880000	A.267
ZP 2.5/2AN/QV/2	1815740000	A.267
ZP 2.5/2AN/QV/3	1815750000	A.267
ZP 2.5/2AN/QV/4	1815760000	A.267
ZP 2.5/2AN/QV/5	1815770000	A.267
ZP 2.5/2AN/QV/6	1815780000	A.267
ZP 2.5/2AN/QV/7	1815790000	A.267
ZP 2.5/2AN/QV/8	1815800000	A.267
ZP 2.5/2AN/QV/9	1815810000	A.267
ZP 4/1AN	1051970000	A.270
ZP 4/1AN GN	1051980000	A.270
ZP 4/1AN ZA	1051940000	A.270
ZP 4/1AN ZA BL	1356790000	A.270
ZP 4/1AN ZA GN	1051950000	A.270
ZP 4/1AN ZA O.RA	1051910000	A.270
ZP 4/1AN ZA O.RA BL	2449680000	A.270
ZP 4/1AN ZA O.RA GN	1051920000	A.270
ZP 4/1AN/1	1848340000	A.256
ZP 4/1AN/1	1848340000	A.268
ZP 4/1AN/1 GN	1854980000	A.268
ZP 4/1AN/10	1855070000	A.256
ZP 4/1AN/10	1855070000	A.268
ZP 4/1AN/12	1855090000	A.268
ZP 4/1AN/14	1855110000	A.268
ZP 4/1AN/2	1854990000	A.256
ZP 4/1AN/2	1854990000	A.268
ZP 4/1AN/3	1855000000	A.256
ZP 4/1AN/3	1855000000	A.268
ZP 4/1AN/4	1855010000	A.256
ZP 4/1AN/4	1855010000	A.268
ZP 4/1AN/5	1855020000	A.256
ZP 4/1AN/5	1855020000	A.268
ZP 4/1AN/6	1855030000	A.256
ZP 4/1AN/6	1855030000	A.268
ZP 4/1AN/7	1855040000	A.256
ZP 4/1AN/7	1855040000	A.268
ZP 4/1AN/8	1855050000	A.256
ZP 4/1AN/8	1855050000	A.268
ZP 4/1AN/9	1855060000	A.256
ZP 4/1AN/9	1855060000	A.268
ZPE 1.5	1775510000	A.219
ZPE 1.5/3AN	1775560000	A.219
ZPE 1.5/4AN	1775620000	A.220
ZPE 10	1746770000	A.224
ZPE 10/3AN	1767670000	A.224
ZPE 16	1745250000	A.225
ZPE 16-2/1AN	1772960000	A.229
ZPE 16/3AN	1768310000	A.225
ZPE 2.5	1608640000	A.220
ZPE 2.5-2	1772090000	A.226
ZPE 2.5-2/3AN	1706090000	A.226
ZPE 2.5-2/4AN	1706100000	A.227
ZPE 2.5/3AN	1608650000	A.221
ZPE 2.5/4AN	1608660000	A.221
ZPE 2.5/4AN WS	1698110000	B.273
ZPE 2.5/4AN WS	1698110000	B.276
ZPE 2.5N	1933760000	A.230
ZPE 2.5N/3AN	1933770000	A.230
ZPE 2.5N/4AN	1933780000	A.231
ZPE 35	1739650000	A.225
ZPE 4	1632080000	A.221
ZPE 4-2/2AN	1770380000	A.227
ZPE 4-2/3AN	1770390000	A.227
ZPE 4-2/4AN	1807090000	A.228
ZPE 4/3AN	7904170000	A.222
ZPE 4/4AN	7904280000	A.222
ZPE 6	1608670000	A.223
ZPE 6-2/2AN	1771370000	A.228
ZPE 6-2/3AN	1771360000	A.229
ZPE 6/3AN	7907400000	A.223
ZPEA 2.5-2	1720950000	A.218
ZPEA 2.5-2N	1808210000	A.218
ZPEB 2.5-2	1712810000	A.219
ZPS 2.5/1AN/QV/1	1865880000	A.267
ZPS 2.5/1AN/QV/1	1861040000	A.271
ZPS 2.5/1AN/QV/1 GN	1861050000	A.271
ZPS 2.5/1AN/QV/10	1865980000	A.267
ZPS 2.5/1AN/QV/12	1866000000	A.267
ZPS 2.5/1AN/QV/14	1866020000	A.267
ZPS 2.5/1AN/QV/15	1866030000	A.267
ZPS 2.5/1AN/QV/16	1866040000	A.267
ZPS 2.5/1AN/QV/2	1865900000	A.267
ZPS 2.5/1AN/QV/3	1865910000	A.267
ZPS 2.5/1AN/QV/4	1865920000	A.267
ZPS 2.5/1AN/QV/5	1865930000	A.267
ZPS 2.5/1AN/QV/6	1865940000	A.267
ZPS 2.5/1AN/QV/7	1865950000	A.267
ZPS 2.5/1AN/QV/8	1865960000	A.267
ZPS 2.5/1AN/QV/9	1865970000	A.267
ZPV 1.5	1676630000	B.128
ZQB 2.5-2	1677120000	A.180
ZQB 2.5-2	1677120000	A.181
ZQB 2.5-2	1677120000	A.182
ZQB 2.5-2	1677120000	A.197
ZQB 2.5-2	1677120000	A.288
ZQS 2.5/2	1633200000	A.238
ZQS 2.5/2	1633200000	A.239
ZQS 2.5/2	1633200000	A.288
ZQS 2.5/3	1633210000	A.288
ZQS 2.5/4	1633220000	A.238
ZQS 2.5/4	1633220000	A.239
ZQS 2.5/4	1633220000	A.288
ZQS 2.5/5	1633230000	A.288
ZQV 1.5/10	1776200000	A.186
ZQV 1.5/10	1776200000	A.187
ZQV 1.5/10	1776200000	A.202
ZQV 1.5/10	1776200000	A.203
ZQV 1.5/10	1776200000	A.288
ZQV 1.5/2	1776120000	A.186
ZQV 1.5/2	1776120000	A.187
ZQV 1.5/2	1776120000	A.202
ZQV 1.5/2	1776120000	A.203
ZQV 1.5/2	1776120000	A.288
ZQV 1.5/3	1776130000	A.288
ZQV 1.5/4	1776140000	A.288
ZQV 1.5/5	1776150000	A.288
ZQV 1.5N/10	1985580000	A.6
ZQV 1.5N/10	1985580000	A.7
ZQV 1.5N/10	1985580000	A.58
ZQV 1.5N/10	1985580000	A.59
ZQV 1.5N/10	1985580000	A.64
ZQV 1.5N/10	1985580000	A.67
ZQV 1.5N/10	1985580000	A.76
ZQV 1.5N/10	1985580000	A.77
ZQV 1.5N/10	1985580000	A.86
ZQV 1.5N/10	1985580000	A.87
ZQV 1.5N/10	1985580000	A.112
ZQV 1.5N/10	1985580000	A.113
ZQV 1.5N/10	1985580000	A.122
ZQV 1.5N/10	1985580000	A.123
ZQV 1.5N/10	1985580000	A.124
ZQV 1.5N/10	1985580000	A.125
ZQV 1.5N/10	1985580000	A.126
ZQV 1.5N/10	1985580000	A.168
ZQV 1.5N/10	1985580000	A.320
ZQV 1.5N/10	1985580000	B.54
ZQV 1.5N/10	1985580000	B.207
ZQV 1.5N/10	1985580000	B.285
ZQV 1.5N/10 BL	1985680000	A.168
ZQV 1.5N/10 BL	1985680000	B.104
ZQV 1.5N/10 BL	1985680000	B.105
ZQV 1.5N/10 BL	1985680000	B.106
ZQV 1.5N/10 BL	1985680000	B.107
ZQV 1.5N/10 BL	1985680000	B.124
ZQV 1.5N/10 BL	1985680000	B.125
ZQV 1.5N/10 RD	1985800000	A.168
ZQV 1.5N/10 RD	1985800000	B.104
ZQV 1.5N/10 RD	1985800000	B.105
ZQV 1.5N/10 RD	1985800000	B.106
ZQV 1.5N/10 RD	1985800000	B.107
ZQV 1.5N/10 RD	1985800000	B.108
ZQV 1.5N/10 RD	1985800000	B.109
ZQV 1.5N/10 RD	1985800000	B.124
ZQV 1.5N/10 RD	1985800000	B.125
ZQV 1.5N/2	1985410000	A.6
ZQV 1.5N/2	1985410000	A.7
ZQV 1.5N/2	1985410000	A.58
ZQV 1.5N/2	1985410000	A.59
ZQV 1.5N/2	1985410000	A.64
ZQV 1.5N/2	1985410000	A.67
ZQV 1.5N/2	1985410000	A.76
ZQV 1.5N/2	1985410000	A.77
ZQV 1.5N/2	1985410000	A.86
ZQV 1.5N/2	1985410000	A.87
ZQV 1.5N/2	1985410000	A.112
ZQV 1.5N/2	1985410000	A.113
ZQV 1.5N/2	1985410000	A.122
ZQV 1.5N/2	1985410000	A.123
ZQV 1.5N/2	1985410000	A.124
ZQV 1.5N/2	1985410000	A.125
ZQV 1.5N/2	1985410000	A.126
ZQV 1.5N/2	1985410000	A.168
ZQV 1.5N/2	1985410000	A.320
ZQV 1.5N/2	1985410000	B.54
ZQV 1.5N/2	1985410000	B.207
ZQV 1.5N/2	1985410000	B.285
ZQV 1.5N/2 BL	1985530000	A.168
ZQV 1.5N/2 BL	1985530000	B.104
ZQV 1.5N/2 BL	1985530000	B.105
ZQV 1.5N/2 BL	1985530000	B.106
ZQV 1.5N/2 BL	1985530000	B.107
ZQV 1.5N/2 BL	1985530000	B.124
ZQV 1.5N/2 BL	1985530000	B.125
ZQV 1.5N/2 RD	1985650000	A.168
ZQV 1.5N/2 RD	1985650000	B.104
ZQV 1.5N/2 RD	1985650000	B.105
ZQV 1.5N/2 RD	1985650000	B.106
ZQV 1.5N/2 RD	1985650000	B.107
ZQV 1.5N/2 RD	1985650000	B.108
ZQV 1.5N/2 RD	1985650000	B.109
ZQV 1.5N/2 RD	1985650000	B.124
ZQV 1.5N/2 RD	1985650000	B.125
ZQV 1.5N/20	1985600000	A.168
ZQV 1.5N/20 BL	1985700000	A.168
ZQV 1.5N/20 RD	1985810000	A.168
ZQV 1.5N/3	1985480000	A.168
ZQV 1.5N/3 BL	1985550000	A.168
ZQV 1.5N/3 RD	1985670000	A.168
ZQV 1.5N/4	1985490000	A.168
ZQV 1.5N/4 BL	1985570000	A.168
ZQV 1.5N/4 RD	1985690000	A.168
ZQV 1.5N/5	1985500000	A.168
ZQV 1.5N/5 BL	1985590000	A.168
ZQV 1.5N/5 RD	1985710000	A.168
ZQV 1.5N/50	1985620000	A.168
ZQV 1.5N/50 BL	1985720000	A.168
ZQV 1.5N/50 RD	1985820000	A.168
ZQV 1.5N/6	1985510000	A.168
ZQV 1.5N/6 BL	1985610000	A.168
ZQV 1.5N/6 RD	1985730000	A.168
ZQV 1.5N/7	1985520000	A.168
ZQV 1.5N/7 BL	1985630000	A.168
ZQV 1.5N/7 RD	1985750000	A.168
ZQV 1.5N/8	1985540000	A.168
ZQV 1.5N/8 BL	1985640000	A.168
ZQV 1.5N/8 RD	1985770000	A.168
ZQV 1.5N/9	1985560000	A.168
ZQV 1.5N/9 BL	1985660000	A.168
ZQV 1.5N/9 RD	1985790000	A.168
ZQV 1.5N/R3.5/10 GE	1754290000	A.298
ZQV 1.5N/R3.5/2 GE	1754210000	A.298
ZQV 10/2	1739680000	A.192
ZQV 10/2	1739680000	A.289
ZQV 10N/2	2497250000	A.16
ZQV 10N/2	2497250000	A.65
ZQV 10N/2	2497250000	A.169
ZQV 10N/2	2497250000	B.179
ZQV 10N/2	2497250000	B.183
ZQV 150/185N/2	2728840000	A.74
ZQV 150/185N/2	2728840000	A.75
ZQV 150/185N/2	2728840000	A.170
ZQV 150/185N/2	2728840000	B.20
ZQV 150/185N/2	2728840000	B.21
ZQV 150/185N/2	2728840000	B.24
ZQV 150/185N/2	2728840000	B.285
ZQV 150/185N/3	2728850000	A.74
ZQV 150/185N/3	2728850000	A.75
ZQV 150/185N/3	2728850000	A.170
ZQV 150/185N/3	2728850000	B.20
ZQV 150/185N/3	2728850000	B.21
ZQV 150/185N/3	2728850000	B.24
ZQV 150/185N/3	2728850000	B.285
ZQV 16/2	1739690000	A.193
ZQV 16/2	1739690000	A.289
ZQV 16N/2	2497290000	A.17
ZQV 16N/2	2497290000	A.66
ZQV 16N/2	2497290000	A.169
ZQV 2.5/10	1608940000	A.188
ZQV 2.5/10	1608940000	A.189
ZQV 2.5/10	1608940000	A.196
ZQV 2.5/10	1608940000	A.200
ZQV 2.5/10	1608940000	A.201
ZQV 2.5/10	1608940000	A.204
ZQV 2.5/10	1608940000	A.205

Type	Order No.	Page
ZQV 2.5/10	1608940000	A.206
ZQV 2.5/10	1608940000	A.207
ZQV 2.5/10	1608940000	A.208
ZQV 2.5/10	1608940000	A.210
ZQV 2.5/10	1608940000	A.211
ZQV 2.5/10	1608940000	A.212
ZQV 2.5/10	1608940000	A.216
ZQV 2.5/10	1608940000	A.217
ZQV 2.5/10	1608940000	A.250
ZQV 2.5/10	1608940000	A.251
ZQV 2.5/10	1608940000	A.264
ZQV 2.5/10	1608940000	A.265
ZQV 2.5/10	1608940000	A.276
ZQV 2.5/10	1608940000	A.277
ZQV 2.5/10	1608940000	A.278
ZQV 2.5/10	1608940000	A.279
ZQV 2.5/10	1608940000	A.280
ZQV 2.5/10	1608940000	A.281
ZQV 2.5/10	1608940000	A.282
ZQV 2.5/10	1608940000	A.288
ZQV 2.5/10	1608940000	B.128
ZQV 2.5/10	1608940000	B.129
ZQV 2.5/2	1608860000	A.188
ZQV 2.5/2	1608860000	A.189
ZQV 2.5/2	1608860000	A.193
ZQV 2.5/2	1608860000	A.196
ZQV 2.5/2	1608860000	A.199
ZQV 2.5/2	1608860000	A.200
ZQV 2.5/2	1608860000	A.201
ZQV 2.5/2	1608860000	A.204
ZQV 2.5/2	1608860000	A.205
ZQV 2.5/2	1608860000	A.206
ZQV 2.5/2	1608860000	A.207
ZQV 2.5/2	1608860000	A.208
ZQV 2.5/2	1608860000	A.210
ZQV 2.5/2	1608860000	A.211
ZQV 2.5/2	1608860000	A.212
ZQV 2.5/2	1608860000	A.216
ZQV 2.5/2	1608860000	A.217
ZQV 2.5/2	1608860000	A.250
ZQV 2.5/2	1608860000	A.251
ZQV 2.5/2	1608860000	A.264
ZQV 2.5/2	1608860000	A.265
ZQV 2.5/2	1608860000	A.276
ZQV 2.5/2	1608860000	A.277
ZQV 2.5/2	1608860000	A.278
ZQV 2.5/2	1608860000	A.279
ZQV 2.5/2	1608860000	A.280
ZQV 2.5/2	1608860000	A.281
ZQV 2.5/2	1608860000	A.282
ZQV 2.5/2	1608860000	A.288
ZQV 2.5/2	1608860000	B.128
ZQV 2.5/2	1608860000	B.129
ZQV 2.5/20	1908960000	A.288
ZQV 2.5/3	1608870000	A.288
ZQV 2.5/3	1608870000	B.128
ZQV 2.5/3	1608870000	B.129
ZQV 2.5/4	1608880000	A.288
ZQV 2.5/4	1608880000	B.128
ZQV 2.5/4	1608880000	B.129
ZQV 2.5/5	1608890000	A.288
ZQV 2.5/50	1697540000	B.128
ZQV 2.5/50	1697540000	B.129
ZQV 2.5/6	1608900000	A.288
ZQV 2.5/7	1608910000	A.288
ZQV 2.5/8	1608920000	A.288
ZQV 2.5/9	1608930000	A.288
ZQV 2.5N/10	1527690000	A.8
ZQV 2.5N/10	1527690000	A.9
ZQV 2.5N/10	1527690000	A.18
ZQV 2.5N/10	1527690000	A.19
ZQV 2.5N/10	1527690000	A.20
ZQV 2.5N/10	1527690000	A.21
ZQV 2.5N/10	1527690000	A.22
ZQV 2.5N/10	1527690000	A.23
ZQV 2.5N/10	1527690000	A.24
ZQV 2.5N/10	1527690000	A.25
ZQV 2.5N/10	1527690000	A.41
ZQV 2.5N/10	1527690000	A.42
ZQV 2.5N/10	1527690000	A.43
ZQV 2.5N/10	1527690000	A.45
ZQV 2.5N/10	1527690000	A.46
ZQV 2.5N/10	1527690000	A.47
ZQV 2.5N/10	1527690000	A.48
ZQV 2.5N/10	1527690000	A.49
ZQV 2.5N/10	1527690000	A.50
ZQV 2.5N/10	1527690000	A.59
ZQV 2.5N/10	1527690000	A.60
ZQV 2.5N/10	1527690000	A.64
ZQV 2.5N/10	1527690000	A.67
ZQV 2.5N/10	1527690000	A.68
ZQV 2.5N/10	1527690000	A.69
ZQV 2.5N/10	1527690000	A.78
ZQV 2.5N/10	1527690000	A.79
ZQV 2.5N/10	1527690000	A.80
ZQV 2.5N/10	1527690000	A.81
ZQV 2.5N/10	1527690000	A.83
ZQV 2.5N/10	1527690000	A.84
ZQV 2.5N/10	1527690000	A.85

Type	Order No.	Page
ZQV 2.5N/10	1527690000	A.88
ZQV 2.5N/10	1527690000	A.89
ZQV 2.5N/10	1527690000	A.90
ZQV 2.5N/10	1527690000	A.106
ZQV 2.5N/10	1527690000	A.113
ZQV 2.5N/10	1527690000	A.114
ZQV 2.5N/10	1527690000	A.115
ZQV 2.5N/10	1527690000	A.116
ZQV 2.5N/10	1527690000	A.117
ZQV 2.5N/10	1527690000	A.118
ZQV 2.5N/10	1527690000	A.120
ZQV 2.5N/10	1527690000	A.127
ZQV 2.5N/10	1527690000	A.128
ZQV 2.5N/10	1527690000	A.129
ZQV 2.5N/10	1527690000	A.130
ZQV 2.5N/10	1527690000	A.131
ZQV 2.5N/10	1527690000	A.146
ZQV 2.5N/10	1527690000	A.147
ZQV 2.5N/10	1527690000	A.148
ZQV 2.5N/10	1527690000	A.149
ZQV 2.5N/10	1527690000	A.150
ZQV 2.5N/10	1527690000	A.160
ZQV 2.5N/10	1527690000	A.168
ZQV 2.5N/10	1527690000	A.183
ZQV 2.5N/10	1527690000	A.252
ZQV 2.5N/10	1527690000	A.254
ZQV 2.5N/10	1527690000	A.255
ZQV 2.5N/10	1527690000	A.260
ZQV 2.5N/10	1527690000	A.261
ZQV 2.5N/10	1527690000	A.263
ZQV 2.5N/10	1527690000	A.267
ZQV 2.5N/10	1527690000	A.299
ZQV 2.5N/10	1527690000	A.300
ZQV 2.5N/10	1527690000	A.301
ZQV 2.5N/10	1527690000	A.321
ZQV 2.5N/10	1527690000	A.322
ZQV 2.5N/10	1527690000	A.323
ZQV 2.5N/10	1527690000	A.358
ZQV 2.5N/10	1527690000	A.368
ZQV 2.5N/10	1527690000	A.369
ZQV 2.5N/10	1527690000	A.388
ZQV 2.5N/10	1527690000	A.389
ZQV 2.5N/10	1527690000	A.396
ZQV 2.5N/10	1527690000	A.412
ZQV 2.5N/10	1527690000	B.54
ZQV 2.5N/10	1527690000	B.96
ZQV 2.5N/10	1527690000	B.164
ZQV 2.5N/10	1527690000	B.165
ZQV 2.5N/10	1527690000	B.166
ZQV 2.5N/10	1527690000	B.167
ZQV 2.5N/10	1527690000	B.168
ZQV 2.5N/10	1527690000	B.169
ZQV 2.5N/10	1527690000	B.178
ZQV 2.5N/10	1527690000	B.184
ZQV 2.5N/10	1527690000	B.185
ZQV 2.5N/10	1527690000	B.186
ZQV 2.5N/10	1527690000	B.187
ZQV 2.5N/10	1527690000	B.190
ZQV 2.5N/10	1527690000	B.191
ZQV 2.5N/10	1527690000	B.192
ZQV 2.5N/10	1527690000	B.193
ZQV 2.5N/10	1527690000	B.278
ZQV 2.5N/10	1527690000	B.279
ZQV 2.5N/10	1527690000	B.280
ZQV 2.5N/10	1527690000	B.285
ZQV 2.5N/10	1527690000	B.286
ZQV 2.5N/10 BK	2831750000	A.171
ZQV 2.5N/10 BK	2831750000	A.413
ZQV 2.5N/10 BL	1527880000	A.168
ZQV 2.5N/10 BL	1527880000	A.412
ZQV 2.5N/10 BL	1527880000	B.110
ZQV 2.5N/10 BL	1527880000	B.111
ZQV 2.5N/10 BL	1527880000	B.112
ZQV 2.5N/10 BL	1527880000	B.113
ZQV 2.5N/10 BL	1527880000	B.182
ZQV 2.5N/10 RD	2108910000	A.168
ZQV 2.5N/10 RD	2108910000	A.412
ZQV 2.5N/10 RD	2108910000	B.110
ZQV 2.5N/10 RD	2108910000	B.111
ZQV 2.5N/10 RD	2108910000	B.112
ZQV 2.5N/10 RD	2108910000	B.113
ZQV 2.5N/10 RD	2108910000	B.114
ZQV 2.5N/10 RD	2108910000	B.115
ZQV 2.5N/10 WT	2831640000	A.171
ZQV 2.5N/10 WT	2831640000	A.413
ZQV 2.5N/2	1527540000	A.8
ZQV 2.5N/2	1527540000	A.9
ZQV 2.5N/2	1527540000	A.18
ZQV 2.5N/2	1527540000	A.19
ZQV 2.5N/2	1527540000	A.20
ZQV 2.5N/2	1527540000	A.21
ZQV 2.5N/2	1527540000	A.22
ZQV 2.5N/2	1527540000	A.23
ZQV 2.5N/2	1527540000	A.24
ZQV 2.5N/2	1527540000	A.25
ZQV 2.5N/2	1527540000	A.41
ZQV 2.5N/2	1527540000	A.42
ZQV 2.5N/2	1527540000	A.43
ZQV 2.5N/2	1527540000	A.45

Type	Order No.	Page
ZQV 2.5N/2	1527540000	A.46
ZQV 2.5N/2	1527540000	A.47
ZQV 2.5N/2	1527540000	A.48
ZQV 2.5N/2	1527540000	A.49
ZQV 2.5N/2	1527540000	A.50
ZQV 2.5N/2	1527540000	A.59
ZQV 2.5N/2	1527540000	A.60
ZQV 2.5N/2	1527540000	A.64
ZQV 2.5N/2	1527540000	A.67
ZQV 2.5N/2	1527540000	A.68
ZQV 2.5N/2	1527540000	A.69
ZQV 2.5N/2	1527540000	A.78
ZQV 2.5N/2	1527540000	A.79
ZQV 2.5N/2	1527540000	A.80
ZQV 2.5N/2	1527540000	A.81
ZQV 2.5N/2	1527540000	A.83
ZQV 2.5N/2	1527540000	A.84
ZQV 2.5N/2	1527540000	A.85
ZQV 2.5N/2	1527540000	A.88
ZQV 2.5N/2	1527540000	A.89
ZQV 2.5N/2	1527540000	A.90
ZQV 2.5N/2	1527540000	A.106
ZQV 2.5N/2	1527540000	A.113
ZQV 2.5N/2	1527540000	A.114
ZQV 2.5N/2	1527540000	A.115
ZQV 2.5N/2	1527540000	A.116
ZQV 2.5N/2	1527540000	A.117
ZQV 2.5N/2	1527540000	A.118
ZQV 2.5N/2	1527540000	A.120
ZQV 2.5N/2	1527540000	A.127
ZQV 2.5N/2	1527540000	A.128
ZQV 2.5N/2	1527540000	A.129
ZQV 2.5N/2	1527540000	A.130
ZQV 2.5N/2	1527540000	A.131
ZQV 2.5N/2	1527540000	A.146
ZQV 2.5N/2	1527540000	A.147
ZQV 2.5N/2	1527540000	A.148
ZQV 2.5N/2	1527540000	A.149
ZQV 2.5N/2	1527540000	A.150
ZQV 2.5N/2	1527540000	A.160
ZQV 2.5N/2	1527540000	A.168
ZQV 2.5N/2	1527540000	A.183
ZQV 2.5N/2	1527540000	A.252
ZQV 2.5N/2	1527540000	A.254
ZQV 2.5N/2	1527540000	A.255
ZQV 2.5N/2	1527540000	A.260
ZQV 2.5N/2	1527540000	A.261
ZQV 2.5N/2	1527540000	A.263
ZQV 2.5N/2	1527540000	A.267
ZQV 2.5N/2	1527540000	A.299
ZQV 2.5N/2	1527540000	A.300
ZQV 2.5N/2	1527540000	A.301
ZQV 2.5N/2	1527540000	A.321
ZQV 2.5N/2	1527540000	A.322
ZQV 2.5N/2	1527540000	A.323
ZQV 2.5N/2	1527540000	A.358
ZQV 2.5N/2	1527540000	A.368
ZQV 2.5N/2	1527540000	A.369
ZQV 2.5N/2	1527540000	A.388
ZQV 2.5N/2	1527540000	A.389
ZQV 2.5N/2	1527540000	A.396
ZQV 2.5N/2	1527540000	A.412
ZQV 2.5N/2	1527540000	B.54
ZQV 2.5N/2	1527540000	B.96
ZQV 2.5N/2	1527540000	B.164
ZQV 2.5N/2	1527540000	B.165
ZQV 2.5N/2	1527540000	B.166
ZQV 2.5N/2	1527540000	B.167
ZQV 2.5N/2	1527540000	B.168
ZQV 2.5N/2	1527540000	B.169
ZQV 2.5N/2	1527540000	B.178
ZQV 2.5N/2	1527540000	B.184
ZQV 2.5N/2	1527540000	B.185
ZQV 2.5N/2	1527540000	B.186
ZQV 2.5N/2	1527540000	B.187
ZQV 2.5N/2	1527540000	B.190
ZQV 2.5N/2	1527540000	B.191
ZQV 2.5N/2	1527540000	B.192
ZQV 2.5N/2	1527540000	B.193
ZQV 2.5N/2	1527540000	B.278
ZQV 2.5N/2	1527540000	B.279
ZQV 2.5N/2	1527540000	B.280
ZQV 2.5N/2	1527540000	B.285
ZQV 2.5N/2	1527540000	B.286
ZQV 2.5N/2 BK	2831670000	A.171
ZQV 2.5N/2 BK	2831670000	A.413
ZQV 2.5N/2 BL	1527740000	A.168
ZQV 2.5N/2 BL	1527740000	A.412
ZQV 2.5N/2 BL	1527740000	B.110
ZQV 2.5N/2 BL	1527740000	B.111
ZQV 2.5N/2 BL	1527740000	B.112
ZQV 2.5N/2 BL	1527740000	B.113
ZQV 2.5N/2 BL	1527740000	B.182
ZQV 2.5N/2 RD	2108470000	A.168
ZQV 2.5N/2 RD	2108470000	A.412
ZQV 2.5N/2 RD	2108470000	B.110
ZQV 2.5N/2 RD	2108470000	B.111
ZQV 2.5N/2 RD	2108470000	B.112
ZQV 2.5N/2 RD	2108470000	B.113

Type	Order No.	Page
ZQV 2.5N/2 RD	2108470000	B.114
ZQV 2.5N/2 RD	2108470000	B.115
ZQV 2.5N/2 WT	2831560000	A.171
ZQV 2.5N/2 WT	2831560000	A.413
ZQV 2.5N/20	1527720000	A.168
ZQV 2.5N/20	1527720000	A.412
ZQV 2.5N/20 BK	2831760000	A.171
ZQV 2.5N/20 BK	2831760000	A.413
ZQV 2.5N/20 BL	1527890000	A.168
ZQV 2.5N/20 BL	1527890000	A.412
ZQV 2.5N/20 RD	2108920000	A.168
ZQV 2.5N/20 RD	2108920000	A.412
ZQV 2.5N/20 WT	2831650000	A.171
ZQV 2.5N/20 WT	2831650000	A.413
ZQV 2.5N/3	1527570000	A.168
ZQV 2.5N/3	1527570000	A.412
ZQV 2.5N/3	1527570000	B.178
ZQV 2.5N/3	1527570000	B.184
ZQV 2.5N/3	1527570000	B.185
ZQV 2.5N/3	1527570000	B.186
ZQV 2.5N/3	1527570000	B.187
ZQV 2.5N/3	1527570000	B.190
ZQV 2.5N/3	1527570000	B.191
ZQV 2.5N/3	1527570000	B.192
ZQV 2.5N/3	1527570000	B.193
ZQV 2.5N/3 BK	2831680000	A.171
ZQV 2.5N/3 BK	2831680000	A.413
ZQV 2.5N/3 BL	1527770000	A.168
ZQV 2.5N/3 BL	1527770000	A.412
ZQV 2.5N/3 BL	1527770000	B.182
ZQV 2.5N/3 RD	2108690000	A.168
ZQV 2.5N/3 RD	2108690000	A.412
ZQV 2.5N/3 WT	2831570000	A.171
ZQV 2.5N/3 WT	2831570000	A.413
ZQV 2.5N/4	1527590000	A.168
ZQV 2.5N/4	1527590000	A.412
ZQV 2.5N/4	1527590000	B.178
ZQV 2.5N/4	1527590000	B.184
ZQV 2.5N/4	1527590000	B.185
ZQV 2.5N/4	1527590000	B.186
ZQV 2.5N/4	1527590000	B.187
ZQV 2.5N/4	1527590000	B.190
ZQV 2.5N/4	1527590000	B.191
ZQV 2.5N/4	1527590000	B.192
ZQV 2.5N/4	1527590000	B.193
ZQV 2.5N/4 BK	2831690000	A.171
ZQV 2.5N/4 BK	2831690000	A.413
ZQV 2.5N/4 BL	1527780000	A.168
ZQV 2.5N/4 BL	1527780000	A.412
ZQV 2.5N/4 BL	1527780000	B.182
ZQV 2.5N/4 RD	2108700000	A.168
ZQV 2.5N/4 RD	2108700000	A.412
ZQV 2.5N/4 WT	2831580000	A.171
ZQV 2.5N/4 WT	2831580000	A.413
ZQV 2.5N/5	1527620000	A.168
ZQV 2.5N/5	1527620000	A.412
ZQV 2.5N/5 BK	2831700000	A.171
ZQV 2.5N/5 BK	2831700000	A.413
ZQV 2.5N/5 BL	1527790000	A.168
ZQV 2.5N/5 BL	1527790000	A.412
ZQV 2.5N/5 RD	2108710000	A.168
ZQV 2.5N/5 RD	2108710000	A.412
ZQV 2.5N/5 WT	2831590000	A.171
ZQV 2.5N/5 WT	2831590000	A.413
ZQV 2.5N/50	1527730000	A.168
ZQV 2.5N/50	1527730000	A.412
ZQV 2.5N/50 BK	2831770000	A.171
ZQV 2.5N/50 BK	2831770000	A.413
ZQV 2.5N/50 BL	1527920000	A.168
ZQV 2.5N/50 BL	1527920000	A.412
ZQV 2.5N/50 RD	2109000000	A.168
ZQV 2.5N/50 RD	2109000000	A.412
ZQV 2.5N/50 WT	2831660000	A.171
ZQV 2.5N/50 WT	2831660000	A.413
ZQV 2.5N/6	1527630000	A.168
ZQV 2.5N/6	1527630000	A.412
ZQV 2.5N/6 BK	2831710000	A.171
ZQV 2.5N/6 BK	2831710000	A.413
ZQV 2.5N/6 BL	1527820000	A.168
ZQV 2.5N/6 BL	1527820000	A.412
ZQV 2.5N/6 RD	2108720000	A.168
ZQV 2.5N/6 RD	2108720000	A.412
ZQV 2.5N/6 WT	2831600000	A.171
ZQV 2.5N/6 WT	2831600000	A.413
ZQV 2.5N/7	1527640000	A.168
ZQV 2.5N/7	1527640000	A.412
ZQV 2.5N/7 BK	2831720000	A.171
ZQV 2.5N/7 BK	2831720000	A.413
ZQV 2.5N/7 BL	1527830000	A.168
ZQV 2.5N/7 BL	1527830000	A.412
ZQV 2.5N/7 RD	2108810000	A.168
ZQV 2.5N/7 RD	2108810000	A.412
ZQV 2.5N/7 WT	2831610000	A.171
ZQV 2.5N/7 WT	2831610000	A.413
ZQV 2.5N/8	1527670000	A.168
ZQV 2.5N/8	1527670000	A.412
ZQV 2.5N/8 BK	2831730000	A.171
ZQV 2.5N/8 BK	2831730000	A.413
ZQV 2.5N/8 BL	1527840000	A.168

Type	Order No.	Page
ZQV 2.5N/8 BL	1527840000	A.412
ZQV 2.5N/8 RD	2108870000	A.168
ZQV 2.5N/8 RD	2108870000	A.412
ZQV 2.5N/8 WT	2831620000	A.171
ZQV 2.5N/8 WT	2831620000	A.413
ZQV 2.5N/9	1527680000	A.168
ZQV 2.5N/9	1527680000	A.412
ZQV 2.5N/9 BK	2831740000	A.171
ZQV 2.5N/9 BK	2831740000	A.413
ZQV 2.5N/9 BL	1527870000	A.168
ZQV 2.5N/9 BL	1527870000	A.412
ZQV 2.5N/9 RD	2108900000	A.168
ZQV 2.5N/9 RD	2108900000	A.412
ZQV 2.5N/9 WT	2831630000	A.171
ZQV 2.5N/9 WT	2831630000	A.413
ZQV 35-10	7920100000	A.288
ZQV 35/2	1739700000	A.194
ZQV 35/2	1739700000	A.289
ZQV 35N-10	2562670000	A.72
ZQV 35N-10	2562670000	A.169
ZQV 35N-10	2562670000	B.8
ZQV 35N-10	2562670000	B.9
ZQV 35N-10	2562670000	B.10
ZQV 35N-10	2562670000	B.11
ZQV 35N-10	2562670000	B.12
ZQV 35N-10	2562670000	B.282
ZQV 35N-16	2562660000	A.72
ZQV 35N-16	2562660000	A.169
ZQV 35N-16	2562660000	B.8
ZQV 35N-16	2562660000	B.9
ZQV 35N-16	2562660000	B.10
ZQV 35N-16	2562660000	B.11
ZQV 35N-16	2562660000	B.12
ZQV 35N-16	2562660000	B.282
ZQV 35N/2	2634950000	A.72
ZQV 35N/2	2634950000	A.169
ZQV 35N/2	2634950000	B.8
ZQV 35N/2	2634950000	B.9
ZQV 35N/2	2634950000	B.10
ZQV 35N/2	2634950000	B.11
ZQV 35N/2	2634950000	B.12
ZQV 35N/2	2634950000	B.282
ZQV 4/10 GE	1609030000	A.190
ZQV 4/10 GE	1609030000	A.191
ZQV 4/10 GE	1609030000	A.197
ZQV 4/10 GE	1609030000	A.198
ZQV 4/10 GE	1609030000	A.213
ZQV 4/10 GE	1609030000	A.214
ZQV 4/10 GE	1609030000	A.281
ZQV 4/10 GE	1609030000	A.288
ZQV 4/2 GE	1608950000	A.190
ZQV 4/2 GE	1608950000	A.191
ZQV 4/2 GE	1608950000	A.197
ZQV 4/2 GE	1608950000	A.198
ZQV 4/2 GE	1608950000	A.213
ZQV 4/2 GE	1608950000	A.214
ZQV 4/2 GE	1608950000	A.240
ZQV 4/2 GE	1608950000	A.242
ZQV 4/2 GE	1608950000	A.244
ZQV 4/2 GE	1608950000	A.245
ZQV 4/2 GE	1608950000	A.256
ZQV 4/2 GE	1608950000	A.281
ZQV 4/2 GE	1608950000	A.288
ZQV 4/20 GE	1909010000	A.288
ZQV 4/3 GE	1608960000	A.288
ZQV 4/4 GE	1608970000	A.288
ZQV 4/5 GE	1608980000	A.288
ZQV 4/6 GE	1608990000	A.288
ZQV 4/7 GE	1609000000	A.288
ZQV 4/8 GE	1609010000	A.288
ZQV 4/9 GE	1609020000	A.288
ZQV 4N/10	1528090000	A.10
ZQV 4N/10	1528090000	A.11
ZQV 4N/10	1528090000	A.40
ZQV 4N/10	1528090000	A.44
ZQV 4N/10	1528090000	A.60
ZQV 4N/10	1528090000	A.61
ZQV 4N/10	1528090000	A.67
ZQV 4N/10	1528090000	A.70
ZQV 4N/10	1528090000	A.71
ZQV 4N/10	1528090000	A.82
ZQV 4N/10	1528090000	A.83
ZQV 4N/10	1528090000	A.107
ZQV 4N/10	1528090000	A.108
ZQV 4N/10	1528090000	A.109
ZQV 4N/10	1528090000	A.110
ZQV 4N/10	1528090000	A.111
ZQV 4N/10	1528090000	A.116
ZQV 4N/10	1528090000	A.118
ZQV 4N/10	1528090000	A.119
ZQV 4N/10	1528090000	A.121
ZQV 4N/10	1528090000	A.132
ZQV 4N/10	1528090000	A.133
ZQV 4N/10	1528090000	A.134
ZQV 4N/10	1528090000	A.135
ZQV 4N/10	1528090000	A.136
ZQV 4N/10	1528090000	A.168
ZQV 4N/10	1528090000	A.303
ZQV 4N/10	1528090000	A.304

Type	Order No.	Page
ZQV 4N/10	1528090000	A.305
ZQV 4N/10	1528090000	A.324
ZQV 4N/10	1528090000	A.325
ZQV 4N/10	1528090000	A.342
ZQV 4N/10	1528090000	A.343
ZQV 4N/10	1528090000	A.344
ZQV 4N/10	1528090000	A.345
ZQV 4N/10	1528090000	A.346
ZQV 4N/10	1528090000	A.359
ZQV 4N/10	1528090000	A.360
ZQV 4N/10	1528090000	A.361
ZQV 4N/10	1528090000	A.362
ZQV 4N/10	1528090000	A.370
ZQV 4N/10	1528090000	A.371
ZQV 4N/10	1528090000	A.372
ZQV 4N/10	1528090000	A.373
ZQV 4N/10	1528090000	A.374
ZQV 4N/10	1528090000	A.375
ZQV 4N/10	1528090000	A.376
ZQV 4N/10	1528090000	A.377
ZQV 4N/10	1528090000	A.384
ZQV 4N/10	1528090000	A.385
ZQV 4N/10	1528090000	A.386
ZQV 4N/10	1528090000	A.387
ZQV 4N/10	1528090000	A.390
ZQV 4N/10	1528090000	A.412
ZQV 4N/10	1528090000	B.54
ZQV 4N/10	1528090000	B.143
ZQV 4N/10	1528090000	B.144
ZQV 4N/10	1528090000	B.145
ZQV 4N/10	1528090000	B.146
ZQV 4N/10	1528090000	B.147
ZQV 4N/10	1528090000	B.148
ZQV 4N/10	1528090000	B.149
ZQV 4N/10	1528090000	B.150
ZQV 4N/10	1528090000	B.151
ZQV 4N/10	1528090000	B.152
ZQV 4N/10	1528090000	B.153
ZQV 4N/10	1528090000	B.154
ZQV 4N/10	1528090000	B.155
ZQV 4N/10	1528090000	B.156
ZQV 4N/10	1528090000	B.157
ZQV 4N/10	1528090000	B.158
ZQV 4N/10	1528090000	B.159
ZQV 4N/10	1528090000	B.188
ZQV 4N/10	1528090000	B.189
ZQV 4N/10	1528090000	B.279
ZQV 4N/10	1528090000	B.280
ZQV 4N/10	1528090000	B.285
ZQV 4N/10	1528090000	B.286
ZQV 4N/10 BK	2810830000	A.171
ZQV 4N/10 BK	2810830000	A.413
ZQV 4N/10 BL	1528230000	A.168
ZQV 4N/10 BL	1528230000	A.412
ZQV 4N/10 BL	1528230000	B.116
ZQV 4N/10 BL	1528230000	B.117
ZQV 4N/10 BL	1528230000	B.118
ZQV 4N/10 BL	1528230000	B.120
ZQV 4N/10 BL	1528230000	B.121
ZQV 4N/10 RD	2460740000	A.168
ZQV 4N/10 RD	2460740000	A.412
ZQV 4N/10 RD	2460740000	B.116
ZQV 4N/10 RD	2460740000	B.117
ZQV 4N/10 RD	2460740000	B.118
ZQV 4N/10 RD	2460740000	B.120
ZQV 4N/10 RD	2460740000	B.121
ZQV 4N/10 WT	2831790000	A.171
ZQV 4N/10 WT	2831790000	A.413
ZQV 4N/2	1527930000	A.10
ZQV 4N/2	1527930000	A.11
ZQV 4N/2	1527930000	A.40
ZQV 4N/2	1527930000	A.44
ZQV 4N/2	1527930000	A.60
ZQV 4N/2	1527930000	A.61
ZQV 4N/2	1527930000	A.67
ZQV 4N/2	1527930000	A.70
ZQV 4N/2	1527930000	A.71
ZQV 4N/2	1527930000	A.82
ZQV 4N/2	1527930000	A.83
ZQV 4N/2	1527930000	A.107
ZQV 4N/2	1527930000	A.108
ZQV 4N/2	1527930000	A.109
ZQV 4N/2	1527930000	A.110
ZQV 4N/2	1527930000	A.111
ZQV 4N/2	1527930000	A.116
ZQV 4N/2	1527930000	A.118
ZQV 4N/2	1527930000	A.119
ZQV 4N/2	1527930000	A.121
ZQV 4N/2	1527930000	A.132
ZQV 4N/2	1527930000	A.133
ZQV 4N/2	1527930000	A.134
ZQV 4N/2	1527930000	A.135
ZQV 4N/2	1527930000	A.136
ZQV 4N/2	1527930000	A.168
ZQV 4N/2	1527930000	A.303
ZQV 4N/2	1527930000	A.304
ZQV 4N/2	1527930000	A.305
ZQV 4N/2	1527930000	A.324
ZQV 4N/2	1527930000	A.325

Type	Order No.	Page
ZQV 4N/2	1527930000	A.342
ZQV 4N/2	1527930000	A.343
ZQV 4N/2	1527930000	A.344
ZQV 4N/2	1527930000	A.345
ZQV 4N/2	1527930000	A.346
ZQV 4N/2	1527930000	A.359
ZQV 4N/2	1527930000	A.360
ZQV 4N/2	1527930000	A.361
ZQV 4N/2	1527930000	A.362
ZQV 4N/2	1527930000	A.370
ZQV 4N/2	1527930000	A.371
ZQV 4N/2	1527930000	A.372
ZQV 4N/2	1527930000	A.373
ZQV 4N/2	1527930000	A.374
ZQV 4N/2	1527930000	A.375
ZQV 4N/2	1527930000	A.376
ZQV 4N/2	1527930000	A.377
ZQV 4N/2	1527930000	A.384
ZQV 4N/2	1527930000	A.385
ZQV 4N/2	1527930000	A.386
ZQV 4N/2	1527930000	A.387
ZQV 4N/2	1527930000	A.390
ZQV 4N/2	1527930000	A.412
ZQV 4N/2	1527930000	B.54
ZQV 4N/2	1527930000	B.143
ZQV 4N/2	1527930000	B.144
ZQV 4N/2	1527930000	B.145
ZQV 4N/2	1527930000	B.146
ZQV 4N/2	1527930000	B.147
ZQV 4N/2	1527930000	B.148
ZQV 4N/2	1527930000	B.149
ZQV 4N/2	1527930000	B.150
ZQV 4N/2	1527930000	B.151
ZQV 4N/2	1527930000	B.152
ZQV 4N/2	1527930000	B.153
ZQV 4N/2	1527930000	B.154
ZQV 4N/2	1527930000	B.155
ZQV 4N/2	1527930000	B.156
ZQV 4N/2	1527930000	B.157
ZQV 4N/2	1527930000	B.158
ZQV 4N/2	1527930000	B.159
ZQV 4N/2	1527930000	B.188
ZQV 4N/2	1527930000	B.189
ZQV 4N/2	1527930000	B.279
ZQV 4N/2	1527930000	B.280
ZQV 4N/2	1527930000	B.285
ZQV 4N/2	1527930000	B.286
ZQV 4N/2 BK	2810840000	A.171
ZQV 4N/2 BK	2810840000	A.413
ZQV 4N/2 BL	1528040000	A.168
ZQV 4N/2 BL	1528040000	A.412
ZQV 4N/2 BL	1528040000	B.116
ZQV 4N/2 BL	1528040000	B.117
ZQV 4N/2 BL	1528040000	B.118
ZQV 4N/2 BL	1528040000	B.120
ZQV 4N/2 BL	1528040000	B.121
ZQV 4N/2 RD	2460450000	A.168
ZQV 4N/2 RD	2460450000	A.412
ZQV 4N/2 RD	2460450000	B.116
ZQV 4N/2 RD	2460450000	B.117
ZQV 4N/2 RD	2460450000	B.118
ZQV 4N/2 RD	2460450000	B.120
ZQV 4N/2 RD	2460450000	B.121
ZQV 4N/2 WT	2831800000	A.171
ZQV 4N/2 WT	2831800000	A.413
ZQV 4N/20	2883800000	A.168
ZQV 4N/20	2883800000	A.412
ZQV 4N/20 BK	2810870000	A.171
ZQV 4N/20 BK	2810870000	A.413
ZQV 4N/20 BL	2810850000	A.168
ZQV 4N/20 BL	2810850000	A.412
ZQV 4N/20 RD	2810860000	A.168
ZQV 4N/20 RD	2810860000	A.412
ZQV 4N/3	1527940000	A.168
ZQV 4N/3	1527940000	A.412
ZQV 4N/3	1527940000	B.188
ZQV 4N/3	1527940000	B.189
ZQV 4N/3 BK	2810880000	A.171
ZQV 4N/3 BK	2810880000	A.413
ZQV 4N/3 BL	1528080000	A.168
ZQV 4N/3 BL	1528080000	A.412
ZQV 4N/3 RD	2460810000	A.168
ZQV 4N/3 RD	2460810000	A.412
ZQV 4N/3 WT	2831810000	A.171
ZQV 4N/3 WT	2831810000	A.413
ZQV 4N/4	1527970000	A.168
ZQV 4N/4	1527970000	A.412
ZQV 4N/4	1527970000	B.188
ZQV 4N/4	1527970000	B.189
ZQV 4N/4 BK	2810890000	A.171
ZQV 4N/4 BK	2810890000	A.413
ZQV 4N/4 BL	1528120000	A.168
ZQV 4N/4 BL	1528120000	A.412
ZQV 4N/4 RD	2460800000	A.168
ZQV 4N/4 RD	2460800000	A.412
ZQV 4N/4 WT	2831820000	A.171
ZQV 4N/4 WT	2831820000	A.413
ZQV 4N/41	2883810000	A.168
ZQV 4N/41	2883810000	A.412

Type	Order No.	Page
ZQV 4N/41 BK	2831890000	A.171
ZQV 4N/41 BK	2831890000	A.413
ZQV 4N/41 BL	2883820000	A.168
ZQV 4N/41 BL	2883820000	A.412
ZQV 4N/41 RD	2883840000	A.168
ZQV 4N/41 RD	2883840000	A.412
ZQV 4N/5	1527980000	A.168
ZQV 4N/5	1527980000	A.412
ZQV 4N/5 BK	2810900000	A.171
ZQV 4N/5 BK	2810900000	A.413
ZQV 4N/5 BL	1528140000	A.168
ZQV 4N/5 BL	1528140000	A.412
ZQV 4N/5 RD	2460790000	A.168
ZQV 4N/5 RD	2460790000	A.412
ZQV 4N/5 WT	2831830000	A.171
ZQV 4N/5 WT	2831830000	A.413
ZQV 4N/50	1528130000	A.168
ZQV 4N/50	1528130000	A.412
ZQV 4N/50 BL	1528240000	A.168
ZQV 4N/50 BL	1528240000	A.412
ZQV 4N/50 RD	2460730000	A.168
ZQV 4N/50 RD	2460730000	A.412
ZQV 4N/6	1527990000	A.168
ZQV 4N/6	1527990000	A.412
ZQV 4N/6 BK	2810910000	A.171
ZQV 4N/6 BK	2810910000	A.413
ZQV 4N/6 BL	1528170000	A.168
ZQV 4N/6 BL	1528170000	A.412
ZQV 4N/6 RD	2460780000	A.168
ZQV 4N/6 RD	2460780000	A.412
ZQV 4N/6 WT	2831840000	A.171
ZQV 4N/6 WT	2831840000	A.413
ZQV 4N/7	1528020000	A.168
ZQV 4N/7	1528020000	A.412
ZQV 4N/7 BK	2810920000	A.171
ZQV 4N/7 BK	2810920000	A.413
ZQV 4N/7 BL	1528180000	A.168
ZQV 4N/7 BL	1528180000	A.412
ZQV 4N/7 RD	2460770000	A.168
ZQV 4N/7 RD	2460770000	A.412
ZQV 4N/7 WT	2831850000	A.171
ZQV 4N/7 WT	2831850000	A.413
ZQV 4N/8	1528030000	A.168
ZQV 4N/8	1528030000	A.412
ZQV 4N/8 BK	2810930000	A.171
ZQV 4N/8 BK	2810930000	A.413
ZQV 4N/8 BL	1528190000	A.168
ZQV 4N/8 BL	1528190000	A.412
ZQV 4N/8 RD	2460760000	A.168
ZQV 4N/8 RD	2460760000	A.412
ZQV 4N/8 WT	2831860000	A.171
ZQV 4N/8 WT	2831860000	A.413
ZQV 4N/9	1528070000	A.168
ZQV 4N/9	1528070000	A.412
ZQV 4N/9 BK	2831780000	A.171
ZQV 4N/9 BK	2831780000	A.413
ZQV 4N/9 BL	1528220000	A.168
ZQV 4N/9 BL	1528220000	A.412
ZQV 4N/9 RD	2460750000	A.168
ZQV 4N/9 RD	2460750000	A.412
ZQV 4N/9 WT	2831870000	A.171
ZQV 4N/9 WT	2831870000	A.413
ZQV 50/70N/2	2663400000	A.73
ZQV 50/70N/2	2663400000	A.170
ZQV 50/70N/2	2663400000	B.16
ZQV 50/70N/2	2663400000	B.17
ZQV 50/70N/2	2663400000	B.24
ZQV 50/70N/2	2663400000	B.283
ZQV 6/2 GE	1627850000	A.191
ZQV 6/2 GE	1627850000	A.199
ZQV 6/2 GE	1627850000	A.235
ZQV 6/2 GE	1627850000	A.236
ZQV 6/2 GE	1627850000	A.237
ZQV 6/2 GE	1627850000	A.246
ZQV 6/2 GE	1627850000	A.247
ZQV 6/2 GE	1627850000	A.248
ZQV 6/2 GE	1627850000	A.251
ZQV 6/2 GE	1627850000	A.289
ZQV 6/24 GE	1908990000	A.289
ZQV 6/3 GE	1627860000	A.289
ZQV 6/4 GE	1627870000	A.191
ZQV 6/4 GE	1627870000	A.193
ZQV 6/4 GE	1627870000	A.199
ZQV 6/4 GE	1627870000	A.235
ZQV 6/4 GE	1627870000	A.236
ZQV 6/4 GE	1627870000	A.237
ZQV 6/4 GE	1627870000	A.246
ZQV 6/4 GE	1627870000	A.251
ZQV 6/4 GE	1627870000	A.289
ZQV 6N/10	2733970000	A.169
ZQV 6N/10	2733970000	B.212
ZQV 6N/10	2733970000	B.213
ZQV 6N/10	2733970000	B.214
ZQV 6N/10	2733970000	B.215
ZQV 6N/10	2733970000	B.216
ZQV 6N/10	2733970000	B.217
ZQV 6N/10	2733970000	B.220
ZQV 6N/10	2733970000	B.221
ZQV 6N/10	2733970000	B.223

Type	Order No.	Page
ZQV 6N/10 BL	2786910000	A.169
ZQV 6N/2	1985740000	A.12
ZQV 6N/2	1985740000	A.13
ZQV 6N/2	1985740000	A.62
ZQV 6N/2	1985740000	A.63
ZQV 6N/2	1985740000	A.67
ZQV 6N/2	1985740000	A.169
ZQV 6N/2	1985740000	B.54
ZQV 6N/2	1985740000	B.178
ZQV 6N/2	1985740000	B.281
ZQV 6N/2	1985740000	B.285
ZQV 6N/2 BL	1985830000	A.169
ZQV 6N/2 BL	1985830000	B.182
ZQV 6N/20	2810820000	A.169
ZQV 6N/3	1985760000	A.12
ZQV 6N/3	1985760000	A.13
ZQV 6N/3	1985760000	A.62
ZQV 6N/3	1985760000	A.63
ZQV 6N/3	1985760000	A.169
ZQV 6N/3	1985760000	B.281
ZQV 6N/3 BL	1985840000	A.169
ZQV 6N/4	1985780000	A.12
ZQV 6N/4	1985780000	A.13
ZQV 6N/4	1985780000	A.62
ZQV 6N/4	1985780000	A.63
ZQV 6N/4	1985780000	A.169
ZQV 6N/4	1985780000	B.54
ZQV 6N/4	1985780000	B.223
ZQV 6N/4	1985780000	B.281
ZQV 6N/4	1985780000	B.285
ZQV 6N/4 BL	1985850000	A.169
ZQV 6N/6	2733950000	A.169
ZQV 6N/6	2733950000	B.212
ZQV 6N/6	2733950000	B.213
ZQV 6N/6	2733950000	B.214
ZQV 6N/6	2733950000	B.215
ZQV 6N/6	2733950000	B.216
ZQV 6N/6	2733950000	B.217
ZQV 6N/6	2733950000	B.220
ZQV 6N/6	2733950000	B.221
ZQV 6N/6	2733950000	B.223
ZQV 6N/6 BL	2786890000	A.169
ZQV 6N/7	2733960000	A.169
ZQV 6N/7	2733960000	B.212
ZQV 6N/7	2733960000	B.213
ZQV 6N/7	2733960000	B.214
ZQV 6N/7	2733960000	B.215
ZQV 6N/7	2733960000	B.216
ZQV 6N/7	2733960000	B.217
ZQV 6N/7	2733960000	B.220
ZQV 6N/7	2733960000	B.221
ZQV 6N/7	2733960000	B.223
ZQV 6N/7 BL	2786900000	A.169
ZQV 6SL/2	3077580000	A.14
ZQV 6SL/2	3077580000	A.15
ZQV 6SL/3	3077590000	A.14
ZQV 6SL/3	3077590000	A.15
ZQV 6SL/4	3077600000	A.14
ZQV 6SL/4	3077600000	A.15
ZQV 95/120N/2	2694250000	A.73
ZQV 95/120N/2	2694250000	A.74
ZQV 95/120N/2	2694250000	A.170
ZQV 95/120N/2	2694250000	B.18
ZQV 95/120N/2	2694250000	B.19
ZQV 95/120N/2	2694250000	B.24
ZQV 95/120N/2	2694250000	B.284
ZQV 95/120N/3	2694260000	A.73
ZQV 95/120N/3	2694260000	A.74
ZQV 95/120N/3	2694260000	A.170
ZQV 95/120N/3	2694260000	B.18
ZQV 95/120N/3	2694260000	B.19
ZQV 95/120N/3	2694260000	B.24
ZQV 95/120N/3	2694260000	B.284
ZR WP04 DB	1071100000	A.398
ZRH 1.5H/1	1678810000	A.196
ZRH 1.5H/1	1678810000	A.197
ZRH 1.5H/1	1678810000	A.200
ZRH 1.5H/1	1678810000	A.201
ZRH 1.5H/1	1678810000	A.204
ZRH 1.5H/1	1678810000	A.205
ZRH 1.5H/1	1678810000	A.206
ZRH 1.5H/1	1678810000	A.207
ZRH 1.5H/1	1678810000	A.209
ZRH 1.5H/1	1678810000	A.210
ZRH 1.5H/1	1678810000	A.211
ZRH 1.5H/1	1678810000	A.212
ZRH 1.5H/1	1678810000	A.216
ZRH 1.5H/1	1678810000	A.217
ZRH 1.5H/1	1678810000	A.226
ZRH 1.5H/2	1678800000	A.196
ZRH 1.5H/2	1678800000	A.197
ZRH 1.5H/2	1678800000	A.200
ZRH 1.5H/2	1678800000	A.201
ZRH 1.5H/2	1678800000	A.204
ZRH 1.5H/2	1678800000	A.205
ZRH 1.5H/2	1678800000	A.206
ZRH 1.5H/2	1678800000	A.207
ZRH 1.5H/2	1678800000	A.209
ZRH 1.5H/2	1678800000	A.210
ZRH 1.5H/2	1678800000	A.211
ZRH 1.5H/2	1678800000	A.212
ZRH 1.5H/2	1678800000	A.216
ZRH 1.5H/2	1678800000	A.217
ZRH 1.5H/2	1678800000	A.226
ZRH 1.5H/2	1678800000	A.227
ZRH 1.5H/2	1678800000	A.230
ZRH 1.5H/2	1678800000	A.231
ZRH 1.5H/2	1678800000	A.232
ZRH 1.5H/2	1678800000	A.233
ZRH 1.5H/2	1678800000	A.234
ZRH 1.5H/2	1678800000	A.293
ZRH 1.5H/2	1678800000	B.97
ZRH 1.5N/1	1632140000	A.293
ZRH 1.5N/1	1632140000	B.128
ZRH 1.5N/1	1632140000	B.129
ZRH 1.5N/2	1632130000	A.293
ZRH 1.5N/2	1632130000	B.128
ZRH 1.5N/2	1632130000	B.129
ZRH 1.5S/1	1781950000	A.186
ZRH 1.5S/1	1781950000	A.187
ZRH 1.5S/1	1781950000	A.202
ZRH 1.5S/1	1781950000	A.203
ZRH 1.5S/1	1781950000	A.219
ZRH 1.5S/1	1781950000	A.220
ZRH 1.5S/1	1781950000	A.232
ZRH 1.5S/1	1781950000	A.293
ZRH 2.5/1 WS	1614300000	A.188
ZRH 2.5/1 WS	1614300000	A.189
ZRH 2.5/1 WS	1614300000	A.220
ZRH 2.5/1 WS	1614300000	A.221
ZRH 2.5/1 WS	1614300000	A.274
ZRH 2.5/1 WS	1614300000	A.275
ZRH 2.5/1 WS	1614300000	A.293
ZRH 2.5/1 WS	1614300000	B.276
ZRH 2.5/2 GR/V0	1614290000	A.188
ZRH 2.5/2 GR/V0	1614290000	A.189
ZRH 2.5/2 GR/V0	1614290000	A.220
ZRH 2.5/2 GR/V0	1614290000	A.221
ZRH 2.5/2 GR/V0	1614290000	A.274
ZRH 2.5/2 GR/V0	1614290000	A.275
ZRH 2.5/2 GR/V0	1614290000	A.293
ZRH 2.5/2 GR/V0	1614290000	B.276
ZRH 2.5/3	1614280000	A.293
ZRH 4/1 WS	1636640000	A.190
ZRH 4/1 WS	1636640000	A.191
ZRH 4/1 WS	1636640000	A.221
ZRH 4/1 WS	1636640000	A.222
ZRH 4/1 WS	1636640000	A.227
ZRH 4/1 WS	1636640000	A.228
ZRH 4/1 WS	1636640000	A.293
ZRV 1.5	1698160000	A.264
ZRV 1.5/PE	1698170000	A.264
ZRV 2.5/1	1906960000	A.265
ZRV 2.5/2	1906970000	A.265
ZSI 2.5	1616400000	A.235
ZSI 2.5-2/2X2AN/G20	1826050000	A.240
ZSI 2.5-2/2X2AN/G20/LD1	1867440000	A.242
ZSI 2.5-2/2X2AN/G20/LD3	1867420000	A.242
ZSI 2.5-2/2X2AN/G20/LD4	1879730000	A.242
ZSI 2.5-2/2X2AN/G25	1826200000	A.240
ZSI 2.5/2 500AC	1616460000	A.238
ZSI 2.5/2/LD 120AC	1616490000	A.239
ZSI 2.5/2/LD 250AC	1616500000	A.239
ZSI 2.5/2/LD 28AC	1616470000	A.239
ZSI 2.5/5X25	1730900000	A.237
ZSI 2.5/LD 120AC	1616420000	A.237
ZSI 2.5/LD 250AC	1616410000	A.237
ZSI 2.5/LD 28AC	1616440000	A.237
ZSI 2.5/LD 60AC	1616430000	A.237
ZSI 2.5/QV	1799470000	A.236
ZSI 2X6/4X2.5	1265990000	A.248
ZSI 2X6/4X2.5 FC	1058520000	A.247
ZSI 6-2 2X2.5/G20	1820930000	A.244
ZSI 6-2 2X2.5/G20/LD1	1867500000	A.245
ZSI 6-2 2X2.5/G20/LD4	1879750000	A.245
ZSI 6-2 2X2.5/G25	1820950000	A.245
ZSI 6-2/FC	1814690000	A.246
ZSI 6-2/FC LD	1814700000	A.246
ZST	1678680000	A.295
ZST 1	1269070000	A.295
ZT 2.5/2AN/1	1815070000	A.254
ZT 2.5/2AN/1 BL	1295550000	A.254
ZT 2.5/3AN/1	1815090000	A.254
ZT 2.5/3AN/1 BL	1304720000	A.254
ZT 2.5/4AN/2	1815110000	A.255
ZT 2.5/4AN/4	1815130000	A.255
ZT 4/2AN/1	1854960000	A.256
ZT 4/2AN/1 BL	1312830000	A.256
ZT 4/4AN/2	1848350000	A.256
ZTA 1	1609040000	A.188
ZTA 1	1609040000	A.189
ZTA 1	1609040000	A.189
ZTA 1	1609040000	A.209
ZTA 1	1609040000	A.220
ZTA 1	1609040000	A.221
ZTA 1	1609040000	A.250
ZTA 1	1609040000	A.290
ZTA 1	1609040000	B.97
ZTA 1/ZA	1609050000	A.188
ZTA 1/ZA	1609050000	A.189
ZTA 1/ZA	1609050000	A.220
ZTA 1/ZA	1609050000	A.221
ZTA 1/ZA	1609050000	A.250
ZTA 1/ZA	1609050000	A.290
ZTA 1/ZA	1609050000	B.276
ZTA 2 ZDU4	1609060000	A.190
ZTA 2 ZDU4	1609060000	A.191
ZTA 2 ZDU4	1609060000	A.221
ZTA 2 ZDU4	1609060000	A.222
ZTA 2 ZDU4	1609060000	A.290
ZTA 2/ZA ZDU4	1609070000	A.190
ZTA 2/ZA ZDU4	1609070000	A.191
ZTA 2/ZA ZDU4	1609070000	A.221
ZTA 2/ZA ZDU4	1609070000	A.222
ZTA 2/ZA ZDU4	1609070000	A.290
ZTA 3 ZDU6	1654050000	A.187
ZTA 3 ZDU6	1654050000	A.191
ZTA 3 ZDU6	1654050000	A.223
ZTA 3 ZDU6	1654050000	A.290
ZTA 4	1688110000	A.196
ZTA 4	1688110000	A.197
ZTA 4	1688110000	A.206
ZTA 4	1688110000	A.207
ZTA 4	1688110000	A.210
ZTA 4	1688110000	A.212
ZTA 4	1688110000	A.226
ZTA 4	1688110000	A.227
ZTA 4	1688110000	A.232
ZTA 4	1688110000	A.233
ZTA 4	1688110000	A.291
ZTA 6/ZA	1780660000	A.197
ZTA 6/ZA	1780660000	A.198
ZTA 6/ZA	1780660000	A.213
ZTA 6/ZA	1780660000	A.214
ZTA 6/ZA	1780660000	A.215
ZTA 6/ZA	1780660000	A.227
ZTA 6/ZA	1780660000	A.228
ZTA 6/ZA	1780660000	A.233
ZTA 6/ZA	1780660000	A.290
ZTA 7/ZA	1780670000	A.199
ZTA 7/ZA	1780670000	A.228
ZTA 7/ZA	1780670000	A.229
ZTA 7/ZA	1780670000	A.290
ZTA 7/ZA	1780670000	B.292
ZTA ZDK 2.5	1052660000	A.204
ZTA ZDK 2.5	1052660000	A.205
ZTA ZDK 2.5/ZA	1052680000	A.204
ZTA ZDK 2.5/ZA	1052680000	A.205
ZTA ZT2.5	1827080000	A.200
ZTA ZT2.5	1827080000	A.201
ZTA ZT2.5	1827080000	A.216
ZTA ZT2.5	1827080000	A.217
ZTA ZT2.5	1827080000	A.230
ZTA ZT2.5	1827080000	A.231
ZTA ZT2.5	1827080000	A.234
ZTA ZT2.5	1827080000	A.254
ZTA ZT2.5	1827080000	A.255
ZTA ZT2.5	1827080000	A.257
ZTA ZT2.5	1827080000	A.258
ZTA ZT2.5	1827080000	A.259
ZTA ZT2.5	1827080000	A.260
ZTA ZT2.5	1827080000	A.261
ZTA ZT2.5	1827080000	A.262
ZTA ZT2.5	1827080000	A.266
ZTA ZT2.5	1827080000	A.267
ZTA ZT2.5	1827080000	A.290
ZTA ZT2.5/ZA	1847600000	A.200
ZTA ZT2.5/ZA	1847600000	A.201
ZTA ZT2.5/ZA	1847600000	A.211
ZTA ZT2.5/ZA	1847600000	A.216
ZTA ZT2.5/ZA	1847600000	A.217
ZTA ZT2.5/ZA	1847600000	A.230
ZTA ZT2.5/ZA	1847600000	A.231
ZTA ZT2.5/ZA	1847600000	A.234
ZTA ZT2.5/ZA	1847600000	A.254
ZTA ZT2.5/ZA	1847600000	A.255
ZTA ZT2.5/ZA	1847600000	A.257
ZTA ZT2.5/ZA	1847600000	A.258
ZTA ZT2.5/ZA	1847600000	A.260
ZTA ZT2.5/ZA	1847600000	A.261
ZTA ZT2.5/ZA	1847600000	A.262
ZTA ZT2.5/ZA	1847600000	A.290
ZTPE 2.5/2AN/1	1815080000	A.257
ZTPE 2.5/3AN/1	1815100000	A.257
ZTPE 2.5/4AN/2	1815120000	A.258
ZTPE 2.5/4AN/4	1815140000	A.258
ZTPE 4/2AN/1	1854970000	A.259
ZTPE 4/4AN/2	1848330000	A.259
ZTR 2.5	1831280000	A.250
ZTR 2.5 BL	8731710000	A.250
ZTR 2.5-2	1779010000	A.251
ZTR 2.5-2 BL	1779120000	A.251
ZTR 2.5/3AN	8731720000	A.250
ZTR 2.5/3AN BL	8731730000	A.250
ZTR 2.5/4AN	7920900000	A.251
ZTR 2.5/4AN BL	7920930000	A.251
ZTR 6-2	1023830000	A.251
ZTR 6-2 E / 230V UC	8817930000	B.292
ZTR 6-2 E / 24V UC	8817920000	B.292
ZTTR 2.5	1865510000	A.263
ZUB MULTIMETER	9205270000	B.108
ZUB MULTIMETER	9205270000	B.109
ZUB MULTIMETER	9205270000	B.114
ZUB MULTIMETER	9205270000	B.115
ZVL 1.5	1649300000	B.129
ZVL 1.5 BL	1650360000	B.129
ZVL 1.5 BR	1650370000	B.129
ZVL 1.5 0.0V	1711930000	B.129
ZVL 1.5/PE GN/GE BED	1651970000	B.129
ZVLA DF ZPS2.5	1878600000	A.272
ZVLA RC ZPS2.5	1866260000	A.273
ZVLA SC ZPS2.5	1866240000	A.273
ZVLD 2.5	1208920000	A.208
ZVQ 2.5/1.5	1720700000	A.18
ZVQ 2.5/1.5	1720700000	A.24
ZVQ 2.5/1.5	1720700000	A.25
ZVQ 2.5/1.5	1720700000	A.90
ZVQ 2.5/1.5	1720700000	A.206
ZVQ 2.5/1.5	1720700000	A.207
ZVQ 2.5/1.5	1720700000	A.208
ZVQ 2.5/1.5	1720700000	A.289
ZVQ 2.5/1.5	1720700000	A.389
ZVQ 2.5/1.5	1720700000	B.96
ZVR ZP2.5	1816130000	A.254
ZVR ZP2.5	1816130000	A.255
ZVR ZP2.5	1816130000	A.257
ZVR ZP2.5	1816130000	A.258
ZVR ZP2.5	1816130000	A.260
ZVR ZP2.5	1816130000	A.261
ZVR ZP2.5	1816130000	A.262
ZVR ZP2.5	1816130000	A.271
ZVR ZP4	1855250000	A.256
ZVR ZP4	1855250000	A.259
ZVR ZP4	1855250000	A.271
ZVR ZP4	1855250000	A.390
ZVR ZP4	1855250000	A.393
ZVR ZPS2.5	1878620000	A.271
ZVR ZPS2.5	1878620000	A.272
ZZE ZP2.5	1816140000	A.254
ZZE ZP2.5	1816140000	A.255
ZZE ZP2.5	1816140000	A.257
ZZE ZP2.5	1816140000	A.258
ZZE ZP2.5	1816140000	A.260
ZZE ZP2.5	1816140000	A.261
ZZE ZP2.5	1816140000	A.262
ZZE ZP2.5	1816140000	A.271
ZZE ZP2.5/4	1866220000	A.271
ZZE ZP2.5/8	1866230000	A.271
ZZE ZP4	1855260000	A.256
ZZE ZP4	1855260000	A.259
ZZE ZP4	1855260000	A.271
ZZE ZP4	1855260000	A.390

Order No.	Type	Page
0100000000		
0101700000	TST 2/M6	C.12
0103300000	BFSC M4X9T	C.4
0110000000		
0117500000	TS 15X5/LL 2M/ST/ZN	C.9
0117510000	TS 15X5/LL 1M/ST/ZN	C.9
0120000000		
0122800000	TS 32X15 2M/ST/ZN	B.223
0122800000	TS 32X15 2M/ST/ZN	C.10
0130000000		
0137400000	E 14/2A RS	A.366
0137500000	E 14/4A BR	A.366
0138000000	P 14/2 D01 RS SAKS4	A.367
0138100000	P 14/4 D01 BR SAKS4	A.367
0160000000		
0164000000	TSTW 6/M6	C.12
0164400000	SS M3 D 128-A 3	A.350
0164400000	SS M3 D 128-A 3	A.351
0164400000	SS M3 D 128-A 3	A.352
0164400000	SS M3 D 128-A 3	A.353
0164400000	SS M3 D 128-A 3	A.355
0169300000	TS 32X15 2M/AL/BK	C.10
0170000000		
0178100000	TSTW 5/M5	C.12
0180000000		
0180400000	PS 2.3 RT	A.109
0180400000	PS 2.3 RT	A.192
0180400000	PS 2.3 RT	A.193
0180400000	PS 2.3 RT	A.250
0180400000	PS 2.3 RT	A.251
0180400000	PS 2.3 RT	A.252
0180400000	PS 2.3 RT	A.263
0180400000	PS 2.3 RT	A.291
0180400000	PS 2.3 RT	A.298
0180400000	PS 2.3 RT	A.300
0180400000	PS 2.3 RT	A.302
0180400000	PS 2.3 RT	A.368
0180400000	PS 2.3 RT	A.373
0180400000	PS 2.3 RT	A.374
0180400000	PS 2.3 RT	A.375
0180400000	PS 2.3 RT	A.376
0180400000	PS 2.3 RT	A.382
0180400000	PS 2.3 RT	A.383
0180400000	PS 2.3 RT	B.234
0190000000		
0192700000	G 25/2.00A/F BL	A.237
0192700000	G 25/2.00A/F BL	A.240
0192700000	G 25/2.00A/F BL	A.245
0192700000	G 25/2.00A/F BL	A.249
0192700000	G 25/2.00A/F BL	A.366
0192800000	G 25/4.00A/F BR	A.237
0192800000	G 25/4.00A/F BR	A.240
0192800000	G 25/4.00A/F BR	A.245
0192800000	G 25/4.00A/F BR	A.249
0192800000	G 25/4.00A/F BR	A.366
0192900000	G 25/6.30A/F GN	A.249
0192900000	G 25/6.30A/F GN	A.366
0193100000	G 25/10.0A/M RT	A.249
0193100000	G 25/10.0A/M RT	A.366
0194300000	QL 2 SAK6N	A.350
0194300000	QL 2 SAK6N	A.351
0194300000	QL 2 SAK6N	A.354
0199360000	EWK 2	C.15
0200000000		
0206160000	EWK 1	B.238
0206160000	EWK 1	B.246
0206160000	EWK 1	C.15
0208500000	E 16/10A RT TNDZ	A.366
0208600000	E 16/16A GR TNDZ	A.366
0208700000	E 16/20A BL TNDZ	A.366
0208800000	E 16/25A GE TNDZ	A.366
0210000000		
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	A.298
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	A.300
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	A.302
0230000000		
0236400000	TS 35X15 2M/ST/ZN	C.11
0236500000	TS 35X15/LL 2M/ST/ZN	B.223
0236500000	TS 35X15/LL 2M/ST/ZN	B.268
0236500000	TS 35X15/LL 2M/ST/ZN	B.269
0236500000	TS 35X15/LL 2M/ST/ZN	C.11
0236510000	TS 35X15/LL 1M/ST/ZN	C.11
0240000000		
0241260000	MK 2/12	A.404
0243520000	MK 3/12	A.404
0243820000	MK 5/2 0.DE	A.406
0244060000	D 2 MK5/2 PA/NA	A.406
0244220000	MK 4/16	A.405
0260000000		
0265800000	G 25/1.00A/M RT	A.237
0265800000	G 25/1.00A/M RT	A.240
0265800000	G 25/1.00A/M RT	A.245
0265800000	G 25/1.00A/M RT	A.249
0265800000	G 25/1.00A/M RT	A.366
0266500000	ZB 35/M6X16	B.198
0266500000	ZB 35/M6X16	B.199
0266500000	ZB 35/M6X16	B.200
0266500000	ZB 35/M6X16	B.204
0266500000	ZB 35/M6X16	B.205
0267100000	BFSC M4X30	C.4
0270000000		
0270100000	TS 35X15/2.3 2M/CU/BK	B.24
0270100000	TS 35X15/2.3 2M/CU/BK	C.11
0270760000	QS 2/12/4	B.243
0270860000	QS 2/10/4	B.243
0270960000	QS 2/8/4	B.237
0270960000	QS 2/8/4	B.243
0273820000	MK 3/2	A.404
0273920000	MK 3/3	A.404
0274020000	MK 3/4	A.404
0274120000	MK 3/5	A.404
0274220000	MK 3/6	A.404
0274320000	MK 3/7	A.404
0274420000	MK 3/8	A.404
0274620000	MK 3/10	A.404
0280000000		
0280100000	DKSUE NSCH/ESCH	C.4
0280200000	NSCH 1M	C.4
0280300000	ESCH 1 M	C.4
0280600000	STB 8.5/5/2.3/M3 SAK2.5	B.234
0290000000		
0293220000	TS 32X15 2M/CRN	C.10
0293800000	PS 2.0 OR	A.291
0294360000	AKZ 4	A.302
0294380000	AKZ 4 BL	A.302
0294460000	AP AKZ4	A.302
0294460000	AP AKZ4	A.332
0294480000	AP AKZ4 BL	A.302
0295900000	FKSC M5X8 D9/SW2.5	C.12
0296700000	BFSC M5X8 SCHLITZ	C.4
0299600000	PS 4 F.STB 4	B.236
0299600000	PS 4 F.STB 4	B.247
0299860000	SH 1	C.4
0300000000		
0309700000	VH 16.1/5/3.4	B.238
0309700000	VH 16.1/5/3.4	B.239
0309700000	VH 16.1/5/3.4	B.240
0309700000	VH 16.1/5/3.4	B.243
0310000000		
0310000000	PS 2.0 MC	A.6
0310000000	PS 2.0 MC	A.7
0310000000	PS 2.0 MC	A.8
0310000000	PS 2.0 MC	A.9
0310000000	PS 2.0 MC	A.10
0310000000	PS 2.0 MC	A.11
0310000000	PS 2.0 MC	A.12
0310000000	PS 2.0 MC	A.13
0310000000	PS 2.0 MC	A.14
0310000000	PS 2.0 MC	A.15
0310000000	PS 2.0 MC	A.16
0310000000	PS 2.0 MC	A.17
0310000000	PS 2.0 MC	A.18
0310000000	PS 2.0 MC	A.19
0310000000	PS 2.0 MC	A.20
0310000000	PS 2.0 MC	A.21
0310000000	PS 2.0 MC	A.22
0310000000	PS 2.0 MC	A.23
0310000000	PS 2.0 MC	A.24
0310000000	PS 2.0 MC	A.25
0310000000	PS 2.0 MC	A.26
0310000000	PS 2.0 MC	A.27
0310000000	PS 2.0 MC	A.28
0310000000	PS 2.0 MC	A.29
0310000000	PS 2.0 MC	A.30
0310000000	PS 2.0 MC	A.31
0310000000	PS 2.0 MC	A.32
0310000000	PS 2.0 MC	A.33
0310000000	PS 2.0 MC	A.34
0310000000	PS 2.0 MC	A.35
0310000000	PS 2.0 MC	A.36
0310000000	PS 2.0 MC	A.37
0310000000	PS 2.0 MC	A.38
0310000000	PS 2.0 MC	A.39
0310000000	PS 2.0 MC	A.40
0310000000	PS 2.0 MC	A.41
0310000000	PS 2.0 MC	A.42
0310000000	PS 2.0 MC	A.43
0310000000	PS 2.0 MC	A.44
0310000000	PS 2.0 MC	A.58
0310000000	PS 2.0 MC	A.59
0310000000	PS 2.0 MC	A.60
0310000000	PS 2.0 MC	A.61
0310000000	PS 2.0 MC	A.62
0310000000	PS 2.0 MC	A.63
0310000000	PS 2.0 MC	A.64
0310000000	PS 2.0 MC	A.65
0310000000	PS 2.0 MC	A.66
0310000000	PS 2.0 MC	A.67
0310000000	PS 2.0 MC	A.68
0310000000	PS 2.0 MC	A.69
0310000000	PS 2.0 MC	A.70
0310000000	PS 2.0 MC	A.71
0310000000	PS 2.0 MC	A.72
0310000000	PS 2.0 MC	A.73
0310000000	PS 2.0 MC	A.74
0310000000	PS 2.0 MC	A.75
0310000000	PS 2.0 MC	A.76
0310000000	PS 2.0 MC	A.77
0310000000	PS 2.0 MC	A.78
0310000000	PS 2.0 MC	A.79
0310000000	PS 2.0 MC	A.80
0310000000	PS 2.0 MC	A.81
0310000000	PS 2.0 MC	A.82
0310000000	PS 2.0 MC	A.83
0310000000	PS 2.0 MC	A.84
0310000000	PS 2.0 MC	A.85
0310000000	PS 2.0 MC	A.86
0310000000	PS 2.0 MC	A.87
0310000000	PS 2.0 MC	A.88
0310000000	PS 2.0 MC	A.89
0310000000	PS 2.0 MC	A.90
0310000000	PS 2.0 MC	A.92
0310000000	PS 2.0 MC	A.93
0310000000	PS 2.0 MC	A.94
0310000000	PS 2.0 MC	A.95
0310000000	PS 2.0 MC	A.96
0310000000	PS 2.0 MC	A.97
0310000000	PS 2.0 MC	A.98
0310000000	PS 2.0 MC	A.99
0310000000	PS 2.0 MC	A.100
0310000000	PS 2.0 MC	A.101
0310000000	PS 2.0 MC	A.102
0310000000	PS 2.0 MC	A.103
0310000000	PS 2.0 MC	A.104
0310000000	PS 2.0 MC	A.105
0310000000	PS 2.0 MC	A.106
0310000000	PS 2.0 MC	A.107
0310000000	PS 2.0 MC	A.108
0310000000	PS 2.0 MC	A.109
0310000000	PS 2.0 MC	A.110
0310000000	PS 2.0 MC	A.111
0310000000	PS 2.0 MC	A.112
0310000000	PS 2.0 MC	A.113
0310000000	PS 2.0 MC	A.114
0310000000	PS 2.0 MC	A.115
0310000000	PS 2.0 MC	A.116
0310000000	PS 2.0 MC	A.117
0310000000	PS 2.0 MC	A.118
0310000000	PS 2.0 MC	A.119
0310000000	PS 2.0 MC	A.146
0310000000	PS 2.0 MC	A.147
0310000000	PS 2.0 MC	A.148
0310000000	PS 2.0 MC	A.149
0310000000	PS 2.0 MC	A.150
0310000000	PS 2.0 MC	A.160
0310000000	PS 2.0 MC	B.8
0310000000	PS 2.0 MC	B.9
0310000000	PS 2.0 MC	B.10
0310000000	PS 2.0 MC	B.11
0310000000	PS 2.0 MC	B.12
0310000000	PS 2.0 MC	B.16
0310000000	PS 2.0 MC	B.17
0310000000	PS 2.0 MC	B.18
0310000000	PS 2.0 MC	B.19
0310000000	PS 2.0 MC	B.20
0310000000	PS 2.0 MC	B.21
0310000000	PS 2.0 MC	B.24
0310000000	PS 2.0 MC	B.54
0310000000	PS 2.0 MC	B.96
0310000000	PS 2.0 MC	B.104
0310000000	PS 2.0 MC	B.105
0310000000	PS 2.0 MC	B.106
0310000000	PS 2.0 MC	B.107
0310000000	PS 2.0 MC	B.110
0310000000	PS 2.0 MC	B.111
0310000000	PS 2.0 MC	B.112
0310000000	PS 2.0 MC	B.116
0310000000	PS 2.0 MC	B.117
0310000000	PS 2.0 MC	B.118
0310000000	PS 2.0 MC	B.120
0310000000	PS 2.0 MC	B.124
0310000000	PS 2.0 MC	B.125
0310000000	PS 2.0 MC	B.178
0310000000	PS 2.0 MC	B.179
0310000000	PS 2.0 MC	B.180
0310000000	PS 2.0 MC	B.181
0310000000	PS 2.0 MC	B.182
0310000000	PS 2.0 MC	B.183
0310000000	PS 2.0 MC	B.184
0310000000	PS 2.0 MC	B.185
0310000000	PS 2.0 MC	B.186
0310000000	PS 2.0 MC	B.187
0310000000	PS 2.0 MC	B.188
0310000000	PS 2.0 MC	B.189
0310000000	PS 2.0 MC	B.207
0310000000	PS 2.0 MC	B.274
0310000000	PS 2.0 MC	B.275
0310000000	PS 2.0 MC	B.278
0310000000	PS 2.0 MC	B.279
0310000000	PS 2.0 MC	B.280
0310000000	PS 2.0 MC	B.281
0310000000	PS 2.0 MC	B.282
0310000000	PS 2.0 MC	B.283
0310000000	PS 2.0 MC	B.284
0310000000	PS 2.0 MC	B.285
0316500000	ZB 4	B.198
0316500000	ZB 4	B.199
0316500000	ZB 4	B.200
0316500000	ZB 4	B.204
0316500000	ZB 4	B.205
0316600000	ZB 16 ZKSC	B.198
0316600000	ZB 16 ZKSC	B.199
0316600000	ZB 16 ZKSC	B.200
0316600000	ZB 16 ZKSC	B.204
0316600000	ZB 16 ZKSC	B.205
0318000000	VH 19/6.3/4.3	B.244
0318560000	TW AKZ2.5	A.300
0319160000	TSCH 1	B.130
0319160000	TSCH 1	B.131
0319160000	TSCH 1	B.132
0319160000	TSCH 1	B.133
0320000000		
0328300000	E 14/6A GN	A.366
0328400000	E 14/10A RT	A.366
0328500000	E 14/16A GR	A.366
0328600000	P 14/6 D01 GN SAKS4	A.367
0328700000	P 14/10 D01 RT SAKS4	A.367
0330000000		
0330800000	TS 35X7.5 2M/AL/BK	C.10
0334700000	BS 25 O.IH SAKT1	B.243
0334900000	MB M6/M4 GR	C.12
0335200000	BS 25 IH/SW SAKT1	B.243
0335300000	BS 25 IH/GR SAKT1	B.243
0335400000	BS 25 IH/BL SAKT1	B.243
0335500000	BS 25 IH/RT SAKT1	B.243
0335600000	BS 25 IH/GN SAKT1	B.238
0335600000	BS 25 IH/GN SAKT1	B.243
0335600000	BS 25 IH/GN SAKT1	B.244
0335700000	BS 25 IH/GE SAKT1	B.238
0335700000	BS 25 IH/GE SAKT1	B.243
0335700000	BS 25 IH/GE SAKT1	B.244
0335800000	BS 25 IH/VI SAKT1	B.238
0335800000	BS 25 IH/VI SAKT1	B.243
0335800000	BS 25 IH/VI SAKT1	B.244
0336400000	Q 2 AKZ4	A.302
0336400000	Q 2 AKZ4	A.418
0336500000	Q 3 AKZ4	A.418
0336600000	Q 4 AKZ4	A.418
0338300000	QL 10 SAK6N	A.350
0338300000	QL 10 SAK6N	A.351
0338300000	QL 10 SAK6N	A.354
0340000000		
0340460000	AKZ 1.5	A.298
0340480000	AKZ 1.5 BL	A.298
0340560000	AP AKZ1.5	A.298
0340580000	AP AKZ1.5 BL	A.298
0341000000	STB 30.5 IH/SW	B.236
0341100000	STB 30.5 IH/GR	B.236
0341200000	STB 30.5 IH/BL	B.236
0341200000	STB 30.5 IH/BL	B.237
0341300000	STB 30.5 IH/RT	B.236
0341400000	STB 30.5 IH/GN	B.236
0341400000	STB 30.5 IH/GN	B.237
0341500000	STB 30.5 IH/GE	B.236
0341500000	STB 30.5 IH/GE	B.237

Order No.	Type	Page
0341600000	STB 30.5 IH/VI	B.236
0341600000	STB 30.5 IH/VI	B.237
0348260000	TW AKZ4	A.302
0348900000	SSCH 10X3X1000 CU/SN	B.178
0348900000	SSCH 10X3X1000 CU/SN	B.179
0348900000	SSCH 10X3X1000 CU/SN	B.180
0348900000	SSCH 10X3X1000 CU/SN	B.181
0348900000	SSCH 10X3X1000 CU/SN	B.182
0348900000	SSCH 10X3X1000 CU/SN	B.183
0348900000	SSCH 10X3X1000 CU/SN	B.184
0348900000	SSCH 10X3X1000 CU/SN	B.185
0348900000	SSCH 10X3X1000 CU/SN	B.186
0348900000	SSCH 10X3X1000 CU/SN	B.187
0348900000	SSCH 10X3X1000 CU/SN	B.188
0348900000	SSCH 10X3X1000 CU/SN	B.189
0348900000	SSCH 10X3X1000 CU/SN	B.194
0348900000	SSCH 10X3X1000 CU/SN	B.198
0348900000	SSCH 10X3X1000 CU/SN	B.199
0348900000	SSCH 10X3X1000 CU/SN	B.200
0348900000	SSCH 10X3X1000 CU/SN	B.204
0348900000	SSCH 10X3X1000 CU/SN	B.205
0348900000	SSCH 10X3X1000 CU/SN	B.257
0348900000	SSCH 10X3X1000 CU/SN	B.258
0348900000	SSCH 10X3X1000 CU/SN	B.264
0348900000	SSCH 10X3X1000 CU/SN	B.265
0348900000	SSCH 10X3X1000 CU/SN	C.4

0350000000

0353500000	FKSC M6X12 D9/SW3	C.12
0357400000	SSCH 15X6X1000 CU/SN	C.4

0360000000

0361300000	E 18/20A BL	A.367
0361400000	E 18/25A GE	A.367
0361500000	E 18/35A SW	A.367
0361600000	E 18/50A WS	A.367
0361700000	E 18/63A KU	A.367
0361800000	P 18/20 D02 BL SAKS5	A.367
0361900000	P 18/25 D02 GE SAKS5	A.367
0362000000	P 18/35 D02 SW SAKS5	A.367
0362100000	P 18/50 D02 SI SAKS5	A.367
0368200000	Q 2 AKZ1.5	A.298
0368200000	Q 2 AKZ1.5	A.300
0368200000	Q 2 AKZ1.5	A.418
0368300000	Q 3 AKZ1.5	A.418
0368400000	Q 4 AKZ1.5	A.418
0368500000	Q 10 AKZ1.5	A.298
0368500000	Q 10 AKZ1.5	A.300
0368500000	Q 10 AKZ1.5	A.418
0368600000	Q 10 AKZ4	A.302
0368600000	Q 10 AKZ4	A.418

0370000000

0377100000	KISC M3X20 SAK10 CU5	A.354

0380000000

0380260000	AKE 4	A.332
0382860000	EW 15	A.298
0382860000	EW 15	A.300
0382860000	EW 15	A.302
0382860000	EW 15	A.320
0382860000	EW 15	A.330
0382860000	EW 15	A.331
0382860000	EW 15	A.332
0382860000	EW 15	C.15
0383400000	TS 35X7.5 2M/ST/ZN	B.268
0383400000	TS 35X7.5 2M/ST/ZN	B.269
0383400000	TS 35X7.5 2M/ST/ZN	C.10
0383410000	TS 35X7.5 1M/ST/ZN	C.10
0383530000	EW 35 GR 7032	C.15
0383560000	EW 35	A.301
0383560000	EW 35	B.130
0383560000	EW 35	B.131
0383560000	EW 35	B.132
0383560000	EW 35	B.133
0383560000	EW 35	C.15

0400000000

0401460000	SO SH1	C.4

0430000000

0430300000	G 20/0.10A/F	A.249
0430300000	G 20/0.10A/F	A.366
0430400000	G 20/0.20A/F	A.249
0430400000	G 20/0.20A/F	A.366
0430500000	G 20/0.25A/F	A.40
0430500000	G 20/0.25A/F	A.107
0430500000	G 20/0.25A/F	A.108
0430500000	G 20/0.25A/F	A.109
0430500000	G 20/0.25A/F	A.110
0430500000	G 20/0.25A/F	A.111
0430500000	G 20/0.25A/F	A.235
0430500000	G 20/0.25A/F	A.236
0430500000	G 20/0.25A/F	A.237
0430500000	G 20/0.25A/F	A.240
0430500000	G 20/0.25A/F	A.242
0430500000	G 20/0.25A/F	A.244
0430500000	G 20/0.25A/F	A.245
0430500000	G 20/0.25A/F	A.249
0430500000	G 20/0.25A/F	A.342
0430500000	G 20/0.25A/F	A.343
0430500000	G 20/0.25A/F	A.344
0430500000	G 20/0.25A/F	A.345
0430500000	G 20/0.25A/F	A.346
0430500000	G 20/0.25A/F	A.347
0430500000	G 20/0.25A/F	A.348
0430500000	G 20/0.25A/F	A.350
0430500000	G 20/0.25A/F	A.351
0430500000	G 20/0.25A/F	A.354
0430500000	G 20/0.25A/F	A.355
0430500000	G 20/0.25A/F	A.358
0430500000	G 20/0.25A/F	A.359
0430500000	G 20/0.25A/F	A.360
0430500000	G 20/0.25A/F	A.361
0430500000	G 20/0.25A/F	A.362
0430500000	G 20/0.25A/F	A.364
0430500000	G 20/0.25A/F	A.365
0430500000	G 20/0.25A/F	A.366
0430500000	G 20/0.25A/F	B.118
0430500000	G 20/0.25A/F	B.121
0430500000	G 20/0.25A/F	B.148
0430500000	G 20/0.25A/F	B.149
0430500000	G 20/0.25A/F	B.150
0430500000	G 20/0.25A/F	B.151
0430500000	G 20/0.25A/F	B.152
0430500000	G 20/0.25A/F	B.157
0430500000	G 20/0.25A/F	B.158
0430500000	G 20/0.25A/F	B.159
0430600000	G 20/0.50A/F	A.40
0430600000	G 20/0.50A/F	A.107
0430600000	G 20/0.50A/F	A.108
0430600000	G 20/0.50A/F	A.109
0430600000	G 20/0.50A/F	A.110
0430600000	G 20/0.50A/F	A.111
0430600000	G 20/0.50A/F	A.235
0430600000	G 20/0.50A/F	A.236
0430600000	G 20/0.50A/F	A.237
0430600000	G 20/0.50A/F	A.240
0430600000	G 20/0.50A/F	A.242
0430600000	G 20/0.50A/F	A.244
0430600000	G 20/0.50A/F	A.245
0430600000	G 20/0.50A/F	A.249
0430600000	G 20/0.50A/F	A.342
0430600000	G 20/0.50A/F	A.343
0430600000	G 20/0.50A/F	A.344
0430600000	G 20/0.50A/F	A.345
0430600000	G 20/0.50A/F	A.346
0430600000	G 20/0.50A/F	A.347
0430600000	G 20/0.50A/F	A.348
0430600000	G 20/0.50A/F	A.350
0430600000	G 20/0.50A/F	A.351
0430600000	G 20/0.50A/F	A.354
0430600000	G 20/0.50A/F	A.358
0430600000	G 20/0.50A/F	A.359
0430600000	G 20/0.50A/F	A.360
0430600000	G 20/0.50A/F	A.361
0430600000	G 20/0.50A/F	A.362
0430600000	G 20/0.50A/F	A.364
0430600000	G 20/0.50A/F	A.365
0430600000	G 20/0.50A/F	A.366
0430600000	G 20/0.50A/F	B.118
0430600000	G 20/0.50A/F	B.121
0430600000	G 20/0.50A/F	B.148
0430600000	G 20/0.50A/F	B.149
0430600000	G 20/0.50A/F	B.150
0430600000	G 20/0.50A/F	B.151
0430600000	G 20/0.50A/F	B.152
0430600000	G 20/0.50A/F	B.157
0430600000	G 20/0.50A/F	B.158
0430600000	G 20/0.50A/F	B.159
0430700000	G 20/1.00A/F	A.40
0430700000	G 20/1.00A/F	A.107
0430700000	G 20/1.00A/F	A.108
0430700000	G 20/1.00A/F	A.109
0430700000	G 20/1.00A/F	A.110
0430700000	G 20/1.00A/F	A.111
0430700000	G 20/1.00A/F	A.235
0430700000	G 20/1.00A/F	A.236
0430700000	G 20/1.00A/F	A.237
0430700000	G 20/1.00A/F	A.240
0430700000	G 20/1.00A/F	A.242
0430700000	G 20/1.00A/F	A.244
0430700000	G 20/1.00A/F	A.245
0430700000	G 20/1.00A/F	A.249
0430700000	G 20/1.00A/F	A.342
0430700000	G 20/1.00A/F	A.343
0430700000	G 20/1.00A/F	A.344
0430700000	G 20/1.00A/F	A.345
0430700000	G 20/1.00A/F	A.346
0430700000	G 20/1.00A/F	A.347
0430700000	G 20/1.00A/F	A.348
0430700000	G 20/1.00A/F	A.350
0430700000	G 20/1.00A/F	A.351
0430700000	G 20/1.00A/F	A.354
0430700000	G 20/1.00A/F	A.358
0430700000	G 20/1.00A/F	A.359
0430700000	G 20/1.00A/F	A.360
0430700000	G 20/1.00A/F	A.361
0430700000	G 20/1.00A/F	A.362
0430700000	G 20/1.00A/F	A.364
0430700000	G 20/1.00A/F	A.365
0430700000	G 20/1.00A/F	A.366
0430700000	G 20/1.00A/F	B.118
0430700000	G 20/1.00A/F	B.121
0430700000	G 20/1.00A/F	B.148
0430700000	G 20/1.00A/F	B.149
0430700000	G 20/1.00A/F	B.150
0430700000	G 20/1.00A/F	B.151
0430700000	G 20/1.00A/F	B.152
0430700000	G 20/1.00A/F	B.157
0430700000	G 20/1.00A/F	B.158
0430700000	G 20/1.00A/F	B.159
0430800000	G 20/1.60A/F	A.249
0430800000	G 20/1.60A/F	A.366
0430900000	G 20/2.00A/F	A.40
0430900000	G 20/2.00A/F	A.107
0430900000	G 20/2.00A/F	A.108
0430900000	G 20/2.00A/F	A.109
0430900000	G 20/2.00A/F	A.110
0430900000	G 20/2.00A/F	A.111
0430900000	G 20/2.00A/F	A.235
0430900000	G 20/2.00A/F	A.236
0430900000	G 20/2.00A/F	A.237
0430900000	G 20/2.00A/F	A.240
0430900000	G 20/2.00A/F	A.242
0430900000	G 20/2.00A/F	A.244
0430900000	G 20/2.00A/F	A.245
0430900000	G 20/2.00A/F	A.249
0430900000	G 20/2.00A/F	A.342
0430900000	G 20/2.00A/F	A.343
0430900000	G 20/2.00A/F	A.344
0430900000	G 20/2.00A/F	A.345
0430900000	G 20/2.00A/F	A.346
0430900000	G 20/2.00A/F	A.347
0430900000	G 20/2.00A/F	A.348
0430900000	G 20/2.00A/F	A.350
0430900000	G 20/2.00A/F	A.351
0430900000	G 20/2.00A/F	A.354
0430900000	G 20/2.00A/F	A.358
0430900000	G 20/2.00A/F	A.359
0430900000	G 20/2.00A/F	A.360
0430900000	G 20/2.00A/F	A.361
0430900000	G 20/2.00A/F	A.362
0430900000	G 20/2.00A/F	A.364
0430900000	G 20/2.00A/F	A.365
0430900000	G 20/2.00A/F	A.366
0430900000	G 20/2.00A/F	B.118
0430900000	G 20/2.00A/F	B.121
0430900000	G 20/2.00A/F	B.148
0430900000	G 20/2.00A/F	B.149
0430900000	G 20/2.00A/F	B.150
0430900000	G 20/2.00A/F	B.151
0430900000	G 20/2.00A/F	B.152
0430900000	G 20/2.00A/F	B.157
0430900000	G 20/2.00A/F	B.158
0430900000	G 20/2.00A/F	B.159
0431000000	G 20/2.50A/F	A.249
0431000000	G 20/2.50A/F	A.366
0431100000	G 20/3.15A/F	A.249
0431100000	G 20/3.15A/F	A.366
0431200000	G 20/4.00A/F	A.249
0431200000	G 20/4.00A/F	A.366
0431300000	G 20/5.00A/F	A.249
0431300000	G 20/5.00A/F	A.366
0431400000	G 20/6.30A/F	A.249
0431400000	G 20/6.30A/F	A.366
0438000000	SSCH 10X3X1000 ST/ZN	C.4
0439000000	G 20/0.63A/F	A.249
0439000000	G 20/0.63A/F	A.366

0440000000

0445600000	MEW 1/32	C.15

0470000000

0470700000	QL 2 SAK16	A.352
0470700000	QL 2 SAK16	A.353
0470700000	QL 2 SAK16	A.355
0471000000	QL 10 SAK16	A.352
0471000000	QL 10 SAK16	A.353
0471000000	QL 10 SAK16	A.355

0480000000

0485200000	ADP 1/HP1 1M	C.18
0485300000	ADP 2/HP2 1M	C.18
0485400000	ADP 3/HP3 1M	C.18
0485560000	HP 1 ADP1	C.18
0485660000	HP 2 ADP2	C.18
0485760000	HP 3 ADP3	C.18
0485860000	HP 4 ADP3	C.18

0490000000

0494920000	SH 2	C.5
0495660000	MOFU 35	C.12
0498000000	TS 35X15/2.3 2M/ST/ZN	C.11

0500000000

0503500000	MB M3/M5 CRM	C.12

0510000000

0510300000	G 25/0.50A/M WS	A.237
0510300000	G 25/0.50A/M WS	A.240
0510300000	G 25/0.50A/M WS	A.245
0510300000	G 25/0.50A/M WS	A.249
0510300000	G 25/0.50A/M WS	A.366
0514200000	TS 15X5 2M/ST/ZN	C.9
0514300000	TSK 35X15 2M PVC/GR	C.11
0514400000	TS 32X15/LL 2M/ST/ZN	C.10
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.12
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.212
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.214
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.216
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.220
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.223
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.236
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.248
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.250
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.268
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.269
0514500000	TS 35X7.5/LL 2M/ST/ZN	C.10
0514510000	TS 35X7.5/LL 1M/ST/ZN	C.10
0514570000	TS 35X7.5/LL/6 2M/ST/ZN	C.10
0515300000	STR 7 F.SCHT 7	A.259
0515300000	STR 7 F.SCHT 7	A.267
0517960000	SCHT 7	A.396

0530000000

0531760000	SSP 3 SAKT1	B.238
0531760000	SSP 3 SAKT1	B.242
0531760000	SSP 3 SAKT1	B.244

0540000000

0545300000	QB 58/8/9/WI	B.236
0545300000	QB 58/8/9/WI	B.237
0545300000	QB 58/8/9/WI	B.238
0545400000	QB 58/8/15	B.236
0545400000	QB 58/8/15	B.237
0546000000	ISPF QB58 SW	B.236
0546000000	ISPF QB58 SW	B.237
0546000000	ISPF QB58 SW	B.238
0546900000	G 25/0.25A/M GE	A.249
0546900000	G 25/0.25A/M GE	A.366

0550000000

0553400000	MB M5/M3 SW	C.12
0556660000	SH 3	C.5

0560000000

0566700000	BEZ.-KARTE ADP	C.18

0570000000

0571300000	SSCH 6X6X1000 CU/SN	C.4

0620000000

0620120000	MK 6/6	A.405
0620220000	MK 6/4	A.405
0620320000	MK 6/3	A.405
0620420000	MK 6/2	A.405
0624720000	BK 2 CRN	A.406
0624920000	BK 3 CRN	A.406
0625120000	BK 4 CRN	A.406
0625220000	BK 6 CRN	A.406
0625320000	BK 12 CRN	A.406

0630000000

0635960000	KLBUE SH1	C.4
0636800000	FM 5/TS35	C.12
0636900000	FM 6/TS35	C.12

0640000000

0641720000	SH 2 S	C.5
0642600000	FKSC M6X8 D9/SW3	C.12
0646210000	MOFU 35/LO/1 SW	C.12
0646260000	MOFU 35/LO/1	C.12
0646400000	G 25/0.80A/M GR	A.249
0646400000	G 25/0.80A/M GR	A.366

X

Order No.	Type	Page
0680000000		
0687900000	FM 4/TS35	C.12
0690000000		
0697160000	AKZ 2.5	A.300
0697180000	AKZ 2.5 BL	A.300
0697360000	AP AKZ2.5	A.300
0697380000	AP AKZ2.5 BL	A.300
1000000000		
1007810000	ZP 2.5/2AN/QV	A.270
1007830000	ZP 2.5/2AN/QV GN	A.270
1007870000	ZP 2.5/2AN/QV ZA O.RA	A.270
1007900000	ZP 2.5/1AN/QV	A.270
1007920000	ZP 2.5/1AN/QV GN	A.270
1007930000	ZP 2.5/1AN/QV ZA	A.270
1007950000	ZP 2.5/1AN/QV ZA GN	A.270
1007960000	ZP 2.5/1AN/QV ZA O.RA	A.270
1007970000	ZP 2.5/1AN/QV ZAO.RA BL	A.270
1007980000	ZP 2.5/1AN/QV ZAO.RA GN	A.270
1009060000	ZP 2.5/1AN/1 BL	A.270
1009070000	ZP 2.5/1AN ZA BL	A.270
1010000000		
1010000000	WPE 2.5	A.331
1010010000	WPE 2.5 WS	B.273
1010010000	WPE 2.5 WS	B.277
1010100000	WPE 4	A.333
1010200000	WPE 6	A.334
1010300000	WPE 10	A.335
1010400000	WPE 16	A.335
1010500000	WPE 35	A.336
1010500000	WPE 35	B.32
1010600000	WNT 2.5 10X3 BE	B.198
1010680000	WNT 2.5 10X3	B.198
1010780000	WNT 4 10X3	B.198
1010880000	WNT 6 10X3	B.199
1010900000	WNT 10 10X3 BE	B.199
1010980000	WNT 10 10X3	B.199
1011000000	WSI 6	A.350
1011300000	WSI 6/LD 10-36V DC/AC	A.351
1011320000	DEK 5/6 PLUS MC NE WS	A.10
1011320000	DEK 5/6 PLUS MC NE WS	A.11
1011320000	DEK 5/6 PLUS MC NE WS	A.30
1011320000	DEK 5/6 PLUS MC NE WS	A.31
1011320000	DEK 5/6 PLUS MC NE WS	A.40
1011320000	DEK 5/6 PLUS MC NE WS	A.44
1011320000	DEK 5/6 PLUS MC NE WS	A.60
1011320000	DEK 5/6 PLUS MC NE WS	A.61
1011320000	DEK 5/6 PLUS MC NE WS	A.70
1011320000	DEK 5/6 PLUS MC NE WS	A.71
1011320000	DEK 5/6 PLUS MC NE WS	A.94
1011320000	DEK 5/6 PLUS MC NE WS	A.95
1011320000	DEK 5/6 PLUS MC NE WS	A.99
1011320000	DEK 5/6 PLUS MC NE WS	A.100
1011320000	DEK 5/6 PLUS MC NE WS	A.104
1011320000	DEK 5/6 PLUS MC NE WS	A.107
1011320000	DEK 5/6 PLUS MC NE WS	A.108
1011320000	DEK 5/6 PLUS MC NE WS	A.109
1011320000	DEK 5/6 PLUS MC NE WS	A.110
1011320000	DEK 5/6 PLUS MC NE WS	A.111
1011320000	DEK 5/6 PLUS MC NE WS	A.116
1011320000	DEK 5/6 PLUS MC NE WS	A.118
1011320000	DEK 5/6 PLUS MC NE WS	A.119
1011320000	DEK 5/6 PLUS MC NE WS	A.121
1011320000	DEK 5/6 PLUS MC NE WS	A.132
1011320000	DEK 5/6 PLUS MC NE WS	A.133
1011320000	DEK 5/6 PLUS MC NE WS	A.134
1011320000	DEK 5/6 PLUS MC NE WS	A.135
1011320000	DEK 5/6 PLUS MC NE WS	A.139
1011320000	DEK 5/6 PLUS MC NE WS	A.342
1011320000	DEK 5/6 PLUS MC NE WS	A.343
1011320000	DEK 5/6 PLUS MC NE WS	A.344
1011320000	DEK 5/6 PLUS MC NE WS	A.345
1011320000	DEK 5/6 PLUS MC NE WS	A.346
1011320000	DEK 5/6 PLUS MC NE WS	A.360
1011320000	DEK 5/6 PLUS MC NE WS	A.361
1011320000	DEK 5/6 PLUS MC NE WS	A.362
1011320000	DEK 5/6 PLUS MC NE WS	A.370
1011320000	DEK 5/6 PLUS MC NE WS	A.371
1011320000	DEK 5/6 PLUS MC NE WS	A.372
1011320000	DEK 5/6 PLUS MC NE WS	A.384
1011320000	DEK 5/6 PLUS MC NE WS	A.385
1011320000	DEK 5/6 PLUS MC NE WS	A.386
1011320000	DEK 5/6 PLUS MC NE WS	A.387
1011320000	DEK 5/6 PLUS MC NE WS	B.117
1011320000	DEK 5/6 PLUS MC NE WS	B.118
1011320000	DEK 5/6 PLUS MC NE WS	B.121
1011320000	DEK 5/6 PLUS MC NE WS	B.143
1011320000	DEK 5/6 PLUS MC NE WS	B.144
1011320000	DEK 5/6 PLUS MC NE WS	B.145
1011320000	DEK 5/6 PLUS MC NE WS	B.146
1011320000	DEK 5/6 PLUS MC NE WS	B.147
1011320000	DEK 5/6 PLUS MC NE WS	B.148
1011320000	DEK 5/6 PLUS MC NE WS	B.149
1011320000	DEK 5/6 PLUS MC NE WS	B.150
1011320000	DEK 5/6 PLUS MC NE WS	B.151
1011320000	DEK 5/6 PLUS MC NE WS	B.152
1011320000	DEK 5/6 PLUS MC NE WS	B.153
1011320000	DEK 5/6 PLUS MC NE WS	B.154
1011320000	DEK 5/6 PLUS MC NE WS	B.155
1011320000	DEK 5/6 PLUS MC NE WS	B.156
1011320000	DEK 5/6 PLUS MC NE WS	B.157
1011320000	DEK 5/6 PLUS MC NE WS	B.158
1011320000	DEK 5/6 PLUS MC NE WS	B.159
1011320000	DEK 5/6 PLUS MC NE WS	B.275
1011320000	DEK 5/6 PLUS MC NE WS	B.279
1011320000	DEK 5/6 PLUS MC NE WS	B.280
1012200000	WSI 6/LD 30-70V DC/AC	A.351
1012300000	WSI 6/LD 60-150V DC/AC	A.351
1012400000	WSI 6/LD 250AC	A.351
1012600000	WPE 35/IKSC	A.337
1012600000	WPE 35/IKSC	B.33
1014000000	WSI 6/2 GZ/DEF63	A.352
1014100000	WSI 6/2/LD 10-36V DC/AC	A.353
1014200000	WSI 6/2/LD 30-70V DC/AC	A.353
1014300000	WSI 6/2/LD 60-150VDC/AC	A.353
1014400000	WSI 6/2/LD 250AC	A.353
1015800000	WDT 1.5/1 DB/GE	A.378
1015900000	WDT 1.5/2 DB/GE	A.378
1016000000	WDT 1.5/3 DB/GE	A.379
1016200000	WPE 2.5N	A.332
1016400000	WPE 2.5/1.5/ZR	A.331
1016500000	WPE 1.5/ZZ	A.330
1018600000	WTL 6/3/STB	B.247
1018800000	WTL 6/3	B.246
1018800000	WTL 6/3	B.247
1019000000	WNT 16N 10X3	B.199
1019100000	WPE 16N	A.336
1019700000	WPE 120/150	A.339
1019700000	WPE 120/150	B.35
1020000000		
1020000000	WDU 2.5	A.300
1020080000	WDU 2.5 BL	A.300
1020100000	WDU 4	A.303
1020180000	WDU 4 BL	A.303
1020190000	WDU 4 GE/SW	B.286
1020200000	WDU 6	A.306
1020280000	WDU 6 BL	A.306
1020300000	WDU 10	A.308
1020380000	WDU 10 BL	A.308
1020400000	WDU 16	A.310
1020480000	WDU 16 BL	A.310
1020500000	WDU 35	A.312
1020500000	WDU 35	B.26
1020580000	WDU 35 BL	A.312
1020600000	WDU 35/IK	A.313
1020600000	WDU 35/IK	B.27
1020680000	WDU 35/IK BL	A.313
1021500000	WDK 2.5	A.320
1021580000	WDK 2.5 BL	A.320
1021700000	WDK 2.5 FF	A.395
1021800000	WDU 2.5 F 2X2.8	A.394
1021900000	WDU 2.5 FF 2X2.8	A.394
1022300000	WDK 2.5V	A.321
1022380000	WDK 2.5V BL	A.321
1022600000	WDK 2.5 2D 2.A	A.402
1023100000	WDK 2.5/D/3	A.401
1023200000	WDK 2.5/D	A.403
1023300000	WDK 2.5 1D A.2	A.401
1023400000	WDK 2.5 1D A.1	A.400
1023500000	WDK 2.5 2D	A.402
1023600000	WDK 2.5 LD RT 24VDC +-	A.403
1023700000	WDU 2.5N	A.301
1023780000	WDU 2.5N BL	A.301
1023830000	ZTR 6-2	A.251
1024100000	WDU 2.5/TC TYP K	B.134
1024100000	WDU 2.5/TC TYP K	B.135
1024200000	WDU 2.5/TC TYP T	B.134
1024200000	WDU 2.5/TC TYP T	B.135
1024300000	WDU 2.5/TC TYP J	B.134
1024300000	WDU 2.5/TC TYP J	B.135
1024400000	WDU 2.5/TC TYP SR	B.134
1024400000	WDU 2.5/TC TYP SR	B.135
1024500000	WDU 120/150	A.319
1024500000	WDU 120/150	B.30
1024580000	WDU 120/150 BL	A.319
1024580000	WDU 120/150 BL	B.30
1024600000	WDU 70/95	A.319
1024600000	WDU 70/95	B.29
1024680000	WDU 70/95 BL	A.319
1024680000	WDU 70/95 BL	B.29
1024700000	WDU 2.5/1.5/ZR	A.299
1024780000	WDU 2.5/1.5/ZR BL	A.299
1027000000	WDUL 4/10	A.399
1027300000	WDUL 4/100	A.399
1027400000	WDUL 4/500	A.399
1027410000	WDK 2.5/BLZ/5.08/ZA V	A.397
1027500000	WDUL 4/1K	A.399
1027550000	ZMAK 2.5 690V	A.209
1027550000	ZMAK 2.5 690V	B.97
1027600000	WDUL 4/5K	A.399
1027700000	WDUL 4/10K	A.399
1027800000	WDUL 4/50K	A.399
1027840000	WQL 4 WF10	A.436
1027840000	WQL 4 WF10	A.437
1027840000	WQL 4 WF10	A.446
1027870000	STB 30.5 IH/BR	B.236
1028000000	WDUL 4/500K	A.399
1028300000	WFF 35	A.440
1028380000	WFF 35 BL	A.440
1028400000	WFF 70	A.441
1028480000	WFF 70 BL	A.441
1028500000	WFF 120	A.441
1028580000	WFF 120 BL	A.441
1028600000	WFF 185	A.442
1028680000	WFF 185 BL	A.442
1028700000	WFF 300	A.443
1028800000	WDU 35/ZA	A.312
1028880000	WDU 35/ZA BL	A.312
1028900000	WDU 16/ZA	A.310
1028980000	WDU 16/ZA BL	A.310
1029000000	WDU 35/IK/ZA	A.313
1029300000	WFF 35/AH	A.440
1029400000	WFF 70/AH	A.441
1029500000	WFF 120/AH	A.441
1029600000	WFF 185/AH	A.442
1029700000	WFF 300/AH	A.443
1029800000	WDL 2.5/NT/L/PE	B.202
1029900000	WDL 2.5/N/L/PE	B.203
1030000000		
1030200000	WDL 2.5/L/L/PE	B.203
1030300000	WDL 2.5/L/L	B.202
1030600000	WDL 2.5/S/NT/L/PE	B.204
1030700000	WDL 2.5/S/N/L/PE	B.205
1031100000	WDL 2.5/S/L/L/PE	B.205
1031200000	WDL 2.5/S/L/L	B.204
1031400000	WDU 1.5/ZZ	A.299
1031480000	WDU 1.5/ZZ BL	A.299
1032880000	WDU 2.5/AP/TC BL TYP K	B.135
1033300000	WDU 2.5/TC TYP E	B.134
1033300000	WDU 2.5/TC TYP E	B.135
1033700000	WDU 2.5/TC TYP B	B.134
1033700000	WDU 2.5/TC TYP B	B.135
1034400000	WDK 2.5/BLZ/5.08/ZA	A.397
1036000000	WPO 4	A.398
1036100000	WDU 16N	A.311
1036180000	WDU 16N BL	A.311
1036300000	WDK 2.5PE	A.340
1036400000	WDK 2.5DU-PE	A.322
1037300000	WPE 70/95	A.339
1037300000	WPE 70/95	B.34
1039900000	WTR 2.5/ZZ	A.369
1039980000	WTR 2.5/ZZ BL	A.369
1040000000		
1040400000	WDU 35N	A.313
1040400000	WDU 35N	B.26
1040480000	WDU 35N BL	A.313
1040800000	WDU 2.5N ZQV	A.301
1040880000	WDU 2.5N ZQV BL	A.301
1041100000	WDK 2.5 ZQV	A.321
1041180000	WDK 2.5 ZQV BL	A.321
1041500000	WDU 2.5/TC TYP N	B.134
1041500000	WDU 2.5/TC TYP N	B.135
1041600000	WDK 2.5N	A.322
1041610000	WDK 2.5N V	A.323
1041620000	WDK 2.5N PE	A.340
1041650000	WDK 2.5N DU-PE	A.323
1041680000	WDK 2.5N BL	A.322
1041900000	WDK 4N	A.324
1041910000	WDK 4N V	A.325
1041920000	WDK 4N PE	A.341
1041980000	WDK 4N BL	A.324
1042400000	WDU 10/ZR	A.309
1042480000	WDU 10/ZR BL	A.309
1042500000	WPE 10/ZR	A.335
1042600000	WDU 4N	A.304
1042680000	WDU 4N BL	A.304
1042700000	WPE 4N	A.334
1045970000	WTR 35 E	B.293
1046350000	DEK 5/8 PLUS MC NE WS	A.12
1046350000	DEK 5/8 PLUS MC NE WS	A.13
1046350000	DEK 5/8 PLUS MC NE WS	A.14
1046350000	DEK 5/8 PLUS MC NE WS	A.15
1046350000	DEK 5/8 PLUS MC NE WS	A.16
1046350000	DEK 5/8 PLUS MC NE WS	A.17
1046350000	DEK 5/8 PLUS MC NE WS	A.32
1046350000	DEK 5/8 PLUS MC NE WS	A.33
1046350000	DEK 5/8 PLUS MC NE WS	A.34
1046350000	DEK 5/8 PLUS MC NE WS	A.35
1046350000	DEK 5/8 PLUS MC NE WS	A.36
1046350000	DEK 5/8 PLUS MC NE WS	A.37
1046350000	DEK 5/8 PLUS MC NE WS	A.62
1046350000	DEK 5/8 PLUS MC NE WS	A.63
1046350000	DEK 5/8 PLUS MC NE WS	A.64
1046350000	DEK 5/8 PLUS MC NE WS	A.65
1046350000	DEK 5/8 PLUS MC NE WS	A.66
1046350000	DEK 5/8 PLUS MC NE WS	A.67
1046350000	DEK 5/8 PLUS MC NE WS	A.95
1046350000	DEK 5/8 PLUS MC NE WS	A.96
1046350000	DEK 5/8 PLUS MC NE WS	A.97
1046350000	DEK 5/8 PLUS MC NE WS	A.98
1046350000	DEK 5/8 PLUS MC NE WS	A.136
1046350000	DEK 5/8 PLUS MC NE WS	B.104
1046350000	DEK 5/8 PLUS MC NE WS	B.105
1046350000	DEK 5/8 PLUS MC NE WS	B.106
1046350000	DEK 5/8 PLUS MC NE WS	B.107
1046350000	DEK 5/8 PLUS MC NE WS	B.108
1046350000	DEK 5/8 PLUS MC NE WS	B.109
1046350000	DEK 5/8 PLUS MC NE WS	B.110
1046350000	DEK 5/8 PLUS MC NE WS	B.111
1046350000	DEK 5/8 PLUS MC NE WS	B.112
1046350000	DEK 5/8 PLUS MC NE WS	B.114
1046350000	DEK 5/8 PLUS MC NE WS	B.115
1046350000	DEK 5/8 PLUS MC NE WS	B.116
1046350000	DEK 5/8 PLUS MC NE WS	B.117
1046350000	DEK 5/8 PLUS MC NE WS	B.120
1046350000	DEK 5/8 PLUS MC NE WS	B.212
1046350000	DEK 5/8 PLUS MC NE WS	B.213
1046350000	DEK 5/8 PLUS MC NE WS	B.214
1046350000	DEK 5/8 PLUS MC NE WS	B.215
1046350000	DEK 5/8 PLUS MC NE WS	B.216
1046350000	DEK 5/8 PLUS MC NE WS	B.217
1046350000	DEK 5/8 PLUS MC NE WS	B.220
1046350000	DEK 5/8 PLUS MC NE WS	B.221
1046350000	DEK 5/8 PLUS MC NE WS	B.236
1046350000	DEK 5/8 PLUS MC NE WS	B.237
1046350000	DEK 5/8 PLUS MC NE WS	B.275
1046350000	DEK 5/8 PLUS MC NE WS	B.281
1049220000	WFF 35 NFF	A.440
1049230000	WFF 70 NFF	A.441
1049240000	WFF 120 NFF	A.442
1049250000	WFF 185 NFF	A.443
1050000000		
1050000000	WAP 2.5-10	A.299
1050000000	WAP 2.5-10	A.300
1050000000	WAP 2.5-10	A.301
1050000000	WAP 2.5-10	A.303
1050000000	WAP 2.5-10	A.305
1050000000	WAP 2.5-10	A.306
1050000000	WAP 2.5-10	A.307
1050000000	WAP 2.5-10	A.308
1050000000	WAP 2.5-10	A.309
1050000000	WAP 2.5-10	A.330
1050000000	WAP 2.5-10	A.331
1050000000	WAP 2.5-10	A.350
1050000000	WAP 2.5-10	A.351
1050000000	WAP 2.5-10	A.352
1050000000	WAP 2.5-10	A.353
1050000000	WAP 2.5-10	A.354
1050000000	WAP 2.5-10	A.355
1050000000	WAP 2.5-10	A.358
1050000000	WAP 2.5-10	A.359
1050000000	WAP 2.5-10	A.368
1050000000	WAP 2.5-10	A.373
1050000000	WAP 2.5-10	A.375
1050000000	WAP 2.5-10	A.376
1050000000	WAP 2.5-10	A.377
1050000000	WAP 2.5-10	A.394
1050000000	WAP 2.5-10	A.399
1050000000	WAP 2.5-10	B.134
1050000000	WAP 2.5-10	B.198
1050000000	WAP 2.5-10	B.199
1050000000	WAP 2.5-10	B.200
1050000000	WAP 2.5-10	B.277
1050000000	WAP 2.5-10	B.286
1050010000	WAP 2.5-10 SW	A.359
1050080000	WAP 2.5-10 BL	A.299
1050080000	WAP 2.5-10 BL	A.300
1050080000	WAP 2.5-10 BL	A.301
1050080000	WAP 2.5-10 BL	A.303
1050080000	WAP 2.5-10 BL	A.306
1050080000	WAP 2.5-10 BL	A.308
1050080000	WAP 2.5-10 BL	A.309
1050080000	WAP 2.5-10 BL	A.394
1050080000	WAP 2.5-10 BL	B.198
1050080000	WAP 2.5-10 BL	B.199
1050080000	WAP 2.5-10 BL	B.200
1050080000	WAP 2.5-10 BL	B.286
1050100000	WAP 16+35 WTW 2.5-10	A.299
1050100000	WAP 16+35 WTW 2.5-10	A.300
1050100000	WAP 16+35 WTW 2.5-10	A.301
1050100000	WAP 16+35 WTW 2.5-10	A.303
1050100000	WAP 16+35 WTW 2.5-10	A.305
1050100000	WAP 16+35 WTW 2.5-10	A.306
1050100000	WAP 16+35 WTW 2.5-10	A.307
1050100000	WAP 16+35 WTW 2.5-10	A.308
1050100000	WAP 16+35 WTW 2.5-10	A.309
1050100000	WAP 16+35 WTW 2.5-10	A.310
1050100000	WAP 16+35 WTW 2.5-10	A.311
1050100000	WAP 16+35 WTW 2.5-10	A.312
1050100000	WAP 16+35 WTW 2.5-10	A.313
1050100000	WAP 16+35 WTW 2.5-10	A.350
1050100000	WAP 16+35 WTW 2.5-10	A.351

Order No.	Type	Page
1050100000	WAP 16+35 WTW 2.5-10	A.352
1050100000	WAP 16+35 WTW 2.5-10	A.353
1050100000	WAP 16+35 WTW 2.5-10	A.354
1050100000	WAP 16+35 WTW 2.5-10	A.355
1050100000	WAP 16+35 WTW 2.5-10	A.358
1050100000	WAP 16+35 WTW 2.5-10	A.359
1050100000	WAP 16+35 WTW 2.5-10	A.373
1050100000	WAP 16+35 WTW 2.5-10	A.375
1050100000	WAP 16+35 WTW 2.5-10	A.376
1050100000	WAP 16+35 WTW 2.5-10	A.377
1050100000	WAP 16+35 WTW 2.5-10	A.394
1050100000	WAP 16+35 WTW 2.5-10	A.399
1050100000	WAP 16+35 WTW 2.5-10	B.26
1050100000	WAP 16+35 WTW 2.5-10	B.27
1050100000	WAP 16+35 WTW 2.5-10	B.134
1050100000	WAP 16+35 WTW 2.5-10	B.286
1050100000	WAP 16+35 WTW 2.5-10	B.287
1050100000	WAP 16+35 WTW 2.5-10	B.288
1050180000	WAP 16+35 WTW 2.5-10 BL	A.299
1050180000	WAP 16+35 WTW 2.5-10 BL	A.300
1050180000	WAP 16+35 WTW 2.5-10 BL	A.301
1050180000	WAP 16+35 WTW 2.5-10 BL	A.303
1050180000	WAP 16+35 WTW 2.5-10 BL	A.306
1050180000	WAP 16+35 WTW 2.5-10 BL	A.308
1050180000	WAP 16+35 WTW 2.5-10 BL	A.310
1050180000	WAP 16+35 WTW 2.5-10 BL	A.311
1050180000	WAP 16+35 WTW 2.5-10 BL	A.312
1050180000	WAP 16+35 WTW 2.5-10 BL	A.313
1050180000	WAP 16+35 WTW 2.5-10 BL	A.394
1050180000	WAP 16+35 WTW 2.5-10 BL	B.26
1050180000	WAP 16+35 WTW 2.5-10 BL	B.27
1050180000	WAP 16+35 WTW 2.5-10 BL	B.286
1050180000	WAP 16+35 WTW 2.5-10 BL	B.287
1050180000	WAP 16+35 WTW 2.5-10 BL	B.288
1050280000	WHP 2.5-35N/10X3 BL	B.198
1050280000	WHP 2.5-35N/10X3 BL	B.199
1050280000	WHP 2.5-35N/10X3 BL	B.200
1051260000	WTA 5/1	A.307
1051260000	WTA 5/1	A.308
1051260000	WTA 5/1	A.309
1051260000	WTA 5/1	A.423
1051910000	ZP 4/1AN ZA O.RA	A.270
1051920000	ZP 4/1AN ZA O.RA GN	A.270
1051940000	ZP 4/1AN ZA	A.270
1051950000	ZP 4/1AN ZA GN	A.270
1051960000	WQV 4/2	A.303
1051960000	WQV 4/2	A.305
1051960000	WQV 4/2	A.416
1051960000	WQV 4/2	B.234
1051960000	WQV 4/2	B.286
1051970000	ZP 4/1AN	A.270
1051980000	ZP 4/1AN GN	A.270
1052060000	WQV 4/10	A.303
1052060000	WQV 4/10	A.305
1052060000	WQV 4/10	A.416
1052060000	WQV 4/10	B.234
1052060000	WQV 4/10	B.286
1052100000	KISC M3X5	A.350
1052100000	KISC M3X5	A.351
1052100000	KISC M3X5	A.352
1052100000	KISC M3X5	A.353
1052100000	KISC M3X5	A.355
1052260000	WQV 6/10	A.306
1052260000	WQV 6/10	A.307
1052260000	WQV 6/10	A.416
1052260000	WQV 6/10	B.239
1052260000	WQV 6/10	B.240
1052260000	WQV 6/10	B.243
1052260000	WQV 6/10	B.245
1052260000	WQV 6/10	B.247
1052360000	WQV 6/2	A.306
1052360000	WQV 6/2	A.307
1052360000	WQV 6/2	A.416
1052360000	WQV 6/2	B.239
1052360000	WQV 6/2	B.240
1052360000	WQV 6/2	B.243
1052360000	WQV 6/2	B.245
1052360000	WQV 6/2	B.247
1052460000	WQV 10/10	A.308
1052460000	WQV 10/10	A.309
1052460000	WQV 10/10	A.310
1052460000	WQV 10/10	A.325
1052460000	WQV 10/10	A.326
1052460000	WQV 10/10	A.327
1052460000	WQV 10/10	A.328
1052460000	WQV 10/10	A.329
1052460000	WQV 10/10	A.341
1052460000	WQV 10/10	A.417
1052460000	WQV 10/10	B.98
1052560000	WQV 10/2	A.308
1052560000	WQV 10/2	A.309
1052560000	WQV 10/2	A.310
1052560000	WQV 10/2	A.325
1052560000	WQV 10/2	A.326
1052560000	WQV 10/2	A.327
1052560000	WQV 10/2	A.328
1052560000	WQV 10/2	A.329
1052560000	WQV 10/2	A.341
1052560000	WQV 10/2	A.417

Order No.	Type	Page
1052560000	WQV 10/2	B.98
1052660000	ZTA ZDK 2.5	A.204
1052660000	ZTA ZDK 2.5	A.205
1052680000	ZTA ZDK 2.5/ZA	A.204
1052680000	ZTA ZDK 2.5/ZA	A.205
1053060000	WQV 35/2	A.312
1053060000	WQV 35/2	A.313
1053060000	WQV 35/2	A.417
1053060000	WQV 35/2	B.26
1053060000	WQV 35/2	B.27
1053060000	WQV 35/2	B.248
1053060000	WQV 35/2	B.249
1053060000	WQV 35/2	B.288
1053160000	WQV 35/10	A.312
1053160000	WQV 35/10	A.313
1053160000	WQV 35/10	A.417
1053160000	WQV 35/10	B.26
1053160000	WQV 35/10	B.27
1053160000	WQV 35/10	B.288
1053260000	WQV 16/2	A.310
1053260000	WQV 16/2	A.311
1053260000	WQV 16/2	A.417
1053260000	WQV 16/2	B.287
1053360000	WQV 16/10	A.310
1053360000	WQV 16/10	A.311
1053360000	WQV 16/10	A.417
1053360000	WQV 16/10	B.287
1053660000	WQV 2.5/2	A.299
1053660000	WQV 2.5/2	A.300
1053660000	WQV 2.5/2	A.301
1053660000	WQV 2.5/2	A.302
1053660000	WQV 2.5/2	A.320
1053660000	WQV 2.5/2	A.321
1053660000	WQV 2.5/2	A.322
1053660000	WQV 2.5/2	A.340
1053660000	WQV 2.5/2	A.382
1053660000	WQV 2.5/2	A.383
1053660000	WQV 2.5/2	A.394
1053660000	WQV 2.5/2	A.395
1053660000	WQV 2.5/2	A.396
1053660000	WQV 2.5/2	A.400
1053660000	WQV 2.5/2	A.401
1053660000	WQV 2.5/2	A.402
1053660000	WQV 2.5/2	A.403
1053660000	WQV 2.5/2	A.416
1053660000	WQV 2.5/2	B.286
1053760000	WQV 2.5/3	A.416
1053860000	WQV 2.5/4	A.416
1053960000	WQV 2.5/5	A.416
1054060000	WQV 2.5/6	A.416
1054160000	WQV 2.5/7	A.416
1054260000	WQV 2.5/8	A.416
1054360000	WQV 2.5/9	A.416
1054460000	WQV 2.5/10	A.299
1054460000	WQV 2.5/10	A.300
1054460000	WQV 2.5/10	A.301
1054460000	WQV 2.5/10	A.302
1054460000	WQV 2.5/10	A.320
1054460000	WQV 2.5/10	A.321
1054460000	WQV 2.5/10	A.322
1054460000	WQV 2.5/10	A.340
1054460000	WQV 2.5/10	A.382
1054460000	WQV 2.5/10	A.383
1054460000	WQV 2.5/10	A.394
1054460000	WQV 2.5/10	A.395
1054460000	WQV 2.5/10	A.396
1054460000	WQV 2.5/10	A.400
1054460000	WQV 2.5/10	A.401
1054460000	WQV 2.5/10	A.402
1054460000	WQV 2.5/10	A.403
1054460000	WQV 2.5/10	A.416
1054460000	WQV 2.5/10	B.286
1054560000	WQV 4/3	A.416
1054560000	WQV 4/3	B.234
1054660000	WQV 4/4	A.416
1054660000	WQV 4/4	B.234
1054760000	WQV 6/3	A.416
1054760000	WQV 6/3	B.239
1054760000	WQV 6/3	B.240
1054760000	WQV 6/3	B.243
1054760000	WQV 6/3	B.245
1054760000	WQV 6/3	B.247
1054860000	WQV 6/4	A.416
1054860000	WQV 6/4	B.239
1054860000	WQV 6/4	B.240
1054860000	WQV 6/4	B.243
1054860000	WQV 6/4	B.245
1054860000	WQV 6/4	B.247
1054960000	WQV 10/3	A.417
1055060000	WQV 10/4	A.417
1055160000	WQV 16/3	A.417
1055260000	WQV 16/4	A.417
1055360000	WQV 35/3	A.417
1055460000	WQV 35/4	A.417
1056400000	LS 2.8 WDU2.5-10	A.399
1057160000	WQV 4/6	A.416
1057260000	WQV 4/7	A.416
1057860000	WQV 4/5	A.416
1058520000	ZSI 2X6/4X2.5 FC	A.247

Order No.	Type	Page
1058760000	WSD 2.5/SCAN WTR2.5	A.380
1058800000	WTW EN	A.311
1058800000	WTW EN	A.313
1058800000	WTW EN	A.320
1058800000	WTW EN	A.321
1058800000	WTW EN	A.322
1058800000	WTW EN	A.323
1058800000	WTW EN	A.324
1058800000	WTW EN	A.325
1058800000	WTW EN	A.340
1058800000	WTW EN	A.395
1058800000	WTW EN	B.26
1058800000	WTW EN	B.245
1058800000	WTW EN	B.287
1058800000	WTW EN	B.288
1059000000	WEW 35/1	A.310
1059000000	WEW 35/1	A.311
1059000000	WEW 35/1	A.312
1059000000	WEW 35/1	A.313
1059000000	WEW 35/1	A.314
1059000000	WEW 35/1	A.315
1059000000	WEW 35/1	A.316
1059000000	WEW 35/1	A.319
1059000000	WEW 35/1	A.329
1059000000	WEW 35/1	A.335
1059000000	WEW 35/1	A.336
1059000000	WEW 35/1	A.337
1059000000	WEW 35/1	A.338
1059000000	WEW 35/1	A.339
1059000000	WEW 35/1	A.382
1059000000	WEW 35/1	A.383
1059000000	WEW 35/1	A.397
1059000000	WEW 35/1	A.440
1059000000	WEW 35/1	A.441
1059000000	WEW 35/1	A.442
1059000000	WEW 35/1	A.443
1059000000	WEW 35/1	B.21
1059000000	WEW 35/1	B.26
1059000000	WEW 35/1	B.27
1059000000	WEW 35/1	B.28
1059000000	WEW 35/1	B.29
1059000000	WEW 35/1	B.30
1059000000	WEW 35/1	B.32
1059000000	WEW 35/1	B.33
1059000000	WEW 35/1	B.34
1059000000	WEW 35/1	B.35
1059000000	WEW 35/1	B.99
1059000000	WEW 35/1	B.165
1059000000	WEW 35/1	B.167
1059000000	WEW 35/1	B.168
1059000000	WEW 35/1	B.169
1059000000	WEW 35/1	B.287
1059000000	WEW 35/1	B.288
1059000000	WEW 35/1	B.289
1059000000	WEW 35/1	B.290
1059000000	WEW 35/1	B.293
1059000000	WEW 35/1	C.5
1059000000	WEW 35/1	C.15
1059100000	WAP WDK2.5	A.320
1059100000	WAP WDK2.5	A.321
1059100000	WAP WDK2.5	A.322
1059100000	WAP WDK2.5	A.340
1059100000	WAP WDK2.5	A.395
1059100000	WAP WDK2.5	A.400
1059100000	WAP WDK2.5	A.401
1059100000	WAP WDK2.5	A.402
1059100000	WAP WDK2.5	A.403
1059180000	WAP WDK2.5 BL	A.320
1059180000	WAP WDK2.5 BL	A.321
1059180000	WAP WDK2.5 BL	A.322
1059180000	WAP WDK2.5 BL	A.395
1059310000	ZAP ZSI2X6/4X2.5	A.247
1059310000	ZAP ZSI2X6/4X2.5	A.248
1059660000	WQV 2.5/15	A.416

1060000000

Order No.	Type	Page
1060000000	WAP WDU2.5N/4N	A.301
1060000000	WAP WDU2.5N/4N	A.302
1060000000	WAP WDU2.5N/4N	A.304
1060000000	WAP WDU2.5N/4N	A.332
1060000000	WAP WDU2.5N/4N	A.334
1060080000	WAP WDU2.5N/4N BL	A.301
1060080000	WAP WDU2.5N/4N BL	A.302
1060080000	WAP WDU2.5N/4N BL	A.304
1060100000	WQB-PEN 35	A.336
1060100000	WQB-PEN 35	A.337
1060100000	WQB-PEN 35	A.425
1060100000	WQB-PEN 35	B.32
1060100000	WQB-PEN 35	B.33
1060200000	WQB-PEN 16	A.335
1060200000	WQB-PEN 16	A.425
1060300000	WQB-PEN 10	A.335
1060300000	WQB-PEN 10	A.425
1061200000	WEW 35/2	A.299
1061200000	WEW 35/2	A.300
1061200000	WEW 35/2	A.301
1061200000	WEW 35/2	A.302
1061200000	WEW 35/2	A.303

Order No.	Type	Page
1061200000	WEW 35/2	A.304
1061200000	WEW 35/2	A.305
1061200000	WEW 35/2	A.306
1061200000	WEW 35/2	A.307
1061200000	WEW 35/2	A.308
1061200000	WEW 35/2	A.309
1061200000	WEW 35/2	A.310
1061200000	WEW 35/2	A.311
1061200000	WEW 35/2	A.313
1061200000	WEW 35/2	A.320
1061200000	WEW 35/2	A.321
1061200000	WEW 35/2	A.322
1061200000	WEW 35/2	A.323
1061200000	WEW 35/2	A.324
1061200000	WEW 35/2	A.325
1061200000	WEW 35/2	A.326
1061200000	WEW 35/2	A.327
1061200000	WEW 35/2	A.328
1061200000	WEW 35/2	A.329
1061200000	WEW 35/2	A.330
1061200000	WEW 35/2	A.331
1061200000	WEW 35/2	A.332
1061200000	WEW 35/2	A.333
1061200000	WEW 35/2	A.334
1061200000	WEW 35/2	A.335
1061200000	WEW 35/2	A.336
1061200000	WEW 35/2	A.337
1061200000	WEW 35/2	A.340
1061200000	WEW 35/2	A.341
1061200000	WEW 35/2	A.342
1061200000	WEW 35/2	A.343
1061200000	WEW 35/2	A.344
1061200000	WEW 35/2	A.345
1061200000	WEW 35/2	A.346
1061200000	WEW 35/2	A.347
1061200000	WEW 35/2	A.348
1061200000	WEW 35/2	A.349
1061200000	WEW 35/2	A.350
1061200000	WEW 35/2	A.351
1061200000	WEW 35/2	A.354
1061200000	WEW 35/2	A.355
1061200000	WEW 35/2	A.356
1061200000	WEW 35/2	A.359
1061200000	WEW 35/2	A.360
1061200000	WEW 35/2	A.361
1061200000	WEW 35/2	A.362
1061200000	WEW 35/2	A.368
1061200000	WEW 35/2	A.369
1061200000	WEW 35/2	A.370
1061200000	WEW 35/2	A.371
1061200000	WEW 35/2	A.372
1061200000	WEW 35/2	A.373
1061200000	WEW 35/2	A.374
1061200000	WEW 35/2	A.375
1061200000	WEW 35/2	A.376
1061200000	WEW 35/2	A.377
1061200000	WEW 35/2	A.378
1061200000	WEW 35/2	A.379
1061200000	WEW 35/2	A.380
1061200000	WEW 35/2	A.384
1061200000	WEW 35/2	A.385
1061200000	WEW 35/2	A.386
1061200000	WEW 35/2	A.387
1061200000	WEW 35/2	A.388
1061200000	WEW 35/2	A.389
1061200000	WEW 35/2	A.390
1061200000	WEW 35/2	A.394
1061200000	WEW 35/2	A.395
1061200000	WEW 35/2	A.396
1061200000	WEW 35/2	A.399
1061200000	WEW 35/2	A.400
1061200000	WEW 35/2	A.401
1061200000	WEW 35/2	A.402
1061200000	WEW 35/2	A.403
1061200000	WEW 35/2	A.434
1061200000	WEW 35/2	A.435
1061200000	WEW 35/2	A.436
1061200000	WEW 35/2	A.437
1061200000	WEW 35/2	A.438
1061200000	WEW 35/2	A.439
1061200000	WEW 35/2	B.26
1061200000	WEW 35/2	B.32
1061200000	WEW 35/2	B.56
1061200000	WEW 35/2	B.58
1061200000	WEW 35/2	B.60
1061200000	WEW 35/2	B.61
1061200000	WEW 35/2	B.62
1061200000	WEW 35/2	B.64
1061200000	WEW 35/2	B.66
1061200000	WEW 35/2	B.68
1061200000	WEW 35/2	B.70
1061200000	WEW 35/2	B.71
1061200000	WEW 35/2	B.74
1061200000	WEW 35/2	B.75
1061200000	WEW 35/2	B.78
1061200000	WEW 35/2	B.80
1061200000	WEW 35/2	B.82
1061200000	WEW 35/2	B.84
1061200000	WEW 35/2	B.86

Order No.	Type	Page
1061200000	WEW 35/2	B.88
1061200000	WEW 35/2	B.98
1061200000	WEW 35/2	B.134
1061200000	WEW 35/2	B.143
1061200000	WEW 35/2	B.144
1061200000	WEW 35/2	B.145
1061200000	WEW 35/2	B.146
1061200000	WEW 35/2	B.147
1061200000	WEW 35/2	B.148
1061200000	WEW 35/2	B.149
1061200000	WEW 35/2	B.150
1061200000	WEW 35/2	B.151
1061200000	WEW 35/2	B.152
1061200000	WEW 35/2	B.153
1061200000	WEW 35/2	B.154
1061200000	WEW 35/2	B.155
1061200000	WEW 35/2	B.156
1061200000	WEW 35/2	B.157
1061200000	WEW 35/2	B.158
1061200000	WEW 35/2	B.159
1061200000	WEW 35/2	B.164
1061200000	WEW 35/2	B.166
1061200000	WEW 35/2	B.167
1061200000	WEW 35/2	B.198
1061200000	WEW 35/2	B.199
1061200000	WEW 35/2	B.200
1061200000	WEW 35/2	B.202
1061200000	WEW 35/2	B.203
1061200000	WEW 35/2	B.204
1061200000	WEW 35/2	B.205
1061200000	WEW 35/2	B.234
1061200000	WEW 35/2	B.236
1061200000	WEW 35/2	B.237
1061200000	WEW 35/2	B.238
1061200000	WEW 35/2	B.239
1061200000	WEW 35/2	B.240
1061200000	WEW 35/2	B.244
1061200000	WEW 35/2	B.245
1061200000	WEW 35/2	B.246
1061200000	WEW 35/2	B.247
1061200000	WEW 35/2	B.277
1061200000	WEW 35/2	B.286
1061200000	WEW 35/2	B.287
1061200000	WEW 35/2	B.288
1061200000	WEW 35/2	C.5
1061200000	WEW 35/2	C.15
1061210000	WEW 35/2 SW	A.380
1061210000	WEW 35/2 SW	C.5
1061210000	WEW 35/2 SW	C.15
1062060000	WTA 5/10	A.423
1062660000	WQV 6/5	A.416
1062660000	WQV 6/5	B.243
1062660000	WQV 6/5	B.244
1062660000	WQV 6/5	B.246
1062670000	WQV 6/6	A.416
1062680000	WQV 6/7	A.416
1062680000	WQV 6/7	B.243
1062860000	WAD 27 B GE/SW	A.319
1062860000	WAD 27 B GE/SW	B.29
1062860000	WAD 27 B GE/SW	B.30
1062960000	WAD 27 NE WS	A.319
1062960000	WAD 27 NE WS	B.29
1062960000	WAD 27 NE WS	B.30
1063300000	WQV 120/2	A.319
1063300000	WQV 120/2	A.417
1063300000	WQV 120/2	B.30
1063400000	WQV 120/3	A.319
1063400000	WQV 120/3	A.417
1063400000	WQV 120/3	B.30
1063500000	WQV 70/95/2	A.319
1063500000	WQV 70/95/2	A.417
1063500000	WQV 70/95/2	B.29
1063600000	WQV 70/95/3	A.319
1063600000	WQV 70/95/3	A.417
1063600000	WQV 70/95/3	B.29
1063900000	WQV 16-2.5	A.419
1064000000	WQV 16-4/6	A.420
1064100000	WQV 35-2.5	A.419
1064460000	WAH 35	A.440
1064460000	WAH 35	A.447
1064560000	WAH 70 BE	A.441
1064560000	WAH 70 BE	A.447
1064660000	WAH 120	A.441
1064660000	WAH 120	A.442
1064660000	WAH 120	A.447
1064760000	WAH 185/300 BE	A.442
1064760000	WAH 185/300 BE	A.443
1064760000	WAH 185/300 BE	A.447
1064900000	WQL 2 WFF35	A.440
1064900000	WQL 2 WFF35	A.446
1065000000	WQL 2 WFF70	A.441
1065000000	WQL 2 WFF70	A.446
1065100000	WQL 2 WFF120	A.441
1065100000	WQL 2 WFF120	A.442
1065100000	WQL 2 WFF120	A.446
1065200000	WQL 2 WFF185	A.442
1065200000	WQL 2 WFF185	A.443
1065200000	WQL 2 WFF185	A.446
1065300000	WQL 2 WFF300	A.443

Order No.	Type	Page
1065300000	WQL 2 WFF300	A.446
1065400000	WQL 3 WFF35	A.440
1065400000	WQL 3 WFF35	A.446
1065500000	WQL 3 WFF70	A.441
1065500000	WQL 3 WFF70	A.446
1065600000	WQL 3 WFF120	A.441
1065600000	WQL 3 WFF120	A.442
1065600000	WQL 3 WFF120	A.446
1065700000	WQL 3 WFF185	A.442
1065700000	WQL 3 WFF185	A.443
1065700000	WQL 3 WFF185	A.446
1065800000	WQL 3 WFF300	A.443
1065800000	WQL 3 WFF300	A.446
1066000000	WZAD 70/95	A.319
1066000000	WZAD 70/95	B.29
1066100000	WZAD120	A.319
1066100000	WZAD120	B.30
1066200000	WZAF 70	A.435
1066200000	WZAF 70	A.436
1066200000	WZAF 70	A.438
1066200000	WZAF 70	A.441
1066300000	WZAF 120	A.436
1066300000	WZAF 120	A.437
1066300000	WZAF 120	A.439
1066300000	WZAF 120	A.441
1066300000	WZAF 120	A.442
1066400000	WZAF 185	A.437
1066400000	WZAF 185	A.442
1066400000	WZAF 185	A.443
1066500000	WZAF 300	A.443
1067100000	WTW WFF35	A.440
1067100000	WTW WFF35	A.446
1067200000	WTW WFF70	A.441
1067200000	WTW WFF70	A.446
1067300000	WTW WFF120	A.441
1067300000	WTW WFF120	A.442
1067300000	WTW WFF120	A.446
1067400000	WTW WFF185/300	A.442
1067400000	WTW WFF185/300	A.443
1067400000	WTW WFF185/300	A.446
1067600000	WEW 32/1	C.15
1067700000	WAP WDL2.5/S	B.204
1067700000	WAP WDL2.5/S	B.205
1067800000	WAP WDL2.5	B.202
1067800000	WAP WDL2.5	B.203
1067980000	WHP WDL2.5/S BL	B.202
1067980000	WHP WDL2.5/S BL	B.203
1067980000	WHP WDL2.5/S BL	B.204
1067980000	WHP WDL2.5/S BL	B.205
1068000000	WQV 35-10/6/4	A.419
1068160000	WBB WDU1.5/BL...	A.396
1068260000	WBB ZA WDU1.5/BL 10/10	A.396
1068400000	WTW WTL6/1 DB	B.239
1068400000	WTW WTL6/1 DB	B.240
1068700000	WSH 1	B.264

1070000000

1070000000	WAP WDK2.5/BLZ/0.ZA	A.397
1070100000	WAP WDK2.5/BLZ/M.ZA	A.397
1070500000	WZAF 35	A.435
1070500000	WZAF 35	A.438
1070500000	WZAF 35	A.440
1071000000	STB 21.6/IH/DB WTL6/3	B.246
1071010000	STB 21.6/IH/GE WTL6/3	B.246
1071010000	STB 21.6/IH/GE WTL6/3	B.247
1071020000	STB 21.6/IH/GN WTL6/3	B.246
1071020000	STB 21.6/IH/GN WTL6/3	B.247
1071030000	STB 21.6/IH/VI WTL6/3	B.246
1071030000	STB 21.6/IH/VI WTL6/3	B.247
1071040000	STB 21.6/IH/SW WTL6/3	B.246
1071080000	STB 21.6/IH/BL WTL6/3	B.246
1071080000	STB 21.6/IH/BL WTL6/3	B.247
1071100000	ZR WP04 DB	A.398
1071200000	SSCH 7.3X1.2X1000	A.398
1071200000	SSCH 7.3X1.2X1000	C.4
1071360000	WQV 16N-PEN BL	A.336
1071360000	WQV 16N-PEN BL	A.425
1071500000	Q 2 WDL2.5S	A.418
1071500000	Q 2 WDL2.5S	B.202
1071500000	Q 2 WDL2.5S	B.203
1071500000	Q 2 WDL2.5S	B.204
1071500000	Q 2 WDL2.5S	B.205
1071600000	Q 3 WDL2.5S	A.418
1071600000	Q 3 WDL2.5S	B.202
1071600000	Q 3 WDL2.5S	B.203
1071600000	Q 3 WDL2.5S	B.204
1071600000	Q 3 WDL2.5S	B.205
1071680000	TS 35X15/LL 2M/ST/ZN/0	C.11
1071690000	TS 35X7.5/LL/6X18 2M/0	C.10
1071700000	Q 4 WDL2.5S	A.418
1071700000	Q 4 WDL2.5S	B.202
1071700000	Q 4 WDL2.5S	B.203
1071700000	Q 4 WDL2.5S	B.204
1071700000	Q 4 WDL2.5S	B.205
1071800000	Q 10 WDL2.5S	A.418
1071800000	Q 10 WDL2.5S	B.202
1071800000	Q 10 WDL2.5S	B.203
1071800000	Q 10 WDL2.5S	B.204

Order No.	Type	Page
1071800000	Q 10 WDL2.5S	B.205
1071900000	EW 15/2	C.15
1072000000	WAD 4 GE BED	A.299
1072000000	WAD 4 GE BED	A.301
1072000000	WAD 4 GE BED	A.302
1072000000	WAD 4 GE BED	A.304
1072000000	WAD 4 GE BED	A.320
1072000000	WAD 4 GE BED	A.321
1072000000	WAD 4 GE BED	A.322
1072000000	WAD 4 GE BED	A.394
1072000000	WAD 4 GE BED	A.395
1072100000	WAD 4 WS	A.299
1072100000	WAD 4 WS	A.301
1072100000	WAD 4 WS	A.302
1072100000	WAD 4 WS	A.304
1072100000	WAD 4 WS	A.320
1072100000	WAD 4 WS	A.321
1072100000	WAD 4 WS	A.322
1072100000	WAD 4 WS	A.394
1072100000	WAD 4 WS	A.395
1072300000	WQV 70/95-PEN	A.339
1072300000	WQV 70/95-PEN	A.425
1072300000	WQV 70/95-PEN	B.34
1072400000	WQV 120-PEN	A.339
1072400000	WQV 120-PEN	A.425
1072400000	WQV 120-PEN	B.35
1072500000	WQV 16N-4/6	A.419
1072660000	WBB WDK2.5/BL5.08	A.397
1072760000	WBB ZA WDK2.5/BL5.08	A.397
1073100000	WQV 16N-2.5	A.419
1074200000	Q 20 WDL2.5S	A.418
1074200000	Q 20 WDL2.5S	B.202
1074200000	Q 20 WDL2.5S	B.203
1074200000	Q 20 WDL2.5S	B.204
1074200000	Q 20 WDL2.5S	B.205
1074600000	WAP WTR2.5/ZZ	A.369
1079200000	WQV 35N/2	A.313
1079200000	WQV 35N/2	A.416
1079200000	WQV 35N/2	B.26
1079200000	WQV 35N/2	B.288
1079300000	WQV 35N/3	A.416
1079400000	WQV 35N/4	A.313
1079400000	WQV 35N/4	A.416
1079400000	WQV 35N/4	B.26
1079400000	WQV 35N/4	B.288
1079500000	WQB PEN 35N	A.425
1079600000	WQB PEN 16N	A.425
1079700000	WQB PEN 70N	A.425
1079900000	WSH 4 MT	B.263

1080000000

1080100000	WSH 5	B.264
1080200000	WSH 6	B.264
1082400000	BFEH 1/WSH	B.265
1083100000	WSH 18 MT	B.265
1083200000	WSH 19 MT	B.265
1083600000	WAD 16N GE BED	A.313
1083600000	WAD 16N GE BED	B.26
1083600000	WAD 16N GE BED	B.288
1083900000	SMSE WSH U1 MT	B.265
1084000000	WAP WDK2.5/4 N	A.322
1084000000	WAP WDK2.5/4 N	A.323
1084000000	WAP WDK2.5/4 N	A.324
1084000000	WAP WDK2.5/4 N	A.325
1084000000	WAP WDK2.5/4 N	A.340
1084000000	WAP WDK2.5/4 N	A.341
1084080000	WAP WDK2.5/4 N BL	A.322
1084080000	WAP WDK2.5/4 N BL	A.323
1084080000	WAP WDK2.5/4 N BL	A.324
1084080000	WAP WDK2.5/4 N BL	A.325
1084080000	WAP WDK2.5/4 N BL	A.340
1084770000	ZDT 2.5/2 V	A.260

1100000000

1107680000	WT4 4AN/2	A.390
1107780000	WAP WT4/4AN/2	A.390
1107790000	WP4/1AN/1	A.390
1107790000	WP4/1AN/1	A.392
1107800000	WP4/1AN/10	A.390
1108490000	WP4/1AN/1 ZA	A.390
1108490000	WP4/1AN/1 ZA	A.392

1110000000

1112910000	WAD 5 MC NE WS	A.300
1112910000	WAD 5 MC NE WS	A.301
1112910000	WAD 5 MC NE WS	A.303
1112910000	WAD 5 MC NE WS	B.212
1112910000	WAD 5 MC NE WS	B.214
1112910000	WAD 5 MC NE WS	B.216
1112910000	WAD 5 MC NE WS	B.220
1112910000	WAD 5 MC NE WS	B.286
1112920000	WAD 5 MC NE GE	A.300
1112920000	WAD 5 MC NE GE	A.301
1112920000	WAD 5 MC NE GE	A.303
1112920000	WAD 5 MC NE GE	B.286
1112940000	WAD 8 MC NE WS	A.306

Order No.	Type	Page
1112940000	WAD 8 MC NE WS	A.307
1112940000	WAD 8 MC NE WS	A.308
1112940000	WAD 8 MC NE WS	A.309
1112940000	WAD 8 MC NE WS	A.310
1112940000	WAD 8 MC NE WS	A.325
1112940000	WAD 8 MC NE WS	A.326
1112940000	WAD 8 MC NE WS	A.327
1112940000	WAD 8 MC NE WS	A.328
1112940000	WAD 8 MC NE WS	A.329
1112940000	WAD 8 MC NE WS	A.341
1112940000	WAD 8 MC NE WS	B.98
1112940000	WAD 8 MC NE WS	B.236
1112940000	WAD 8 MC NE WS	B.250
1112950000	WAD 8 MC NE GE	A.306
1112950000	WAD 8 MC NE GE	A.307
1112950000	WAD 8 MC NE GE	A.308
1112950000	WAD 8 MC NE GE	A.309
1112950000	WAD 8 MC NE GE	A.325
1112950000	WAD 8 MC NE GE	A.326
1112950000	WAD 8 MC NE GE	A.327
1112950000	WAD 8 MC NE GE	A.328
1112950000	WAD 8 MC NE GE	A.329
1112950000	WAD 8 MC NE GE	A.341
1112950000	WAD 8 MC NE GE	B.98
1114720000	WDU 4/ZZ BL	A.303
1116710000	PS_ZQV_SET	A.292
1119700000	ZDK 4-2/2AN	A.215
1119790000	WSI 6/2/LD 250AC LLC	A.355
1119800000	WSI 6/2/LD 10-36V LLC	A.355
1119810000	WSI 6/2/LD 30-70V LLC	A.355
1119820000	WSI 6/2/LD 60-150V LLC	A.355
1119830000	WSI 6/LD 30-70V LLC	A.354
1119840000	WSI 6/LD 10-36V LLC	A.354
1119850000	WSI 6/LD 60-150V LLC	A.354
1119870000	WSI 6/LD 250AC LLC	A.354

1120000000

1120470000	WAD 8 MC B GE/SW	A.310
1121740000	PS_ZQV	A.292

1130000000

1131740000	ZDLD 2.5-2N PE	A.207
1131750000	ZDLD 2.5-2N/PE/L/L	A.207
1131760000	ZDLD 2.5-2N/PE/L/N	A.207
1137780000	WSI 25/1 10X38/LED 1KV	A.357
1137790000	WSI 25/1 10X38 1KV	A.357

1140000000

1142970000	WAD WMF2.5	B.172
1142980000	WBB WMF2.5 BLZ	B.172
1142990000	AP WMF2.5	B.164
1142990000	AP WMF2.5	B.165
1142990000	AP WMF2.5	B.166
1142990000	AP WMF2.5	B.167
1142990000	AP WMF2.5	B.168
1142990000	AP WMF2.5	B.169
1142990000	AP WMF2.5	B.172
1143000000	WMF 2.5 DI BLZ	B.167
1143010000	WMF 2.5 DI BLZ PE	B.168
1143020000	WMF 2.5 DI	B.164
1143030000	WMF 2.5 DI PE	B.165
1143050000	WMF 2.5 BLZ	B.167
1143070000	WMF 2.5	B.164

1160000000

1162600000	WEW 35/1 SW	B.162
1162600000	WEW 35/1 SW	C.5
1162600000	WEW 35/1 SW	C.15
1162610000	ZEW 35/2 SW	B.160
1162610000	ZEW 35/2 SW	B.161
1162610000	ZEW 35/2 SW	B.163
1162610000	ZEW 35/2 SW	C.15
1162820000	WMF 2.5 FU BLZ PE SW	B.169
1162830000	WMF 2.5 FU BLZ PE 10-36V SW	B.169
1162860000	WMF 2.5 FU BLZ PE 100-250V SW	B.169
1162920000	WMF 2.5 FU SW	B.166
1162930000	WMF 2.5 FU 10-36V SW	B.166
1162940000	WMF 2.5 FU 30-70V SW	B.166
1162950000	WMF 2.5 FU 60-150V SW	B.166
1162960000	WMF 2.5 FU 100-250V SW	B.166
1162980000	WMF 2.5 FU BLZ SW	B.169
1162990000	WMF 2.5 FU BLZ 10-36V SW	B.169
1163000000	WMF 2.5 FU BLZ 30-70V SW	B.169
1163010000	WMF 2.5 FU BLZ 60-150V SW	B.169
1163020000	WMF 2.5 FU BLZ 100-250V SW	B.169
1163040000	WMF 2.5 FU PE SW	B.166
1163050000	WMF 2.5 FU PE 10-36V SW	B.166
1163060000	WMF 2.5 FU PE 30-70V SW	B.166
1163070000	WMF 2.5 FU PE 60-150V SW	B.166
1163080000	WMF 2.5 FU PE 100-250V SW	B.166
1167440000	IL WMF2.5 BLZ OR	B.172
1167630000	FUCR SW	B.164
1167630000	FUCR SW	B.165
1167630000	FUCR SW	B.166
1167630000	FUCR SW	B.167

Order No.	Type	Page
1167630000	FUCR SW	B.168
1167630000	FUCR SW	B.169
1167640000	FUCR 10-36V SW	B.164
1167640000	FUCR 10-36V SW	B.165
1167640000	FUCR 10-36V SW	B.166
1167640000	FUCR 10-36V SW	B.167
1167640000	FUCR 10-36V SW	B.168
1167640000	FUCR 10-36V SW	B.169
1167640000	FUCR 10-36V SW	B.172
1167680000	FUCR 100-250V SW	B.164
1167680000	FUCR 100-250V SW	B.165
1167680000	FUCR 100-250V SW	B.166
1167680000	FUCR 100-250V SW	B.167
1167680000	FUCR 100-250V SW	B.168
1167680000	FUCR 100-250V SW	B.169

1170000000

1173540000	BZT PRV16 SW 35X15	B.162
1173550000	BZT PRV16 SW 35X7.5	B.162
1173570000	BZT PRV8 SW 35X15	B.161
1173570000	BZT PRV8 SW 35X15	B.163
1173580000	BZT PRV8 SW 35X7.5	B.161
1173580000	BZT PRV8 SW 35X7.5	B.163
1173590000	BZT PRV4 SW 35X15	B.160
1173590000	BZT PRV4 SW 35X15	B.163
1173600000	BZT PRV4 SW 35X7.5	B.160
1173600000	BZT PRV4 SW 35X7.5	B.163
1173620000	PRV 16 SW 35X15 RT/WS	B.162
1173630000	TW PRV16	B.162
1173650000	PRV 16 SW 35X15 WS/RT	B.162
1173670000	TW PRV8	B.161
1173670000	TW PRV8	B.163
1173680000	PRV 16 SW 35X7.5 RT/WS	B.162
1173700000	TW PRV4	B.160
1173700000	TW PRV4	B.163
1173710000	PRV 16 SW 35X7.5 WS/RT	B.162
1173720000	PAP PRV/PPV8 SW	B.161
1173720000	PAP PRV/PPV8 SW	B.163
1173720000	PAP PRV/PPV8 SW	B.172
1173740000	PRV 8 SW 35X15 RT/WS	B.161
1173750000	PAP PRV/PPV4 SW	B.160
1173750000	PAP PRV/PPV4 SW	B.163
1173750000	PAP PRV/PPV4 SW	B.172
1173780000	PRV 8 SW 35X15 WS/RT	B.161
1173790000	PRV 8 SW 35X7.5 RT/WS	B.161
1173800000	PRV 8 SW 35X7.5 WS/RT	B.161
1173810000	PRV 4 SW 35X15 RT	B.160
1173820000	PRV 4 SW 35X15 WS	B.160
1173830000	PRV 4 SW 35X7.5 RT	B.160
1173840000	PRV 4 SW 35X7.5 WS	B.160
1173850000	PPV 8 GR 35X15 DGR	B.163
1173870000	PPV 8 GR 35X7.5 DGR	B.163
1173880000	PPV 4 GR 35X15 DGR	B.163
1173890000	PPV 4 GR 35X7.5 DGR	B.163
1173900000	PRV 8 BL 35X15 WS/RT	B.161
1173910000	PRV 8 BL 35X7.5 WS/RT	B.161
1173920000	PRV 4 BL 35X15 WS	B.160
1173930000	PRV 4 BL 35X7.5 WS	B.160

1180000000

1186630000	WDU 50N IR	A.314
1186630000	WDU 50N IR	B.28
1186720000	WAP WDK10	A.325
1186720000	WAP WDK10	A.326
1186720000	WAP WDK10	A.327
1186720000	WAP WDK10	A.328
1186720000	WAP WDK10	A.329
1186720000	WAP WDK10	A.341
1186720000	WAP WDK10	B.98
1186730000	WAP WDK10 BL	A.325
1186730000	WAP WDK10 BL	A.326
1186730000	WAP WDK10 BL	A.327
1186730000	WAP WDK10 BL	A.328
1186730000	WAP WDK10 BL	A.329
1186730000	WAP WDK10 BL	A.341
1186730000	WAP WDK10 BL	B.98
1186740000	WDK 10	A.325
1186750000	WDK 10 BL	A.325
1186770000	WDK 10 V	A.326
1186780000	WDK 10 V BL	A.326

1190000000

1193450000	WTR 4/ZZ BL	A.374

1200000000

1208920000	ZVLD 2.5	A.208
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.160
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.161
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.162
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.163
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.179
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.181
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.183

Order No.	Type	Page
1210410000	ZAP ZVLD 2.5	A.208
1211450000	PAP PRV/PPV4 GR	B.160
1211450000	PAP PRV/PPV4 GR	B.163
1211450000	PAP PRV/PPV4 GR	B.172
1211460000	PAP PRV/PPV8 GR	B.161
1211460000	PAP PRV/PPV8 GR	B.163
1211460000	PAP PRV/PPV8 GR	B.172
1216230000	HBT 6,0 - 4,6 GE	A.307
1216230000	HBT 6,0 - 4,6 GE	A.309
1216230000	HBT 6,0 - 4,6 GE	B.245

1220000000

1227850000	ZEW 35/2 GR	C.15
1227890000	WEW 35/1 GR	C.5
1227890000	WEW 35/1 GR	C.15

1230000000

1230050000	TW PRV4 1-4	B.160
1230050000	TW PRV4 1-4	B.163
1230060000	TW PRV4 0-3	B.160
1230060000	TW PRV4 0-3	B.163
1230070000	TW PRV4 A-D	B.160
1230070000	TW PRV4 A-D	B.163
1230080000	TW PRV8 1-8	B.161
1230080000	TW PRV8 1-8	B.163
1230090000	TW PRV8 0-7	B.161
1230090000	TW PRV8 0-7	B.163
1230110000	TW PRV8 A-H	B.161
1230110000	TW PRV8 A-H	B.163
1230120000	TW PRV16 1-16	B.162
1230130000	TW PRV16 0-15	B.162
1230140000	TW PRV16 A-P	B.162
1231330000	WTR 4/ZZ STB BL	A.374
1233330000	HBT 2,5 - 4,6 BL	A.307
1233330000	HBT 2,5 - 4,6 BL	A.309
1233330000	HBT 2,5 - 4,6 BL	B.245
1233340000	HBT 1,5 - 4,6 RT	A.307
1233340000	HBT 1,5 - 4,6 RT	A.309
1233340000	HBT 1,5 - 4,6 RT	B.245
1238040000	ZEW 35 GR	C.15
1238880000	WAP WTL6 SL 4-6	B.245

1240000000

1246990000	SMSE WSH 135/60 MT	B.265
1247290000	WDK 2.5/TR-DU	A.382
1247310000	WDK 2.5/TR-DU STB	A.382
1247420000	WDK 2.5/TR-DU-PE	A.383
1247430000	WDK 2.5/TR-DU-PE STB	A.383

1250000000

1252490000	KLBUE 15-32 FM4	B.261
1252510000	KLBUE 10-20 FM4	B.261
1252520000	KLBUE 4-13.5 FM4	B.261
1252530000	KLBUE 3-8 FM4	B.261
1255010000	GWHUE M3 WTL6	B.244
1255010000	GWHUE M3 WTL6	B.245

1260000000

1265990000	ZSI 2X6/4X2.5	A.248
1267790000	PRV 16 BL 35X15 RT/WS	B.162
1267800000	PRV 16 BL 35X15 WS/RT	B.162
1267810000	PRV 16 BL 35X7.5 RT/WS	B.162
1267820000	PRV 16 BL 35X7.5 WS/RT	B.162
1267830000	PRV 8 BL 35X15 RT/WS	B.161
1267840000	PRV 8 BL 35X7.5 RT/WS	B.161
1267870000	PPV 8 BL 35X15 DGR	B.163
1267880000	PPV 8 BL 35X7.5 DGR	B.163
1267890000	PRV 4 BL 35X15 RT	B.160
1267900000	PRV 4 BL 35X7.5 RT	B.160
1267910000	PPV 4 BL 35X15 DGR	B.163
1267920000	PPV 4 BL 35X7.5 DGR	B.163
1267930000	BZT PRV16 BL 35X15	B.162
1267940000	BZT PRV16 BL 35X7.5	B.162
1267950000	BZT PRV8 BL 35X15	B.161
1267950000	BZT PRV8 BL 35X15	B.163
1267970000	BZT PRV8 BL 35X7.5	B.161
1267970000	BZT PRV8 BL 35X7.5	B.163
1267980000	BZT PRV4 BL 35X15	B.160
1267980000	BZT PRV4 BL 35X15	B.163
1267990000	BZT PRV4 BL 35X7.5	B.160
1267990000	BZT PRV4 BL 35X7.5	B.163
1268000000	PAP PRV/PPV8 BL	B.161
1268000000	PAP PRV/PPV8 BL	B.163
1268010000	PAP PRV/PPV4 BL	B.160
1268010000	PAP PRV/PPV4 BL	B.163
1268010000	PAP PRV/PPV4 BL	B.172
1269050000	EW 35 DB	C.15
1269070000	ZST 1	A.295

1270000000

1270040000	WMF 2.5 BL	B.164
1270070000	WMF 2.5 DI BL	B.164
1270080000	WMF 2.5 DI PE BL	B.165
1278730000	ETA 1170 21 3A	A.247
1278740000	ETA 1170 21 4A	A.247
1278750000	ETA 1170 21 5A	A.247
1278760000	ETA 1170 21 6A	A.247
1278770000	ETA 1170 21 7.5A	A.247
1278780000	ETA 1170 21 8A	A.247
1278790000	ETA 1170 21 10A	A.247
1278810000	1170-21-15A	A.247
1278820000	ETA 1170 21 20A	A.247
1278830000	ETA 1170 21 25A	A.247
1278840000	ETA 1180 01 0.1A	A.246
1278840000	ETA 1180 01 0.1A	A.248
1278850000	ETA 1180 01 0.2A	A.246
1278850000	ETA 1180 01 0.2A	A.248
1278860000	ETA 1180 01 0.25A	A.246
1278860000	ETA 1180 01 0.25A	A.248
1278870000	ETA 1180 01 0.3A	A.246
1278870000	ETA 1180 01 0.3A	A.248
1278880000	ETA 1180 01 0.4A	A.246
1278880000	ETA 1180 01 0.4A	A.248
1278910000	ETA 1180 01 0.5A	A.246
1278910000	ETA 1180 01 0.5A	A.248
1278920000	ETA 1180 01 0.6A	A.246
1278920000	ETA 1180 01 0.6A	A.248
1278930000	ETA 1180 01 0.7A	A.246
1278930000	ETA 1180 01 0.7A	A.248
1278940000	ETA 1180 01 0.8A	A.246
1278940000	ETA 1180 01 0.8A	A.248
1278950000	ETA 1180 01 1A	A.246
1278950000	ETA 1180 01 1A	A.248
1278960000	ETA 1180-01-1.5A	A.246
1278960000	ETA 1180-01-1.5A	A.248
1278970000	ETA 1180 01 2A	A.246
1278970000	ETA 1180 01 2A	A.248
1278980000	ETA 1180 01 2.5A	A.246
1278980000	ETA 1180 01 2.5A	A.248
1278990000	ETA 1180 01 3A	A.246
1278990000	ETA 1180 01 3A	A.248
1279010000	ETA 1180 01 3.5A	A.246
1279010000	ETA 1180 01 3.5A	A.248
1279020000	ETA 1180 01 4A	A.246
1279020000	ETA 1180 01 4A	A.248
1279030000	ETA 1180 01 5A	A.246
1279030000	ETA 1180 01 5A	A.248
1279040000	ETA 1180 01 6A	A.246
1279040000	ETA 1180 01 6A	A.248
1279050000	ETA 1180 01 7A	A.246
1279050000	ETA 1180 01 7A	A.248
1279060000	ETA 1180 01 8A	A.246
1279060000	ETA 1180 01 8A	A.248
1279070000	ETA 1180 01 10A	A.246
1279070000	ETA 1180 01 10A	A.248

1280000000

1283470000	TS END CAP 35X7.5	B.12
1283470000	TS END CAP 35X7.5	C.11
1283480000	TS END CAP 35X15	B.24
1283480000	TS END CAP 35X15	C.11
1286600000	TST 2/M5	C.12

1290000000

1295550000	ZT 2.5/2AN/1 BL	A.254

1300000000

1301610000	PPV 4 OR 35X15 DGR	B.163
1301620000	PPV 8 OR 35X15 DGR	B.163
1301630000	PPV 4 OR 35X7.5 DGR	B.163
1301640000	PPV 8 OR 35X7.5 DGR	B.163
1303360000	AKE 2.5	A.331
1304720000	ZT 2.5/3AN/1 BL	A.254
1305230000	AH WDT 2.5 BT	A.388
1305240000	WAP WDT 2.5 BT	A.388
1305250000	WAP WDT 2.5 AT	A.388
1305250000	WAP WDT 2.5 AT	A.389
1305260000	WAP WDT 2.5/2	A.389
1305270000	WP 2.5/1AN/1	A.388
1305270000	WP 2.5/1AN/1	A.389
1305270000	WP 2.5/1AN/1	A.392
1305280000	WP 2.5/1AN/10	A.388
1305280000	WP 2.5/1AN/10	A.389
1305290000	WDT 2.5/2	A.389
1305300000	WDT 2.5/2 V	A.389
1305310000	WDT 2.5 BT	A.388
1305320000	WDT 2.5 AT	A.388
1305320000	WDT 2.5 AT	A.389
1305330000	WT 2.5	A.388

1310000000

1312440000	HBT 1,5 - 3,0 RT	A.305
1312440000	HBT 1,5 - 3,0 RT	A.359
1312440000	HBT 1,5 - 3,0 RT	A.375
1312440000	HBT 1,5 - 3,0 RT	A.376
1312440000	HBT 1,5 - 3,0 RT	A.377

Order No.	Type	Page
1312450000	HBT 2,5 - 3,0 BL	A.305
1312450000	HBT 2,5 - 3,0 BL	A.359
1312450000	HBT 2,5 - 3,0 BL	A.375
1312450000	HBT 2,5 - 3,0 BL	A.376
1312450000	HBT 2,5 - 3,0 BL	A.377
1312500000	Q 2 DLI	A.418
1312500000	Q 2 DLI	B.130
1312500000	Q 2 DLI	B.131
1312500000	Q 2 DLI	B.132
1312500000	Q 2 DLI	B.133
1312600000	Q 3 DLI	A.418
1312600000	Q 3 DLI	B.130
1312600000	Q 3 DLI	B.131
1312600000	Q 3 DLI	B.132
1312600000	Q 3 DLI	B.133
1312700000	Q 4 DLI	A.418
1312700000	Q 4 DLI	B.130
1312700000	Q 4 DLI	B.131
1312700000	Q 4 DLI	B.132
1312700000	Q 4 DLI	B.133
1312830000	ZT 4/2AN/1 BL	A.256
1313100000	Q 10 DLI	A.418
1313100000	Q 10 DLI	B.130
1313100000	Q 10 DLI	B.131
1313100000	Q 10 DLI	B.132
1313100000	Q 10 DLI	B.133
1313600000	NSCH 2M	C.4
1319260000	QVS 2/4 SAKT4	B.234
1319900000	BFSC M3X22 SAKT4	B.234

1340000000

1340870000	SH 4C	B.263
1348970000	ZDT 2.5/2 BL	A.260

1350000000

1350990000	WP 2.5/1AN/1 ZA	A.392
1351000000	WP 2.5/1AN/1 ZA O.RA	A.392
1356790000	ZP 4/1AN ZA BL	A.270

1370000000

1378160000	ADP 4/300	C.18

1390000000

1393020000	WQV 70N/5/3/1	A.416
1393350000	WDU 6 IR	A.306
1393380000	WDU 10 IR	A.308
1393390000	WDU 16 IR	A.311
1393400000	WDU 35 IR	A.312
1393400000	WDU 35 IR	B.27
1393420000	WDU 70N/35 IR	A.315
1393420000	WDU 70N/35 IR	B.29
1394040000	ZDK 2.5-2/4AN	A.211
1394050000	ZAP/TW ZDK2.5-2/4AN	A.211
1397000000	SSCH 10X3X2000 CU VERZ.	C.4
1399800000	Q 20 DLI	A.418

1400000000

1402830000	KLBUE 3-8 RC TS35	B.268
1403050000	KLBUE 10-20 RC TS27	B.267
1403060000	KLBUE 4-13.5 RC TS27	B.267
1403070000	KLBUE 3-8 RC TS27	B.268
1403080000	KLBUE 10-20 RC TS35	B.269
1403090000	KLBUE 4-13.5 RC TS35	B.269

1410000000

1412950000	WDU 2.5 HV	A.301
1412960000	WDU 4 HV	A.303
1412970000	WDU 6 HV	A.306
1415470000	WDK 10 PE	A.341
1415480000	WDK 10 DU-PE	A.328
1415510000	WDK 10 L	A.326
1415520000	WDK 10 DU-N	A.327
1415530000	WDK 10 SET LS	A.329
1415530000	WDK 10 SET LS	B.98
1415540000	WDK 10 SET BCD	A.328
1415540000	WDK 10 SET BCD	B.98

1430000000

1430760000	ADP 4/1000	C.18

1460000000

1460580000	GZ 0.5A/F	A.109
1460580000	GZ 0.5A/F	A.249
1460580000	GZ 0.5A/F	A.366
1460590000	GZ 1.0A/F	A.109
1460590000	GZ 1.0A/F	A.249
1460590000	GZ 1.0A/F	A.366
1460600000	GZ 2.0A/F	A.109
1460600000	GZ 2.0A/F	A.249
1460600000	GZ 2.0A/F	A.366
1460610000	GZ 3.0A/F	A.249

Order No.	Type	Page
1460610000	GZ 3.0A/F	A.366
1460620000	GZ 5.0A/F	A.249
1460620000	GZ 5.0A/F	A.366
1460630000	GZ 7.0A/F	A.249
1460630000	GZ 7.0A/F	A.366
1460640000	GZ 10.0A/F	A.249
1460640000	GZ 10.0A/F	A.366
1460650000	GZ 12.5A/F	A.249
1460650000	GZ 12.5A/F	A.366

1510000000

Order No.	Type	Page
1513640000	APG 2.5/2	A.138
1513650000	APG 2.5/3	A.138
1513670000	APG 2.5/4	A.138
1513680000	APG 2.5/5	A.138
1513690000	APG 2.5/6	A.138
1513700000	APG 2.5/7	A.138
1513720000	APG 2.5/1	A.127
1513720000	APG 2.5/1	A.128
1513720000	APG 2.5/1	A.129
1513720000	APG 2.5/1	A.130
1513720000	APG 2.5/1	A.131
1513720000	APG 2.5/1	A.138
1513730000	APG 2.5/8	A.138
1513740000	APG 2.5/9	A.138
1513770000	APG 2.5/10	A.127
1513770000	APG 2.5/10	A.128
1513770000	APG 2.5/10	A.129
1513770000	APG 2.5/10	A.130
1513770000	APG 2.5/10	A.131
1513770000	APG 2.5/10	A.138
1513780000	APG 2.5/5-3BG-BL-GN	A.138
1513790000	APG 2.5/4-3BG-GN	A.140
1513820000	APG 2.5/3-BG-BL-GN	A.138
1513830000	APG 2.5 L	A.127
1513830000	APG 2.5 L	A.128
1513830000	APG 2.5 L	A.129
1513830000	APG 2.5 L	A.130
1513830000	APG 2.5 L	A.131
1513830000	APG 2.5 L	A.142
1513840000	APG 2.5 L BL	A.142
1513850000	APG 2.5 L GN	A.142
1513870000	APGTB 2.5 PE 2C/1	A.127
1513870000	APGTB 2.5 PE 2C/1	A.163
1513880000	APG 2.5 MI	A.127
1513880000	APG 2.5 MI	A.128
1513880000	APG 2.5 MI	A.129
1513880000	APG 2.5 MI	A.130
1513880000	APG 2.5 MI	A.131
1513880000	APG 2.5 MI	A.142
1513890000	APGTB 2.5 PE 3C/1	A.128
1513890000	APGTB 2.5 PE 3C/1	A.163
1513900000	APG 2.5 MI BL	A.142
1513920000	APGTB 2.5 PE 4C/2	A.129
1513920000	APGTB 2.5 PE 4C/2	A.163
1513930000	APG 2.5 MI GN	A.142
1513940000	APG 2.5 R	A.127
1513940000	APG 2.5 R	A.128
1513940000	APG 2.5 R	A.129
1513940000	APG 2.5 R	A.130
1513940000	APG 2.5 R	A.131
1513940000	APG 2.5 R	A.142
1513950000	APG 2.5 R BL	A.142
1513970000	APGTB 2.5 FT 2C/1	A.127
1513970000	APGTB 2.5 FT 2C/1	A.163
1513980000	APG 2.5 R GN	A.142
1513990000	APGTB 2.5 FT 2C/1 BL	A.127
1514000000	APGTB 2.5 FT 3C/1	A.128
1514000000	APGTB 2.5 FT 3C/1	A.163
1514020000	APGTB 2.5 FT 3C/1 BL	A.128
1514030000	APGTB 2.5 FT 4C/2	A.129
1514030000	APGTB 2.5 FT 4C/2	A.163
1514040000	APGTB 2.5 FT 4C/2 BL	A.129
1514400000	AEP 2C 2.5	A.59
1514400000	AEP 2C 2.5	A.93
1514400000	AEP 2C 2.5	A.127
1514400000	AEP 2C 2.5	A.160
1514400000	AEP 2C 2.5	B.274
1514420000	AEP 2C 2.5 BL	A.59
1514420000	AEP 2C 2.5 BL	A.127
1514420000	AEP 2C 2.5 BL	A.160
1514450000	AEP PGTB 2.5 4C/2	A.129
1514470000	AEP PGTB 2.5 4C/2 BL	A.129
1514490000	APGCE	A.51
1514490000	APGCE	A.53
1514490000	APGCE	A.138
1514490000	APGCE	A.139
1514490000	APGCE	A.140
1514490000	APGCE	A.143
1514490000	APGCE	A.388
1514490000	APGCE	A.389
1514490000	APGCE	A.392
1514490000	APGCE	B.220
1514490000	APGCE	B.225
1514500000	APGPC 2.5	A.51
1514500000	APGPC 2.5	A.53
1514500000	APGPC 2.5	A.138
1514500000	APGPC 2.5	A.140
1514500000	APGPC 2.5	A.143
1518300000	KDKS 1PE/LLC 10-36V AC/DC	A.365
1518330000	KDKS 1PE/LLC 30-70V AC/DC	A.365
1518340000	KDKS 1PE/LLC 60-150V AC/DC	A.365
1518370000	KDKS 1PE/LLC 100-250V AC/DC	A.365

1520000000

Order No.	Type	Page
1521510000	AEP 3C 2.5	A.59
1521510000	AEP 3C 2.5	A.93
1521510000	AEP 3C 2.5	A.128
1521520000	AEP 3C 2.5 BL	A.59
1521520000	AEP 3C 2.5 BL	A.128
1521530000	AEP 4C 2.5	A.60
1521530000	AEP 4C 2.5	A.94
1521530000	AEP 4C 2.5	A.113
1521530000	AEP 4C 2.5	A.114
1521530000	AEP 4C 2.5	B.280
1521540000	A4C 2.5 PE	A.94
1521540000	A4C 2.5 PE	A.163
1521640000	AEP 4C 2.5 BL	A.60
1521640000	AEP 4C 2.5 BL	A.113
1521640000	AEP 4C 2.5 BL	A.114
1521640000	AEP 4C 2.5 BL	B.280
1521670000	A3C 2.5 PE	A.93
1521670000	A3C 2.5 PE	A.106
1521670000	A3C 2.5 PE	A.163
1521680000	A2C 2.5 PE	A.93
1521680000	A2C 2.5 PE	A.163
1521690000	A4C 2.5	A.60
1521690000	A4C 2.5	A.163
1521690000	A4C 2.5	A.176
1521700000	A4C 2.5 BL	A.60
1521700000	A4C 2.5 BL	A.176
1521710000	A4C 2.5 RD	A.176
1521720000	A4C 2.5 OR	A.176
1521730000	A4C 2.5 YL	A.176
1521740000	A3C 2.5	A.59
1521740000	A3C 2.5	A.106
1521740000	A3C 2.5	A.163
1521740000	A3C 2.5	A.176
1521770000	A4C 2.5 GN	A.176
1521780000	A3C 2.5 BL	A.59
1521780000	A3C 2.5 BL	A.176
1521790000	A4C 2.5 WT	A.176
1521800000	A3C 2.5 RD	A.176
1521820000	A4C 2.5 BK	A.176
1521830000	A3C 2.5 OR	A.176
1521840000	A3C 2.5 YL	A.176
1521850000	A2C 2.5	A.59
1521850000	A2C 2.5	A.160
1521850000	A2C 2.5	A.163
1521850000	A2C 2.5	A.176
1521870000	A3C 2.5 GN	A.176
1521880000	A2C 2.5 BL	A.59
1521880000	A2C 2.5 BL	A.160
1521880000	A2C 2.5 BL	A.176
1521890000	A3C 2.5 WT	A.176
1521900000	A2C 2.5 RD	A.176
1521920000	A3C 2.5 BK	A.176
1521930000	A2C 2.5 OR	A.176
1521940000	A2C 2.5 YL	A.176
1521950000	A2C 2.5 GN	A.176
1521970000	A2C 2.5 WT	A.176
1521980000	A2C 2.5 BK	A.176
1527540000	ZQV 2.5N/2	A.8
1527540000	ZQV 2.5N/2	A.9
1527540000	ZQV 2.5N/2	A.18
1527540000	ZQV 2.5N/2	A.19
1527540000	ZQV 2.5N/2	A.20
1527540000	ZQV 2.5N/2	A.21
1527540000	ZQV 2.5N/2	A.22
1527540000	ZQV 2.5N/2	A.23
1527540000	ZQV 2.5N/2	A.24
1527540000	ZQV 2.5N/2	A.25
1527540000	ZQV 2.5N/2	A.41
1527540000	ZQV 2.5N/2	A.42
1527540000	ZQV 2.5N/2	A.43
1527540000	ZQV 2.5N/2	A.45
1527540000	ZQV 2.5N/2	A.46
1527540000	ZQV 2.5N/2	A.47
1527540000	ZQV 2.5N/2	A.48
1527540000	ZQV 2.5N/2	A.49
1527540000	ZQV 2.5N/2	A.50
1527540000	ZQV 2.5N/2	A.59
1527540000	ZQV 2.5N/2	A.60
1527540000	ZQV 2.5N/2	A.64
1527540000	ZQV 2.5N/2	A.67
1527540000	ZQV 2.5N/2	A.68
1527540000	ZQV 2.5N/2	A.69
1527540000	ZQV 2.5N/2	A.78
1527540000	ZQV 2.5N/2	A.79
1527540000	ZQV 2.5N/2	A.80
1527540000	ZQV 2.5N/2	A.81
1527540000	ZQV 2.5N/2	A.83
1527540000	ZQV 2.5N/2	A.84
1527540000	ZQV 2.5N/2	A.85
1527540000	ZQV 2.5N/2	A.88
1527540000	ZQV 2.5N/2	A.89
1527540000	ZQV 2.5N/2	A.90
1527540000	ZQV 2.5N/2	A.106
1527540000	ZQV 2.5N/2	A.113
1527540000	ZQV 2.5N/2	A.114
1527540000	ZQV 2.5N/2	A.115
1527540000	ZQV 2.5N/2	A.116
1527540000	ZQV 2.5N/2	A.117
1527540000	ZQV 2.5N/2	A.118
1527540000	ZQV 2.5N/2	A.120
1527540000	ZQV 2.5N/2	A.127
1527540000	ZQV 2.5N/2	A.128
1527540000	ZQV 2.5N/2	A.129
1527540000	ZQV 2.5N/2	A.130
1527540000	ZQV 2.5N/2	A.131
1527540000	ZQV 2.5N/2	A.146
1527540000	ZQV 2.5N/2	A.147
1527540000	ZQV 2.5N/2	A.148
1527540000	ZQV 2.5N/2	A.149
1527540000	ZQV 2.5N/2	A.150
1527540000	ZQV 2.5N/2	A.160
1527540000	ZQV 2.5N/2	A.168
1527540000	ZQV 2.5N/2	A.183
1527540000	ZQV 2.5N/2	A.252
1527540000	ZQV 2.5N/2	A.254
1527540000	ZQV 2.5N/2	A.255
1527540000	ZQV 2.5N/2	A.260
1527540000	ZQV 2.5N/2	A.261
1527540000	ZQV 2.5N/2	A.263
1527540000	ZQV 2.5N/2	A.267
1527540000	ZQV 2.5N/2	A.299
1527540000	ZQV 2.5N/2	A.300
1527540000	ZQV 2.5N/2	A.301
1527540000	ZQV 2.5N/2	A.321
1527540000	ZQV 2.5N/2	A.322
1527540000	ZQV 2.5N/2	A.323
1527540000	ZQV 2.5N/2	A.358
1527540000	ZQV 2.5N/2	A.368
1527540000	ZQV 2.5N/2	A.369
1527540000	ZQV 2.5N/2	A.388
1527540000	ZQV 2.5N/2	A.389
1527540000	ZQV 2.5N/2	A.396
1527540000	ZQV 2.5N/2	A.412
1527540000	ZQV 2.5N/2	B.54
1527540000	ZQV 2.5N/2	B.96
1527540000	ZQV 2.5N/2	B.164
1527540000	ZQV 2.5N/2	B.165
1527540000	ZQV 2.5N/2	B.166
1527540000	ZQV 2.5N/2	B.167
1527540000	ZQV 2.5N/2	B.168
1527540000	ZQV 2.5N/2	B.169
1527540000	ZQV 2.5N/2	B.178
1527540000	ZQV 2.5N/2	B.184
1527540000	ZQV 2.5N/2	B.185
1527540000	ZQV 2.5N/2	B.186
1527540000	ZQV 2.5N/2	B.187
1527540000	ZQV 2.5N/2	B.190
1527540000	ZQV 2.5N/2	B.191
1527540000	ZQV 2.5N/2	B.192
1527540000	ZQV 2.5N/2	B.193
1527540000	ZQV 2.5N/2	B.278
1527540000	ZQV 2.5N/2	B.279
1527540000	ZQV 2.5N/2	B.280
1527540000	ZQV 2.5N/2	B.285
1527540000	ZQV 2.5N/2	B.286
1527570000	ZQV 2.5N/3	A.168
1527570000	ZQV 2.5N/3	A.412
1527570000	ZQV 2.5N/3	B.178
1527570000	ZQV 2.5N/3	B.184
1527570000	ZQV 2.5N/3	B.185
1527570000	ZQV 2.5N/3	B.186
1527570000	ZQV 2.5N/3	B.187
1527570000	ZQV 2.5N/3	B.190
1527570000	ZQV 2.5N/3	B.191
1527570000	ZQV 2.5N/3	B.192
1527570000	ZQV 2.5N/3	B.193
1527590000	ZQV 2.5N/4	A.168
1527590000	ZQV 2.5N/4	A.412
1527590000	ZQV 2.5N/4	B.178
1527590000	ZQV 2.5N/4	B.184
1527590000	ZQV 2.5N/4	B.185
1527590000	ZQV 2.5N/4	B.186
1527590000	ZQV 2.5N/4	B.187
1527590000	ZQV 2.5N/4	B.190
1527590000	ZQV 2.5N/4	B.191
1527590000	ZQV 2.5N/4	B.192
1527590000	ZQV 2.5N/4	B.193
1527620000	ZQV 2.5N/5	A.168
1527620000	ZQV 2.5N/5	A.412
1527630000	ZQV 2.5N/6	A.168
1527630000	ZQV 2.5N/6	A.412
1527640000	ZQV 2.5N/7	A.168
1527640000	ZQV 2.5N/7	A.412
1527670000	ZQV 2.5N/8	A.168
1527670000	ZQV 2.5N/8	A.412
1527680000	ZQV 2.5N/9	A.168
1527680000	ZQV 2.5N/9	A.412
1527690000	ZQV 2.5N/10	A.8
1527690000	ZQV 2.5N/10	A.9
1527690000	ZQV 2.5N/10	A.18
1527690000	ZQV 2.5N/10	A.19
1527690000	ZQV 2.5N/10	A.20
1527690000	ZQV 2.5N/10	A.21
1527690000	ZQV 2.5N/10	A.22
1527690000	ZQV 2.5N/10	A.23
1527690000	ZQV 2.5N/10	A.24
1527690000	ZQV 2.5N/10	A.25
1527690000	ZQV 2.5N/10	A.41
1527690000	ZQV 2.5N/10	A.42
1527690000	ZQV 2.5N/10	A.43
1527690000	ZQV 2.5N/10	A.45
1527690000	ZQV 2.5N/10	A.46
1527690000	ZQV 2.5N/10	A.47
1527690000	ZQV 2.5N/10	A.48
1527690000	ZQV 2.5N/10	A.49
1527690000	ZQV 2.5N/10	A.50
1527690000	ZQV 2.5N/10	A.59
1527690000	ZQV 2.5N/10	A.60
1527690000	ZQV 2.5N/10	A.64
1527690000	ZQV 2.5N/10	A.67
1527690000	ZQV 2.5N/10	A.68
1527690000	ZQV 2.5N/10	A.69
1527690000	ZQV 2.5N/10	A.78
1527690000	ZQV 2.5N/10	A.79
1527690000	ZQV 2.5N/10	A.80
1527690000	ZQV 2.5N/10	A.81
1527690000	ZQV 2.5N/10	A.83
1527690000	ZQV 2.5N/10	A.84
1527690000	ZQV 2.5N/10	A.85
1527690000	ZQV 2.5N/10	A.88
1527690000	ZQV 2.5N/10	A.89
1527690000	ZQV 2.5N/10	A.90
1527690000	ZQV 2.5N/10	A.106
1527690000	ZQV 2.5N/10	A.113
1527690000	ZQV 2.5N/10	A.114
1527690000	ZQV 2.5N/10	A.115
1527690000	ZQV 2.5N/10	A.116
1527690000	ZQV 2.5N/10	A.117
1527690000	ZQV 2.5N/10	A.118
1527690000	ZQV 2.5N/10	A.120
1527690000	ZQV 2.5N/10	A.127
1527690000	ZQV 2.5N/10	A.128
1527690000	ZQV 2.5N/10	A.129
1527690000	ZQV 2.5N/10	A.130
1527690000	ZQV 2.5N/10	A.131
1527690000	ZQV 2.5N/10	A.146
1527690000	ZQV 2.5N/10	A.147
1527690000	ZQV 2.5N/10	A.148
1527690000	ZQV 2.5N/10	A.149
1527690000	ZQV 2.5N/10	A.150
1527690000	ZQV 2.5N/10	A.160
1527690000	ZQV 2.5N/10	A.168
1527690000	ZQV 2.5N/10	A.183
1527690000	ZQV 2.5N/10	A.252
1527690000	ZQV 2.5N/10	A.254
1527690000	ZQV 2.5N/10	A.255
1527690000	ZQV 2.5N/10	A.260
1527690000	ZQV 2.5N/10	A.261
1527690000	ZQV 2.5N/10	A.263
1527690000	ZQV 2.5N/10	A.267
1527690000	ZQV 2.5N/10	A.299
1527690000	ZQV 2.5N/10	A.300
1527690000	ZQV 2.5N/10	A.301
1527690000	ZQV 2.5N/10	A.321
1527690000	ZQV 2.5N/10	A.322
1527690000	ZQV 2.5N/10	A.323
1527690000	ZQV 2.5N/10	A.358
1527690000	ZQV 2.5N/10	A.368
1527690000	ZQV 2.5N/10	A.369
1527690000	ZQV 2.5N/10	A.388
1527690000	ZQV 2.5N/10	A.389
1527690000	ZQV 2.5N/10	A.396
1527690000	ZQV 2.5N/10	A.412
1527690000	ZQV 2.5N/10	B.54
1527690000	ZQV 2.5N/10	B.96
1527690000	ZQV 2.5N/10	B.164
1527690000	ZQV 2.5N/10	B.165
1527690000	ZQV 2.5N/10	B.166
1527690000	ZQV 2.5N/10	B.167
1527690000	ZQV 2.5N/10	B.168
1527690000	ZQV 2.5N/10	B.169
1527690000	ZQV 2.5N/10	B.178
1527690000	ZQV 2.5N/10	B.184
1527690000	ZQV 2.5N/10	B.185
1527690000	ZQV 2.5N/10	B.186
1527690000	ZQV 2.5N/10	B.187
1527690000	ZQV 2.5N/10	B.190
1527690000	ZQV 2.5N/10	B.191
1527690000	ZQV 2.5N/10	B.192
1527690000	ZQV 2.5N/10	B.193
1527690000	ZQV 2.5N/10	B.278
1527690000	ZQV 2.5N/10	B.279
1527690000	ZQV 2.5N/10	B.280
1527690000	ZQV 2.5N/10	B.285
1527690000	ZQV 2.5N/10	B.286
1527720000	ZQV 2.5N/20	A.168
1527720000	ZQV 2.5N/20	A.412
1527730000	ZQV 2.5N/50	A.168
1527730000	ZQV 2.5N/50	A.412

Order No.	Type	Page
1527740000	ZQV 2.5N/2 BL	A.168
1527740000	ZQV 2.5N/2 BL	A.412
1527740000	ZQV 2.5N/2 BL	B.110
1527740000	ZQV 2.5N/2 BL	B.111
1527740000	ZQV 2.5N/2 BL	B.112
1527740000	ZQV 2.5N/2 BL	B.113
1527740000	ZQV 2.5N/2 BL	B.182
1527770000	ZQV 2.5N/3 BL	A.168
1527770000	ZQV 2.5N/3 BL	A.412
1527770000	ZQV 2.5N/3 BL	B.182
1527780000	ZQV 2.5N/4 BL	A.168
1527780000	ZQV 2.5N/4 BL	A.412
1527780000	ZQV 2.5N/4 BL	B.182
1527790000	ZQV 2.5N/5 BL	A.168
1527790000	ZQV 2.5N/5 BL	A.412
1527820000	ZQV 2.5N/6 BL	A.168
1527820000	ZQV 2.5N/6 BL	A.412
1527830000	ZQV 2.5N/7 BL	A.168
1527830000	ZQV 2.5N/7 BL	A.412
1527840000	ZQV 2.5N/8 BL	A.168
1527840000	ZQV 2.5N/8 BL	A.412
1527870000	ZQV 2.5N/9 BL	A.168
1527870000	ZQV 2.5N/9 BL	A.412
1527880000	ZQV 2.5N/10 BL	A.168
1527880000	ZQV 2.5N/10 BL	A.412
1527880000	ZQV 2.5N/10 BL	B.110
1527880000	ZQV 2.5N/10 BL	B.111
1527880000	ZQV 2.5N/10 BL	B.112
1527880000	ZQV 2.5N/10 BL	B.113
1527880000	ZQV 2.5N/10 BL	B.182
1527890000	ZQV 2.5N/20 BL	A.168
1527890000	ZQV 2.5N/20 BL	A.412
1527920000	ZQV 2.5N/50 BL	A.168
1527920000	ZQV 2.5N/50 BL	A.412
1527930000	ZQV 4N/2	A.10
1527930000	ZQV 4N/2	A.11
1527930000	ZQV 4N/2	A.40
1527930000	ZQV 4N/2	A.44
1527930000	ZQV 4N/2	A.60
1527930000	ZQV 4N/2	A.61
1527930000	ZQV 4N/2	A.67
1527930000	ZQV 4N/2	A.70
1527930000	ZQV 4N/2	A.71
1527930000	ZQV 4N/2	A.82
1527930000	ZQV 4N/2	A.83
1527930000	ZQV 4N/2	A.107
1527930000	ZQV 4N/2	A.108
1527930000	ZQV 4N/2	A.109
1527930000	ZQV 4N/2	A.110
1527930000	ZQV 4N/2	A.111
1527930000	ZQV 4N/2	A.116
1527930000	ZQV 4N/2	A.118
1527930000	ZQV 4N/2	A.119
1527930000	ZQV 4N/2	A.121
1527930000	ZQV 4N/2	A.132
1527930000	ZQV 4N/2	A.133
1527930000	ZQV 4N/2	A.134
1527930000	ZQV 4N/2	A.135
1527930000	ZQV 4N/2	A.136
1527930000	ZQV 4N/2	A.168
1527930000	ZQV 4N/2	A.303
1527930000	ZQV 4N/2	A.304
1527930000	ZQV 4N/2	A.305
1527930000	ZQV 4N/2	A.324
1527930000	ZQV 4N/2	A.325
1527930000	ZQV 4N/2	A.342
1527930000	ZQV 4N/2	A.343
1527930000	ZQV 4N/2	A.344
1527930000	ZQV 4N/2	A.345
1527930000	ZQV 4N/2	A.346
1527930000	ZQV 4N/2	A.359
1527930000	ZQV 4N/2	A.360
1527930000	ZQV 4N/2	A.361
1527930000	ZQV 4N/2	A.362
1527930000	ZQV 4N/2	A.370
1527930000	ZQV 4N/2	A.371
1527930000	ZQV 4N/2	A.372
1527930000	ZQV 4N/2	A.373
1527930000	ZQV 4N/2	A.374
1527930000	ZQV 4N/2	A.375
1527930000	ZQV 4N/2	A.376
1527930000	ZQV 4N/2	A.377
1527930000	ZQV 4N/2	A.384
1527930000	ZQV 4N/2	A.385
1527930000	ZQV 4N/2	A.386
1527930000	ZQV 4N/2	A.387
1527930000	ZQV 4N/2	A.390
1527930000	ZQV 4N/2	A.412
1527930000	ZQV 4N/2	B.54
1527930000	ZQV 4N/2	B.143
1527930000	ZQV 4N/2	B.144
1527930000	ZQV 4N/2	B.145
1527930000	ZQV 4N/2	B.146
1527930000	ZQV 4N/2	B.147
1527930000	ZQV 4N/2	B.148
1527930000	ZQV 4N/2	B.149
1527930000	ZQV 4N/2	B.150
1527930000	ZQV 4N/2	B.151
1527930000	ZQV 4N/2	B.152

Order No.	Type	Page
1527930000	ZQV 4N/2	B.153
1527930000	ZQV 4N/2	B.154
1527930000	ZQV 4N/2	B.155
1527930000	ZQV 4N/2	B.156
1527930000	ZQV 4N/2	B.157
1527930000	ZQV 4N/2	B.158
1527930000	ZQV 4N/2	B.159
1527930000	ZQV 4N/2	B.188
1527930000	ZQV 4N/2	B.189
1527930000	ZQV 4N/2	B.279
1527930000	ZQV 4N/2	B.280
1527930000	ZQV 4N/2	B.285
1527930000	ZQV 4N/2	B.286
1527940000	ZQV 4N/3	A.168
1527940000	ZQV 4N/3	A.412
1527940000	ZQV 4N/3	B.188
1527940000	ZQV 4N/3	B.189
1527970000	ZQV 4N/4	A.168
1527970000	ZQV 4N/4	A.412
1527970000	ZQV 4N/4	B.188
1527970000	ZQV 4N/4	B.189
1527980000	ZQV 4N/5	A.168
1527980000	ZQV 4N/5	A.412
1527990000	ZQV 4N/6	A.168
1527990000	ZQV 4N/6	A.412
1528020000	ZQV 4N/7	A.168
1528020000	ZQV 4N/7	A.412
1528030000	ZQV 4N/8	A.168
1528030000	ZQV 4N/8	A.412
1528040000	ZQV 4N/2 BL	A.168
1528040000	ZQV 4N/2 BL	A.412
1528040000	ZQV 4N/2 BL	B.116
1528040000	ZQV 4N/2 BL	B.117
1528040000	ZQV 4N/2 BL	B.118
1528040000	ZQV 4N/2 BL	B.120
1528040000	ZQV 4N/2 BL	B.121
1528070000	ZQV 4N/9	A.168
1528070000	ZQV 4N/9	A.412
1528080000	ZQV 4N/3 BL	A.168
1528080000	ZQV 4N/3 BL	A.412
1528090000	ZQV 4N/10	A.10
1528090000	ZQV 4N/10	A.11
1528090000	ZQV 4N/10	A.40
1528090000	ZQV 4N/10	A.44
1528090000	ZQV 4N/10	A.60
1528090000	ZQV 4N/10	A.61
1528090000	ZQV 4N/10	A.67
1528090000	ZQV 4N/10	A.70
1528090000	ZQV 4N/10	A.71
1528090000	ZQV 4N/10	A.82
1528090000	ZQV 4N/10	A.83
1528090000	ZQV 4N/10	A.107
1528090000	ZQV 4N/10	A.108
1528090000	ZQV 4N/10	A.109
1528090000	ZQV 4N/10	A.110
1528090000	ZQV 4N/10	A.111
1528090000	ZQV 4N/10	A.116
1528090000	ZQV 4N/10	A.118
1528090000	ZQV 4N/10	A.119
1528090000	ZQV 4N/10	A.121
1528090000	ZQV 4N/10	A.132
1528090000	ZQV 4N/10	A.133
1528090000	ZQV 4N/10	A.134
1528090000	ZQV 4N/10	A.135
1528090000	ZQV 4N/10	A.136
1528090000	ZQV 4N/10	A.168
1528090000	ZQV 4N/10	A.303
1528090000	ZQV 4N/10	A.304
1528090000	ZQV 4N/10	A.305
1528090000	ZQV 4N/10	A.324
1528090000	ZQV 4N/10	A.325
1528090000	ZQV 4N/10	A.342
1528090000	ZQV 4N/10	A.343
1528090000	ZQV 4N/10	A.344
1528090000	ZQV 4N/10	A.345
1528090000	ZQV 4N/10	A.346
1528090000	ZQV 4N/10	A.359
1528090000	ZQV 4N/10	A.360
1528090000	ZQV 4N/10	A.361
1528090000	ZQV 4N/10	A.362
1528090000	ZQV 4N/10	A.370
1528090000	ZQV 4N/10	A.371
1528090000	ZQV 4N/10	A.372
1528090000	ZQV 4N/10	A.373
1528090000	ZQV 4N/10	A.374
1528090000	ZQV 4N/10	A.375
1528090000	ZQV 4N/10	A.376
1528090000	ZQV 4N/10	A.377
1528090000	ZQV 4N/10	A.384
1528090000	ZQV 4N/10	A.385
1528090000	ZQV 4N/10	A.386
1528090000	ZQV 4N/10	A.387
1528090000	ZQV 4N/10	A.390
1528090000	ZQV 4N/10	A.412
1528090000	ZQV 4N/10	B.54
1528090000	ZQV 4N/10	B.143
1528090000	ZQV 4N/10	B.144
1528090000	ZQV 4N/10	B.145
1528090000	ZQV 4N/10	B.146

Order No.	Type	Page
1528090000	ZQV 4N/10	B.147
1528090000	ZQV 4N/10	B.148
1528090000	ZQV 4N/10	B.149
1528090000	ZQV 4N/10	B.150
1528090000	ZQV 4N/10	B.151
1528090000	ZQV 4N/10	B.152
1528090000	ZQV 4N/10	B.153
1528090000	ZQV 4N/10	B.154
1528090000	ZQV 4N/10	B.155
1528090000	ZQV 4N/10	B.156
1528090000	ZQV 4N/10	B.157
1528090000	ZQV 4N/10	B.158
1528090000	ZQV 4N/10	B.159
1528090000	ZQV 4N/10	B.188
1528090000	ZQV 4N/10	B.189
1528090000	ZQV 4N/10	B.279
1528090000	ZQV 4N/10	B.280
1528090000	ZQV 4N/10	B.285
1528090000	ZQV 4N/10	B.286
1528120000	ZQV 4N/4 BL	A.168
1528120000	ZQV 4N/4 BL	A.412
1528130000	ZQV 4N/50	A.168
1528130000	ZQV 4N/50	A.412
1528140000	ZQV 4N/5 BL	A.168
1528140000	ZQV 4N/5 BL	A.412
1528170000	ZQV 4N/6 BL	A.168
1528170000	ZQV 4N/6 BL	A.412
1528180000	ZQV 4N/7 BL	A.168
1528180000	ZQV 4N/7 BL	A.412
1528190000	ZQV 4N/8 BL	A.168
1528190000	ZQV 4N/8 BL	A.412
1528220000	ZQV 4N/9 BL	A.168
1528220000	ZQV 4N/9 BL	A.412
1528230000	ZQV 4N/10 BL	A.168
1528230000	ZQV 4N/10 BL	A.412
1528230000	ZQV 4N/10 BL	B.116
1528230000	ZQV 4N/10 BL	B.117
1528230000	ZQV 4N/10 BL	B.118
1528230000	ZQV 4N/10 BL	B.120
1528230000	ZQV 4N/10 BL	B.121
1528240000	ZQV 4N/50 BL	A.168
1528240000	ZQV 4N/50 BL	A.412

1540000000

1545710000	BLZ/SL KO BK BX	B.170
1547490000	EBB 25-50/16	B.272
1547500000	JB 25-50	B.272
1547610000	A2T 2.5	A.78
1547610000	A2T 2.5	A.163
1547620000	A2T 2.5 BL	A.78
1547640000	A2T 2.5 FT-PE	A.79
1547650000	A2T 2.5 VL	A.79
1547660000	A2T 2.5 VL BL	A.79
1547680000	A2T 2.5 PE	A.103
1547680000	A2T 2.5 PE	A.163
1547690000	AEP 2T 2.5	A.78
1547690000	AEP 2T 2.5	A.79
1547690000	AEP 2T 2.5	A.80
1547690000	AEP 2T 2.5	A.81
1547690000	AEP 2T 2.5	A.103
1547690000	AEP 2T 2.5	A.130
1547690000	AEP 2T 2.5	A.131
1547690000	AEP 2T 2.5	A.146
1547690000	AEP 2T 2.5	A.147
1547690000	AEP 2T 2.5	A.148
1547690000	AEP 2T 2.5	A.149
1547690000	AEP 2T 2.5	A.150
1547700000	AEP 2T 2.5 BL	A.78
1547700000	AEP 2T 2.5 BL	A.79
1547700000	AEP 2T 2.5 BL	A.80
1547700000	AEP 2T 2.5 BL	A.81
1547700000	AEP 2T 2.5 BL	A.130
1547700000	AEP 2T 2.5 BL	A.131
1548060000	APGTB 2.5 2T 4C/2	A.130
1548060000	APGTB 2.5 2T 4C/2	A.163
1548070000	APGTB 2.5 2T 4C/2 BL	A.130
1548130000	APGTB 2.5 2T FT-PE 4C/2	A.131
1548140000	APGTB 2.5 2T VL 4C/2	A.131
1548150000	APGTB 2.5 2T VL 4C/2 BL	A.131
1548160000	APGTB 2.5 2T PE 4C/2	A.131
1548160000	APGTB 2.5 2T PE 4C/2	A.163

1550000000

1552600000	AEP 2C 1.5	A.6
1552600000	AEP 2C 1.5	A.26
1552600000	AEP 2C 1.5	A.58
1552600000	AEP 2C 1.5	A.92
1552600000	AEP 2C 1.5	A.122
1552610000	AEP 2C 1.5 BL	A.6
1552610000	AEP 2C 1.5 BL	A.26
1552610000	AEP 2C 1.5 BL	A.58
1552610000	AEP 2C 1.5 BL	A.122
1552620000	AEP 3C 1.5	A.6
1552620000	AEP 3C 1.5	A.26
1552620000	AEP 3C 1.5	A.58
1552620000	AEP 3C 1.5	A.92
1552620000	AEP 3C 1.5	A.112

Order No.	Type	Page
1552620000	AEP 3C 1.5	A.123
1552630000	AEP 3C 1.5 BL	A.6
1552630000	AEP 3C 1.5 BL	A.26
1552630000	AEP 3C 1.5 BL	A.58
1552630000	AEP 3C 1.5 BL	A.123
1552640000	AEP 4C 1.5	A.7
1552640000	AEP 4C 1.5	A.27
1552640000	AEP 4C 1.5	A.59
1552640000	AEP 4C 1.5	A.93
1552640000	AEP 4C 1.5	A.112
1552650000	AEP 4C 1.5 BL	A.7
1552650000	AEP 4C 1.5 BL	A.27
1552650000	AEP 4C 1.5 BL	A.59
1552660000	A4C 1.5 PE	A.93
1552660000	A4C 1.5 PE	A.163
1552670000	A3C 1.5 PE	A.92
1552670000	A3C 1.5 PE	A.163
1552680000	A2C 1.5 PE	A.92
1552680000	A2C 1.5 PE	A.163
1552690000	A4C 1.5	A.59
1552690000	A4C 1.5	A.163
1552690000	A4C 1.5	A.176
1552700000	A4C 1.5 BL	A.59
1552700000	A4C 1.5 BL	A.176
1552720000	A4C 1.5 OR	A.176
1552740000	A3C 1.5	A.58
1552740000	A3C 1.5	A.163
1552740000	A3C 1.5	A.176
1552770000	A3C 1.5 BL	A.58
1552770000	A3C 1.5 BL	A.176
1552780000	A3C 1.5 OR	A.176
1552790000	A2C 1.5	A.58
1552790000	A2C 1.5	A.163
1552790000	A2C 1.5	A.176
1552820000	A2C 1.5 BL	A.58
1552820000	A2C 1.5 BL	A.176
1552830000	A2C 1.5 OR	A.176

1560000000

1560650000	WPD 101 2X25/2X16 GN	B.60
1560670000	WPD 101 2X25/2X16 BL	B.60
1560730000	WPD 101 2X25/2X16 GY	B.60
1561100000	WPD 101 2X25/2X16 BK	B.60
1561120000	WPD 101 2X25/2X16 BN	B.60
1561130000	WPD 301 2X25/2X16 3XGY	B.60
1561620000	WPD 202 4X35/4X25 GN	B.66
1561630000	WPD 102 2X35/2X25 BK	B.64
1561640000	WPD 102 2X35/2X25 BL	B.64
1561650000	WPD 102 2X35/2X25 BN	B.64
1561670000	WPD 102 2X35/2X25 GN	B.64
1561680000	WPD 102 2X35/2X25 GY	B.64
1561690000	WPD 202 4X35/4X25 BK	B.66
1561700000	WPD 202 4X35/4X25 BL	B.66
1561720000	WPD 202 4X35/4X25 BN	B.66
1561730000	WPD 202 4X35/4X25 GY	B.66
1561740000	WPD 302 2X35/2X25 3XGY	B.64
1561750000	WPD 501 2X25/2X16 5XGY	B.61
1561770000	WPD 103 2X70/2X50 GY	B.68
1561780000	WPD 103 2X70/2X50 BL	B.68
1561790000	WPD 103 2X70/2X50 GN	B.68
1561800000	WPD 401 2X25/2X16 4XGY	B.61
1561820000	WPD 103 2X70/2X50 BN	B.68
1561830000	WPD 103 2X70/2X50 BK	B.68
1561900000	WQB WPD X08-09/2	B.82
1561900000	WQB WPD X08-09/2	B.84
1561910000	WPD 100 2X25/6X10 GY	B.56
1561920000	WPD 100 2X25/6X10 BL	B.56
1561930000	WPD 100 2X25/6X10 GN	B.56
1561940000	WQB WPD X06/2	B.78
1561960000	WQB WPD X05/2	B.74
1561970000	WQB WPD X05/3	B.74
1561980000	WQB WPD X04/2	B.70
1561990000	WQB WPD X04/3	B.70
1562000000	WPD 104 1X25+1X16/2X16+3X10 GY	B.70
1562090000	WPD 109 1X185/2X35+3X25+4X16 GY	B.84
1562100000	WPD 108 1X120/2X35+3X25+4X16 GY	B.82
1562130000	WPD 401 2X25/2X16 3XGY/1XBL	B.61
1562140000	WPD 501 2X25/2X16 1XGN/3XGY/1XBL	B.61
1562150000	WPD 204 2X25/4X16+6X10 2XGY	B.70
1562160000	WPD 304 3X25/6X16+9X10 3XGY	B.71
1562170000	WPD 105 1X35+1X16/2X25+3X16 GY	B.74
1562180000	WPD 205 2X35/4X25+6X16 2XGY	B.74
1562190000	WPD 305 3X35/6X25+9X16 3XGY	B.75
1562210000	WPD 106 1X70/2X25+3X16 GY	B.78
1562220000	WPD 107 1X95/2X35+8X25 GY	B.80
1563900000	WD 1 25 K KARTE A 6 ST	A.440
1563900000	WD 1 25 K KARTE A 6 ST	A.441
1563900000	WD 1 25 K KARTE A 6 ST	A.442
1563900000	WD 1 25 K KARTE A 6 ST	A.443

1570000000

1573010000	BLZ/SL KO OR BX	B.170
1577320000	WAP WDU1.5/BLZ/ZA	A.396
1577330000	WAP WDU1.5/BLZ	A.396
1577340000	WDU 1.5/BLZ 5.08	A.396
1577400000	WAD WDU1.5/BLZ/BLA	A.397
1577570000	WQV 2.5/20	A.416

Order No.	Type	Page
1577600000	WQV 2.5/32	A.416
1590000000		
1592810000	KLBUE 4-13.5	B.258
1600000000		
1600480000	KLBUE 3-8	B.258
1600490000	KLBUE 10-20	B.258
1604200000	SSP WTL6/2	B.242
1604200000	SSP WTL6/2	B.246
1604200000	SSP WTL6/2	B.247
1604270000	WKS 1/2	B.243
1604270000	WKS 1/2	B.246
1604270000	WKS 1/2	B.247
1604280000	WKB 1/2	B.243
1604290000	WKS 1/3	B.243
1604290000	WKS 1/3	B.247
1604300000	WKB 1/3	B.243
1604310000	WKS 1/4	B.243
1604310000	WKS 1/4	B.247
1604320000	WKB 1/4	B.243
1604330000	WKB 1/10	B.243
1607720000	ESO 7 DIN A4 WS	A.259
1607720000	ESO 7 DIN A4 WS	A.267
1608510000	ZDU 2.5	A.188
1608520000	ZDU 2.5 BL	A.188
1608540000	ZDU 2.5/3AN	A.188
1608550000	ZDU 2.5/3AN BL	A.188
1608570000	ZDU 2.5/4AN	A.189
1608580000	ZDU 2.5/4AN BL	A.189
1608600000	ZDU 2.5/2X2AN	A.189
1608610000	ZDU 2.5/2X2AN BL	A.189
1608620000	ZDU 6	A.191
1608630000	ZDU 6 BL	A.191
1608640000	ZPE 2.5	A.220
1608650000	ZPE 2.5/3AN	A.221
1608660000	ZPE 2.5/4AN	A.221
1608670000	ZPE 6	A.223
1608740000	ZAP/TW 1	A.188
1608740000	ZAP/TW 1	A.220
1608740000	ZAP/TW 1	A.250
1608740000	ZAP/TW 1	B.234
1608750000	ZAP/TW 1 BL	A.188
1608770000	ZAP/TW 2 DB	A.188
1608770000	ZAP/TW 2 DB	A.221
1608780000	ZAP/TW 2 BL	A.188
1608800000	ZAP/TW 3	A.189
1608800000	ZAP/TW 3	A.221
1608800000	ZAP/TW 3	A.235
1608800000	ZAP/TW 3	A.236
1608800000	ZAP/TW 3	A.237
1608800000	ZAP/TW 3	A.250
1608800000	ZAP/TW 3	A.251
1608800000	ZAP/TW 3	A.274
1608800000	ZAP/TW 3	A.275
1608810000	ZAP/TW 3 BL	A.189
1608830000	ZAP/TW 5	A.191
1608830000	ZAP/TW 5	A.223
1608840000	ZAP/TW 5 BL	A.191
1608860000	ZQV 2.5/2	A.188
1608860000	ZQV 2.5/2	A.189
1608860000	ZQV 2.5/2	A.193
1608860000	ZQV 2.5/2	A.196
1608860000	ZQV 2.5/2	A.199
1608860000	ZQV 2.5/2	A.200
1608860000	ZQV 2.5/2	A.201
1608860000	ZQV 2.5/2	A.204
1608860000	ZQV 2.5/2	A.205
1608860000	ZQV 2.5/2	A.206
1608860000	ZQV 2.5/2	A.207
1608860000	ZQV 2.5/2	A.208
1608860000	ZQV 2.5/2	A.210
1608860000	ZQV 2.5/2	A.211
1608860000	ZQV 2.5/2	A.212
1608860000	ZQV 2.5/2	A.216
1608860000	ZQV 2.5/2	A.217
1608860000	ZQV 2.5/2	A.250
1608860000	ZQV 2.5/2	A.251
1608860000	ZQV 2.5/2	A.264
1608860000	ZQV 2.5/2	A.265
1608860000	ZQV 2.5/2	A.276
1608860000	ZQV 2.5/2	A.277
1608860000	ZQV 2.5/2	A.278
1608860000	ZQV 2.5/2	A.279
1608860000	ZQV 2.5/2	A.280
1608860000	ZQV 2.5/2	A.281
1608860000	ZQV 2.5/2	A.282
1608860000	ZQV 2.5/2	A.288
1608860000	ZQV 2.5/2	B.128
1608860000	ZQV 2.5/2	B.129
1608870000	ZQV 2.5/3	A.288
1608870000	ZQV 2.5/3	B.128
1608870000	ZQV 2.5/3	B.129
1608880000	ZQV 2.5/4	A.288
1608880000	ZQV 2.5/4	B.128
1608880000	ZQV 2.5/4	B.129
1608890000	ZQV 2.5/5	A.288

Order No.	Type	Page
1608900000	ZQV 2.5/6	A.288
1608910000	ZQV 2.5/7	A.288
1608920000	ZQV 2.5/8	A.288
1608930000	ZQV 2.5/9	A.288
1608940000	ZQV 2.5/10	A.188
1608940000	ZQV 2.5/10	A.189
1608940000	ZQV 2.5/10	A.196
1608940000	ZQV 2.5/10	A.200
1608940000	ZQV 2.5/10	A.201
1608940000	ZQV 2.5/10	A.204
1608940000	ZQV 2.5/10	A.205
1608940000	ZQV 2.5/10	A.206
1608940000	ZQV 2.5/10	A.207
1608940000	ZQV 2.5/10	A.208
1608940000	ZQV 2.5/10	A.210
1608940000	ZQV 2.5/10	A.211
1608940000	ZQV 2.5/10	A.212
1608940000	ZQV 2.5/10	A.216
1608940000	ZQV 2.5/10	A.217
1608940000	ZQV 2.5/10	A.250
1608940000	ZQV 2.5/10	A.251
1608940000	ZQV 2.5/10	A.264
1608940000	ZQV 2.5/10	A.265
1608940000	ZQV 2.5/10	A.276
1608940000	ZQV 2.5/10	A.277
1608940000	ZQV 2.5/10	A.278
1608940000	ZQV 2.5/10	A.279
1608940000	ZQV 2.5/10	A.280
1608940000	ZQV 2.5/10	A.281
1608940000	ZQV 2.5/10	A.282
1608940000	ZQV 2.5/10	A.288
1608940000	ZQV 2.5/10	B.128
1608940000	ZQV 2.5/10	B.129
1608950000	ZQV 4/2 GE	A.190
1608950000	ZQV 4/2 GE	A.191
1608950000	ZQV 4/2 GE	A.197
1608950000	ZQV 4/2 GE	A.198
1608950000	ZQV 4/2 GE	A.213
1608950000	ZQV 4/2 GE	A.214
1608950000	ZQV 4/2 GE	A.240
1608950000	ZQV 4/2 GE	A.242
1608950000	ZQV 4/2 GE	A.244
1608950000	ZQV 4/2 GE	A.245
1608950000	ZQV 4/2 GE	A.256
1608950000	ZQV 4/2 GE	A.281
1608950000	ZQV 4/2 GE	A.288
1608960000	ZQV 4/3 GE	A.288
1608970000	ZQV 4/4 GE	A.288
1608980000	ZQV 4/5 GE	A.288
1608990000	ZQV 4/6 GE	A.288
1609000000	ZQV 4/7 GE	A.288
1609010000	ZQV 4/8 GE	A.288
1609020000	ZQV 4/9 GE	A.288
1609030000	ZQV 4/10 GE	A.190
1609030000	ZQV 4/10 GE	A.191
1609030000	ZQV 4/10 GE	A.197
1609030000	ZQV 4/10 GE	A.198
1609030000	ZQV 4/10 GE	A.213
1609030000	ZQV 4/10 GE	A.214
1609030000	ZQV 4/10 GE	A.281
1609030000	ZQV 4/10 GE	A.288
1609040000	ZTA 1	A.188
1609040000	ZTA 1	A.189
1609040000	ZTA 1	A.209
1609040000	ZTA 1	A.220
1609040000	ZTA 1	A.221
1609040000	ZTA 1	A.250
1609040000	ZTA 1	A.290
1609040000	ZTA 1	B.97
1609050000	ZTA 1/ZA	A.188
1609050000	ZTA 1/ZA	A.189
1609050000	ZTA 1/ZA	A.220
1609050000	ZTA 1/ZA	A.221
1609050000	ZTA 1/ZA	A.250
1609050000	ZTA 1/ZA	A.290
1609050000	ZTA 1/ZA	B.276
1609060000	ZTA 2 ZDU4	A.190
1609060000	ZTA 2 ZDU4	A.191
1609060000	ZTA 2 ZDU4	A.221
1609060000	ZTA 2 ZDU4	A.222
1609060000	ZTA 2 ZDU4	A.290
1609070000	ZTA 2/ZA ZDU4	A.190
1609070000	ZTA 2/ZA ZDU4	A.191
1609070000	ZTA 2/ZA ZDU4	A.221
1609070000	ZTA 2/ZA ZDU4	A.222
1609070000	ZTA 2/ZA ZDU4	A.290
1609080000	ZAD 2/4	A.190
1609080000	ZAD 2/4	A.191
1609080000	ZAD 2/4	A.199
1609110000	ZAD 1/4	A.188
1609110000	ZAD 1/4	A.189
1609110000	ZAD 1/4	A.197
1609110000	ZAD 1/4	A.198
1609110000	ZAD 1/4	A.213
1609110000	ZAD 1/4	A.214
1609110000	ZAD 1/4	A.215
1609120000	ZAD 3/4	A.187
1609120000	ZAD 3/4	A.191
1609801044	DEK 5/5 MC NE WS	A.180

Order No.	Type	Page
1609801044	DEK 5/5 MC NE WS	A.181
1609801044	DEK 5/5 MC NE WS	A.182
1609801044	DEK 5/5 MC NE WS	A.183
1609801044	DEK 5/5 MC NE WS	A.188
1609801044	DEK 5/5 MC NE WS	A.189
1609801044	DEK 5/5 MC NE WS	A.192
1609801044	DEK 5/5 MC NE WS	A.193
1609801044	DEK 5/5 MC NE WS	A.194
1609801044	DEK 5/5 MC NE WS	A.200
1609801044	DEK 5/5 MC NE WS	A.201
1609801044	DEK 5/5 MC NE WS	A.204
1609801044	DEK 5/5 MC NE WS	A.205
1609801044	DEK 5/5 MC NE WS	A.206
1609801044	DEK 5/5 MC NE WS	A.207
1609801044	DEK 5/5 MC NE WS	A.208
1609801044	DEK 5/5 MC NE WS	A.209
1609801044	DEK 5/5 MC NE WS	A.210
1609801044	DEK 5/5 MC NE WS	A.211
1609801044	DEK 5/5 MC NE WS	A.212
1609801044	DEK 5/5 MC NE WS	A.216
1609801044	DEK 5/5 MC NE WS	A.217
1609801044	DEK 5/5 MC NE WS	A.218
1609801044	DEK 5/5 MC NE WS	A.219
1609801044	DEK 5/5 MC NE WS	A.220
1609801044	DEK 5/5 MC NE WS	A.221
1609801044	DEK 5/5 MC NE WS	A.224
1609801044	DEK 5/5 MC NE WS	A.225
1609801044	DEK 5/5 MC NE WS	A.226
1609801044	DEK 5/5 MC NE WS	A.227
1609801044	DEK 5/5 MC NE WS	A.230
1609801044	DEK 5/5 MC NE WS	A.231
1609801044	DEK 5/5 MC NE WS	A.233
1609801044	DEK 5/5 MC NE WS	A.234
1609801044	DEK 5/5 MC NE WS	A.235
1609801044	DEK 5/5 MC NE WS	A.236
1609801044	DEK 5/5 MC NE WS	A.237
1609801044	DEK 5/5 MC NE WS	A.238
1609801044	DEK 5/5 MC NE WS	A.239
1609801044	DEK 5/5 MC NE WS	A.240
1609801044	DEK 5/5 MC NE WS	A.242
1609801044	DEK 5/5 MC NE WS	A.244
1609801044	DEK 5/5 MC NE WS	A.245
1609801044	DEK 5/5 MC NE WS	A.250
1609801044	DEK 5/5 MC NE WS	A.251
1609801044	DEK 5/5 MC NE WS	A.252
1609801044	DEK 5/5 MC NE WS	A.254
1609801044	DEK 5/5 MC NE WS	A.255
1609801044	DEK 5/5 MC NE WS	A.257
1609801044	DEK 5/5 MC NE WS	A.258
1609801044	DEK 5/5 MC NE WS	A.260
1609801044	DEK 5/5 MC NE WS	A.261
1609801044	DEK 5/5 MC NE WS	A.262
1609801044	DEK 5/5 MC NE WS	A.263
1609801044	DEK 5/5 MC NE WS	A.264
1609801044	DEK 5/5 MC NE WS	A.265
1609801044	DEK 5/5 MC NE WS	A.266
1609801044	DEK 5/5 MC NE WS	A.267
1609801044	DEK 5/5 MC NE WS	A.268
1609801044	DEK 5/5 MC NE WS	A.274
1609801044	DEK 5/5 MC NE WS	A.275
1609801044	DEK 5/5 MC NE WS	A.276
1609801044	DEK 5/5 MC NE WS	A.277
1609801044	DEK 5/5 MC NE WS	A.278
1609801044	DEK 5/5 MC NE WS	A.279
1609801044	DEK 5/5 MC NE WS	A.280
1609801044	DEK 5/5 MC NE WS	A.281
1609801044	DEK 5/5 MC NE WS	A.282
1609801044	DEK 5/5 MC NE WS	A.298
1609801044	DEK 5/5 MC NE WS	A.299
1609801044	DEK 5/5 MC NE WS	A.300
1609801044	DEK 5/5 MC NE WS	A.301
1609801044	DEK 5/5 MC NE WS	A.302
1609801044	DEK 5/5 MC NE WS	A.308
1609801044	DEK 5/5 MC NE WS	A.309
1609801044	DEK 5/5 MC NE WS	A.310
1609801044	DEK 5/5 MC NE WS	A.311
1609801044	DEK 5/5 MC NE WS	A.312
1609801044	DEK 5/5 MC NE WS	A.313
1609801044	DEK 5/5 MC NE WS	A.314
1609801044	DEK 5/5 MC NE WS	A.315
1609801044	DEK 5/5 MC NE WS	A.316
1609801044	DEK 5/5 MC NE WS	A.319
1609801044	DEK 5/5 MC NE WS	A.320
1609801044	DEK 5/5 MC NE WS	A.321
1609801044	DEK 5/5 MC NE WS	A.322
1609801044	DEK 5/5 MC NE WS	A.323
1609801044	DEK 5/5 MC NE WS	A.325
1609801044	DEK 5/5 MC NE WS	A.326
1609801044	DEK 5/5 MC NE WS	A.327
1609801044	DEK 5/5 MC NE WS	A.328
1609801044	DEK 5/5 MC NE WS	A.329
1609801044	DEK 5/5 MC NE WS	A.330
1609801044	DEK 5/5 MC NE WS	A.331
1609801044	DEK 5/5 MC NE WS	A.332
1609801044	DEK 5/5 MC NE WS	A.335
1609801044	DEK 5/5 MC NE WS	A.336
1609801044	DEK 5/5 MC NE WS	A.337
1609801044	DEK 5/5 MC NE WS	A.338
1609801044	DEK 5/5 MC NE WS	A.339

Order No.	Type	Page
1609801044	DEK 5/5 MC NE WS	A.340
1609801044	DEK 5/5 MC NE WS	A.341
1609801044	DEK 5/5 MC NE WS	A.342
1609801044	DEK 5/5 MC NE WS	A.343
1609801044	DEK 5/5 MC NE WS	A.344
1609801044	DEK 5/5 MC NE WS	A.345
1609801044	DEK 5/5 MC NE WS	A.346
1609801044	DEK 5/5 MC NE WS	A.347
1609801044	DEK 5/5 MC NE WS	A.348
1609801044	DEK 5/5 MC NE WS	A.349
1609801044	DEK 5/5 MC NE WS	A.358
1609801044	DEK 5/5 MC NE WS	A.360
1609801044	DEK 5/5 MC NE WS	A.361
1609801044	DEK 5/5 MC NE WS	A.362
1609801044	DEK 5/5 MC NE WS	A.368
1609801044	DEK 5/5 MC NE WS	A.369
1609801044	DEK 5/5 MC NE WS	A.370
1609801044	DEK 5/5 MC NE WS	A.371
1609801044	DEK 5/5 MC NE WS	A.372
1609801044	DEK 5/5 MC NE WS	A.375
1609801044	DEK 5/5 MC NE WS	A.382
1609801044	DEK 5/5 MC NE WS	A.383
1609801044	DEK 5/5 MC NE WS	A.384
1609801044	DEK 5/5 MC NE WS	A.385
1609801044	DEK 5/5 MC NE WS	A.386
1609801044	DEK 5/5 MC NE WS	A.387
1609801044	DEK 5/5 MC NE WS	A.388
1609801044	DEK 5/5 MC NE WS	A.389
1609801044	DEK 5/5 MC NE WS	A.394
1609801044	DEK 5/5 MC NE WS	A.395
1609801044	DEK 5/5 MC NE WS	A.396
1609801044	DEK 5/5 MC NE WS	A.397
1609801044	DEK 5/5 MC NE WS	A.399
1609801044	DEK 5/5 MC NE WS	A.400
1609801044	DEK 5/5 MC NE WS	A.401
1609801044	DEK 5/5 MC NE WS	A.402
1609801044	DEK 5/5 MC NE WS	A.403
1609801044	DEK 5/5 MC NE WS	B.26
1609801044	DEK 5/5 MC NE WS	B.27
1609801044	DEK 5/5 MC NE WS	B.28
1609801044	DEK 5/5 MC NE WS	B.29
1609801044	DEK 5/5 MC NE WS	B.30
1609801044	DEK 5/5 MC NE WS	B.32
1609801044	DEK 5/5 MC NE WS	B.33
1609801044	DEK 5/5 MC NE WS	B.34
1609801044	DEK 5/5 MC NE WS	B.35
1609801044	DEK 5/5 MC NE WS	B.40
1609801044	DEK 5/5 MC NE WS	B.41
1609801044	DEK 5/5 MC NE WS	B.44
1609801044	DEK 5/5 MC NE WS	B.45
1609801044	DEK 5/5 MC NE WS	B.48
1609801044	DEK 5/5 MC NE WS	B.50
1609801044	DEK 5/5 MC NE WS	B.97
1609801044	DEK 5/5 MC NE WS	B.98
1609801044	DEK 5/5 MC NE WS	B.99
1609801044	DEK 5/5 MC NE WS	B.128
1609801044	DEK 5/5 MC NE WS	B.129
1609801044	DEK 5/5 MC NE WS	B.134
1609801044	DEK 5/5 MC NE WS	B.143
1609801044	DEK 5/5 MC NE WS	B.144
1609801044	DEK 5/5 MC NE WS	B.145
1609801044	DEK 5/5 MC NE WS	B.146
1609801044	DEK 5/5 MC NE WS	B.147
1609801044	DEK 5/5 MC NE WS	B.148
1609801044	DEK 5/5 MC NE WS	B.149
1609801044	DEK 5/5 MC NE WS	B.150
1609801044	DEK 5/5 MC NE WS	B.151
1609801044	DEK 5/5 MC NE WS	B.152
1609801044	DEK 5/5 MC NE WS	B.153
1609801044	DEK 5/5 MC NE WS	B.154
1609801044	DEK 5/5 MC NE WS	B.155
1609801044	DEK 5/5 MC NE WS	B.156
1609801044	DEK 5/5 MC NE WS	B.157
1609801044	DEK 5/5 MC NE WS	B.158
1609801044	DEK 5/5 MC NE WS	B.159
1609801044	DEK 5/5 MC NE WS	B.164
1609801044	DEK 5/5 MC NE WS	B.165
1609801044	DEK 5/5 MC NE WS	B.166
1609801044	DEK 5/5 MC NE WS	B.167
1609801044	DEK 5/5 MC NE WS	B.168
1609801044	DEK 5/5 MC NE WS	B.169
1609801044	DEK 5/5 MC NE WS	B.198
1609801044	DEK 5/5 MC NE WS	B.199
1609801044	DEK 5/5 MC NE WS	B.200
1609801044	DEK 5/5 MC NE WS	B.202
1609801044	DEK 5/5 MC NE WS	B.203
1609801044	DEK 5/5 MC NE WS	B.204
1609801044	DEK 5/5 MC NE WS	B.205
1609801044	DEK 5/5 MC NE WS	B.277
1609801044	DEK 5/5 MC NE WS	B.286
1609801044	DEK 5/5 MC NE WS	B.287
1609801044	DEK 5/5 MC NE WS	B.288
1609801044	DEK 5/5 MC NE WS	B.289
1609801044	DEK 5/5 MC NE WS	B.290
1609810000	DEK 5/5 MC SDR	A.196
1609810000	DEK 5/5 MC SDR	A.197
1609820000	DEK 5/6 MC NE WS	A.190
1609820000	DEK 5/6 MC NE WS	A.191
1609820000	DEK 5/6 MC NE WS	A.197

Order No.	Type	Page
1609820000	DEK 5/6 MC NE WS	A.198
1609820000	DEK 5/6 MC NE WS	A.213
1609820000	DEK 5/6 MC NE WS	A.214
1609820000	DEK 5/6 MC NE WS	A.215
1609820000	DEK 5/6 MC NE WS	A.221
1609820000	DEK 5/6 MC NE WS	A.222
1609820000	DEK 5/6 MC NE WS	A.227
1609820000	DEK 5/6 MC NE WS	A.228
1609820000	DEK 5/6 MC NE WS	A.233
1609820000	DEK 5/6 MC NE WS	A.246
1609820000	DEK 5/6 MC NE WS	A.254
1609820000	DEK 5/6 MC NE WS	A.256
1609820000	DEK 5/6 MC NE WS	A.259
1609820000	DEK 5/6 MC NE WS	A.281
1609820000	DEK 5/6 MC NE WS	A.302
1609820000	DEK 5/6 MC NE WS	A.303
1609820000	DEK 5/6 MC NE WS	A.304
1609820000	DEK 5/6 MC NE WS	A.324
1609820000	DEK 5/6 MC NE WS	A.325
1609820000	DEK 5/6 MC NE WS	A.332
1609820000	DEK 5/6 MC NE WS	A.333
1609820000	DEK 5/6 MC NE WS	A.334
1609820000	DEK 5/6 MC NE WS	A.341
1609820000	DEK 5/6 MC NE WS	A.359
1609820000	DEK 5/6 MC NE WS	A.375
1609820000	DEK 5/6 MC NE WS	A.376
1609820000	DEK 5/6 MC NE WS	A.377
1609820000	DEK 5/6 MC NE WS	A.380
1609820000	DEK 5/6 MC NE WS	A.390
1609820000	DEK 5/6 MC NE WS	A.398
1609820000	DEK 5/6 MC NE WS	A.434
1609820000	DEK 5/6 MC NE WS	A.435
1609820000	DEK 5/6 MC NE WS	A.436
1609820000	DEK 5/6 MC NE WS	A.437
1609820000	DEK 5/6 MC NE WS	B.130
1609820000	DEK 5/6 MC NE WS	B.131
1609820000	DEK 5/6 MC NE WS	B.132
1609820000	DEK 5/6 MC NE WS	B.133
1609820000	DEK 5/6 MC NE WS	B.234
1609840000	DEK 5/6.5 MC NE WS	A.378
1609840000	DEK 5/6.5 MC NE WS	A.379
1609860000	WS 12/5 MC NE WS	A.192
1609860000	WS 12/5 MC NE WS	A.204
1609860000	WS 12/5 MC NE WS	A.205
1609860000	WS 12/5 MC NE WS	A.206
1609860000	WS 12/5 MC NE WS	A.207
1609860000	WS 12/5 MC NE WS	A.209
1609860000	WS 12/5 MC NE WS	A.232
1609860000	WS 12/5 MC NE WS	A.265
1609860000	WS 12/5 MC NE WS	A.277
1609860000	WS 12/5 MC NE WS	A.299
1609860000	WS 12/5 MC NE WS	A.300
1609860000	WS 12/5 MC NE WS	A.301
1609860000	WS 12/5 MC NE WS	A.302
1609860000	WS 12/5 MC NE WS	A.310
1609860000	WS 12/5 MC NE WS	A.311
1609860000	WS 12/5 MC NE WS	A.312
1609860000	WS 12/5 MC NE WS	A.315
1609860000	WS 12/5 MC NE WS	A.330
1609860000	WS 12/5 MC NE WS	A.331
1609860000	WS 12/5 MC NE WS	A.332
1609860000	WS 12/5 MC NE WS	A.358
1609860000	WS 12/5 MC NE WS	A.368
1609860000	WS 12/5 MC NE WS	A.369
1609860000	WS 12/5 MC NE WS	A.373
1609860000	WS 12/5 MC NE WS	A.374
1609860000	WS 12/5 MC NE WS	A.375
1609860000	WS 12/5 MC NE WS	A.394
1609860000	WS 12/5 MC NE WS	A.398
1609860000	WS 12/5 MC NE WS	A.434
1609860000	WS 12/5 MC NE WS	A.438
1609860000	WS 12/5 MC NE WS	B.27
1609860000	WS 12/5 MC NE WS	B.29
1609860000	WS 12/5 MC NE WS	B.97
1609860000	WS 12/5 MC NE WS	B.128
1609860000	WS 12/5 MC NE WS	B.198
1609860000	WS 12/5 MC NE WS	B.199
1609860000	WS 12/5 MC NE WS	B.200
1609860000	WS 12/5 MC NE WS	B.277
1609860000	WS 12/5 MC NE WS	B.286
1609870000	WS 12/5 MC SDR	A.396
1609880000	WS 15/5 MC NE WS	A.193
1609880000	WS 15/5 MC NE WS	A.194
1609880000	WS 15/5 MC NE WS	A.225
1609880000	WS 15/5 MC NE WS	A.434
1609880000	WS 15/5 MC NE WS	A.435
1609880000	WS 15/5 MC NE WS	A.436
1609880000	WS 15/5 MC NE WS	A.437
1609900000	WS 12/6 MC NE WS	A.187
1609900000	WS 12/6 MC NE WS	A.191
1609900000	WS 12/6 MC NE WS	A.197
1609900000	WS 12/6 MC NE WS	A.198
1609900000	WS 12/6 MC NE WS	A.221
1609900000	WS 12/6 MC NE WS	A.222
1609900000	WS 12/6 MC NE WS	A.223
1609900000	WS 12/6 MC NE WS	A.224
1609900000	WS 12/6 MC NE WS	A.227
1609900000	WS 12/6 MC NE WS	A.228
1609900000	WS 12/6 MC NE WS	A.246

Order No.	Type	Page
1609900000	WS 12/6 MC NE WS	A.303
1609900000	WS 12/6 MC NE WS	A.304
1609900000	WS 12/6 MC NE WS	A.305
1609900000	WS 12/6 MC NE WS	A.334
1609900000	WS 12/6 MC NE WS	A.347
1609900000	WS 12/6 MC NE WS	A.348
1609900000	WS 12/6 MC NE WS	A.349
1609900000	WS 12/6 MC NE WS	A.359
1609900000	WS 12/6 MC NE WS	A.375
1609900000	WS 12/6 MC NE WS	A.376
1609900000	WS 12/6 MC NE WS	A.377
1609900000	WS 12/6 MC NE WS	B.234
1609900000	WS 12/6 MC NE WS	B.248
1609900000	WS 12/6 MC NE WS	B.249
1609900000	WS 12/6 MC NE WS	B.286
1609900000	WS 12/6 MC NE WS	B.293
1609920000	WS 12/6.5 MC NE WS	A.306
1609920000	WS 12/6.5 MC NE WS	A.307
1609920000	WS 12/6.5 MC NE WS	A.308
1609920000	WS 12/6.5 MC NE WS	A.309
1609920000	WS 12/6.5 MC NE WS	A.310
1609920000	WS 12/6.5 MC NE WS	A.312
1609920000	WS 12/6.5 MC NE WS	A.313
1609920000	WS 12/6.5 MC NE WS	A.314
1609920000	WS 12/6.5 MC NE WS	A.315
1609920000	WS 12/6.5 MC NE WS	A.316
1609920000	WS 12/6.5 MC NE WS	A.319
1609920000	WS 12/6.5 MC NE WS	A.335
1609920000	WS 12/6.5 MC NE WS	A.336
1609920000	WS 12/6.5 MC NE WS	A.337
1609920000	WS 12/6.5 MC NE WS	A.338
1609920000	WS 12/6.5 MC NE WS	A.339
1609920000	WS 12/6.5 MC NE WS	A.350
1609920000	WS 12/6.5 MC NE WS	A.351
1609920000	WS 12/6.5 MC NE WS	A.352
1609920000	WS 12/6.5 MC NE WS	A.353
1609920000	WS 12/6.5 MC NE WS	A.354
1609920000	WS 12/6.5 MC NE WS	A.355
1609920000	WS 12/6.5 MC NE WS	A.440
1609920000	WS 12/6.5 MC NE WS	A.441
1609920000	WS 12/6.5 MC NE WS	A.442
1609920000	WS 12/6.5 MC NE WS	A.443
1609920000	WS 12/6.5 MC NE WS	B.26
1609920000	WS 12/6.5 MC NE WS	B.27
1609920000	WS 12/6.5 MC NE WS	B.28
1609920000	WS 12/6.5 MC NE WS	B.29
1609920000	WS 12/6.5 MC NE WS	B.30
1609920000	WS 12/6.5 MC NE WS	B.32
1609920000	WS 12/6.5 MC NE WS	B.33
1609920000	WS 12/6.5 MC NE WS	B.34
1609920000	WS 12/6.5 MC NE WS	B.35
1609920000	WS 12/6.5 MC NE WS	B.245
1609920000	WS 12/6.5 MC NE WS	B.287
1609920000	WS 12/6.5 MC NE WS	B.288
1609920000	WS 12/6.5 MC NE WS	B.289
1609920000	WS 12/6.5 MC NE WS	B.290

1610000000

Order No.	Type	Page
1610110000	TSTW D 4.3	C.12
1610840000	ZAP TNHE/ZSI2.5	A.235
1610840000	ZAP TNHE/ZSI2.5	A.236
1610840000	ZAP TNHE/ZSI2.5	A.237
1610840000	ZAP TNHE/ZSI2.5	A.238
1610840000	ZAP TNHE/ZSI2.5	A.239
1611930000	ZGB 30	A.267
1611930000	ZGB 30	A.396
1614280000	ZRH 2.5/3	A.293
1614290000	ZRH 2.5/2 GR/V0	A.188
1614290000	ZRH 2.5/2 GR/V0	A.189
1614290000	ZRH 2.5/2 GR/V0	A.220
1614290000	ZRH 2.5/2 GR/V0	A.221
1614290000	ZRH 2.5/2 GR/V0	A.274
1614290000	ZRH 2.5/2 GR/V0	A.275
1614290000	ZRH 2.5/2 GR/V0	A.293
1614290000	ZRH 2.5/2 GR/V0	B.276
1614300000	ZRH 2.5/1 WS	A.188
1614300000	ZRH 2.5/1 WS	A.189
1614300000	ZRH 2.5/1 WS	A.220
1614300000	ZRH 2.5/1 WS	A.221
1614300000	ZRH 2.5/1 WS	A.274
1614300000	ZRH 2.5/1 WS	A.275
1614300000	ZRH 2.5/1 WS	A.293
1614300000	ZRH 2.5/1 WS	B.276
1616400000	ZSI 2.5	A.235
1616410000	ZSI 2.5/LD 250AC	A.237
1616420000	ZSI 2.5/LD 120AC	A.237
1616430000	ZSI 2.5/LD 60AC	A.237
1616440000	ZSI 2.5/LD 28AC	A.237
1616460000	ZSI 2.5/2 500AC	A.238
1616470000	ZSI 2.5/2/LD 28AC	A.239
1616490000	ZSI 2.5/2/LD 120AC	A.239
1616500000	ZSI 2.5/2/LD 250AC	A.239

1620000000

Order No.	Type	Page
1627850000	ZQV 6/2 GE	A.191
1627850000	ZQV 6/2 GE	A.199
1627850000	ZQV 6/2 GE	A.235
1627850000	ZQV 6/2 GE	A.236
1627850000	ZQV 6/2 GE	A.237
1627850000	ZQV 6/2 GE	A.246
1627850000	ZQV 6/2 GE	A.247
1627850000	ZQV 6/2 GE	A.248
1627850000	ZQV 6/2 GE	A.251
1627850000	ZQV 6/2 GE	A.289
1627860000	ZQV 6/3 GE	A.289
1627870000	ZQV 6/4 GE	A.191
1627870000	ZQV 6/4 GE	A.193
1627870000	ZQV 6/4 GE	A.199
1627870000	ZQV 6/4 GE	A.235
1627870000	ZQV 6/4 GE	A.236
1627870000	ZQV 6/4 GE	A.237
1627870000	ZQV 6/4 GE	A.246
1627870000	ZQV 6/4 GE	A.251
1627870000	ZQV 6/4 GE	A.289

1630000000

Order No.	Type	Page
1632050000	ZDU 4	A.190
1632060000	ZDU 4 BL	A.190
1632080000	ZPE 4	A.221
1632090000	ZAP/TW 4	A.190
1632090000	ZAP/TW 4	A.221
1632100000	ZAP/TW 4 BL	A.190
1632130000	ZRH 1.5N/2	A.293
1632130000	ZRH 1.5N/2	B.128
1632130000	ZRH 1.5N/2	B.129
1632140000	ZRH 1.5N/1	A.293
1632140000	ZRH 1.5N/1	B.128
1632140000	ZRH 1.5N/1	B.129
1632290000	WTA 1 WDU1.5	A.301
1632290000	WTA 1 WDU1.5	A.302
1632290000	WTA 1 WDU1.5	A.304
1632290000	WTA 1 WDU1.5	A.422
1632300000	WTA 1/ZA WDU1.5	A.301
1632300000	WTA 1/ZA WDU1.5	A.302
1632300000	WTA 1/ZA WDU1.5	A.304
1632300000	WTA 1/ZA WDU1.5	A.422
1632320000	WTA 2 WDU2.5-10	A.299
1632320000	WTA 2 WDU2.5-10	A.300
1632320000	WTA 2 WDU2.5-10	A.301
1632320000	WTA 2 WDU2.5-10	A.311
1632320000	WTA 2 WDU2.5-10	A.422
1632320000	WTA 2 WDU2.5-10	B.286
1632320000	WTA 2 WDU2.5-10	B.287
1632330000	WTA 2/ZA WDU2.5-10	A.299
1632330000	WTA 2/ZA WDU2.5-10	A.300
1632330000	WTA 2/ZA WDU2.5-10	A.301
1632330000	WTA 2/ZA WDU2.5-10	A.422
1632330000	WTA 2/ZA WDU2.5-10	B.286
1632340000	WTA 2/10 WDU2.5/10	A.422
1632350000	WTA 3 WDU4	A.303
1632350000	WTA 3 WDU4	A.305
1632350000	WTA 3 WDU4	A.306
1632350000	WTA 3 WDU4	A.308
1632350000	WTA 3 WDU4	A.422
1632350000	WTA 3 WDU4	B.286
1632360000	WTA 3/ZA WDU4	A.303
1632360000	WTA 3/ZA WDU4	A.422
1632360000	WTA 3/ZA WDU4	B.286
1632380000	WTA 6 WTR2.5	A.368
1632380000	WTA 6 WTR2.5	A.422
1632390000	WTA 6/ZA WTR2.5	A.422
1633200000	ZQS 2.5/2	A.238
1633200000	ZQS 2.5/2	A.239
1633200000	ZQS 2.5/2	A.288
1633210000	ZQS 2.5/3	A.288
1633220000	ZQS 2.5/4	A.238
1633220000	ZQS 2.5/4	A.239
1633220000	ZQS 2.5/4	A.288
1633230000	ZQS 2.5/5	A.288
1633280000	VQB 1.5/50 BL	A.329
1633280000	VQB 1.5/50 BL	A.380
1633280000	VQB 1.5/50 BL	B.99
1633280000	VQB 1.5/50 BL	B.130
1633280000	VQB 1.5/50 BL	B.131
1633280000	VQB 1.5/50 BL	B.132
1633280000	VQB 1.5/50 BL	B.133
1633290000	VQB 1.5/50 RT	A.329
1633290000	VQB 1.5/50 RT	A.380
1633290000	VQB 1.5/50 RT	B.99
1633290000	VQB 1.5/50 RT	B.130
1633290000	VQB 1.5/50 RT	B.131
1633290000	VQB 1.5/50 RT	B.132
1633290000	VQB 1.5/50 RT	B.133
1635000000	WS 10/5 MC NE WS	A.180
1635000000	WS 10/5 MC NE WS	A.181
1635000000	WS 10/5 MC NE WS	A.182
1635000000	WS 10/5 MC NE WS	A.183
1635000000	WS 10/5 MC NE WS	A.188
1635000000	WS 10/5 MC NE WS	A.189
1635000000	WS 10/5 MC NE WS	A.210
1635000000	WS 10/5 MC NE WS	A.211
1635000000	WS 10/5 MC NE WS	A.212
1635000000	WS 10/5 MC NE WS	A.216
1635000000	WS 10/5 MC NE WS	A.217
1635000000	WS 10/5 MC NE WS	A.218

Order No.	Type	Page
1635000000	WS 10/5 MC NE WS	A.219
1635000000	WS 10/5 MC NE WS	A.220
1635000000	WS 10/5 MC NE WS	A.221
1635000000	WS 10/5 MC NE WS	A.227
1635000000	WS 10/5 MC NE WS	A.235
1635000000	WS 10/5 MC NE WS	A.236
1635000000	WS 10/5 MC NE WS	A.237
1635000000	WS 10/5 MC NE WS	A.238
1635000000	WS 10/5 MC NE WS	A.239
1635000000	WS 10/5 MC NE WS	A.240
1635000000	WS 10/5 MC NE WS	A.242
1635000000	WS 10/5 MC NE WS	A.244
1635000000	WS 10/5 MC NE WS	A.245
1635000000	WS 10/5 MC NE WS	A.250
1635000000	WS 10/5 MC NE WS	A.257
1635000000	WS 10/5 MC NE WS	A.258
1635000000	WS 10/5 MC NE WS	A.262
1635000000	WS 10/5 MC NE WS	A.266
1635000000	WS 10/5 MC NE WS	A.267
1635000000	WS 10/5 MC NE WS	A.274
1635000000	WS 10/5 MC NE WS	A.275
1635000000	WS 10/5 MC NE WS	A.388
1635000000	WS 10/5 MC NE WS	A.389
1635000000	WS 10/5 MC NE WS	B.165
1635000000	WS 10/5 MC NE WS	B.166
1635000000	WS 10/5 MC NE WS	B.167
1635000000	WS 10/5 MC NE WS	B.168
1635000000	WS 10/5 MC NE WS	B.169
1635120000	VQB 1.5/50 SW	A.329
1635120000	VQB 1.5/50 SW	A.380
1635120000	VQB 1.5/50 SW	B.99
1635120000	VQB 1.5/50 SW	B.130
1635120000	VQB 1.5/50 SW	B.131
1635120000	VQB 1.5/50 SW	B.132
1635120000	VQB 1.5/50 SW	B.133
1636560000	WQV 16N/2	A.311
1636560000	WQV 16N/2	A.417
1636560000	WQV 16N/2	B.287
1636570000	WQV 16N/3	A.417
1636580000	WQV 16N/4	A.311
1636580000	WQV 16N/4	A.417
1636580000	WQV 16N/4	B.287
1636640000	ZRH 4/1 WS	A.190
1636640000	ZRH 4/1 WS	A.191
1636640000	ZRH 4/1 WS	A.221
1636640000	ZRH 4/1 WS	A.222
1636640000	ZRH 4/1 WS	A.227
1636640000	ZRH 4/1 WS	A.228
1636640000	ZRH 4/1 WS	A.293

1640000000

Order No.	Type	Page
1640740000	WS 8/5 MC NE WS	A.320
1640740000	WS 8/5 MC NE WS	A.321
1640740000	WS 8/5 MC NE WS	A.322
1640740000	WS 8/5 MC NE WS	A.323
1640740000	WS 8/5 MC NE WS	A.340
1640740000	WS 8/5 MC NE WS	A.378
1640740000	WS 8/5 MC NE WS	A.379
1640740000	WS 8/5 MC NE WS	A.380
1640740000	WS 8/5 MC NE WS	A.382
1640740000	WS 8/5 MC NE WS	A.383
1640740000	WS 8/5 MC NE WS	A.395
1640740000	WS 8/5 MC NE WS	A.400
1640740000	WS 8/5 MC NE WS	A.401
1640740000	WS 8/5 MC NE WS	A.402
1640740000	WS 8/5 MC NE WS	A.403
1640740000	WS 8/5 MC NE WS	B.202
1640740000	WS 8/5 MC NE WS	B.203
1640740000	WS 8/5 MC NE WS	B.204
1640740000	WS 8/5 MC NE WS	B.205
1649300000	ZVL 1.5	B.129
1649540000	ZAP/TW ZIA1.5/3L	B.128
1649550000	ZAP/TW ZIA1.5/4L	B.129

1650000000

Order No.	Type	Page
1650210000	WTA 7 WSI6	A.422
1650340000	ZDU 2.5/2X2AN/D+	A.275
1650350000	ZDU 2.5/2X2AN/D-	A.275
1650360000	ZVL 1.5 BL	B.129
1650370000	ZVL 1.5 BR	B.129
1651970000	ZVL 1.5/PE GN/GE BED	B.129
1651980000	ZIA 1.5/3L-1S	B.128
1651990000	ZIA 1.5/3L-1S/LD-RT	B.128
1652000000	ZIA 1.5/3L-PE	B.128
1652010000	ZIA 1.5/4L-1S	B.129
1652020000	ZIA 1.5/4L-1S/LD	B.129
1652030000	ZIA 1.5/4L-PE	B.129
1654050000	ZTA 3 ZDU6	A.187
1654050000	ZTA 3 ZDU6	A.191
1654050000	ZTA 3 ZDU6	A.223
1654050000	ZTA 3 ZDU6	A.290

1670000000

Order No.	Type	Page
1674300000	ZDK 2.5	A.204
1674650000	ZAP/TW ZPV1.5	B.128
1674730000	ZAP/TW ZDK2.5	A.204

X

Order No.	Type	Page
1674730000	ZAP/TW ZDK2.5	A.205
1674730000	ZAP/TW ZDK2.5	A.232
1674730000	ZAP/TW ZDK2.5	A.277
1674730000	ZAP/TW ZDK2.5	A.278
1674730000	ZAP/TW ZDK2.5	A.279
1674730000	ZAP/TW ZDK2.5	A.280
1674730000	ZAP/TW ZDK2.5	A.281
1675350000	KLBUE 2X2-6	B.258
1676610000	BZT ZVL1.5	B.129
1676620000	BZT ZVL1.5/0.ZA	B.129
1676630000	ZPV 1.5	B.128
1677120000	ZQB 2.5-2	A.180
1677120000	ZQB 2.5-2	A.181
1677120000	ZQB 2.5-2	A.182
1677120000	ZQB 2.5-2	A.197
1677120000	ZQB 2.5-2	A.288
1678630000	ZDK 2.5 BL	A.204
1678680000	ZST	A.295
1678800000	ZRH 1.5H/2	A.196
1678800000	ZRH 1.5H/2	A.197
1678800000	ZRH 1.5H/2	A.200
1678800000	ZRH 1.5H/2	A.201
1678800000	ZRH 1.5H/2	A.204
1678800000	ZRH 1.5H/2	A.205
1678800000	ZRH 1.5H/2	A.206
1678800000	ZRH 1.5H/2	A.207
1678800000	ZRH 1.5H/2	A.209
1678800000	ZRH 1.5H/2	A.210
1678800000	ZRH 1.5H/2	A.211
1678800000	ZRH 1.5H/2	A.212
1678800000	ZRH 1.5H/2	A.216
1678800000	ZRH 1.5H/2	A.217
1678800000	ZRH 1.5H/2	A.226
1678800000	ZRH 1.5H/2	A.227
1678800000	ZRH 1.5H/2	A.230
1678800000	ZRH 1.5H/2	A.231
1678800000	ZRH 1.5H/2	A.232
1678800000	ZRH 1.5H/2	A.233
1678800000	ZRH 1.5H/2	A.234
1678800000	ZRH 1.5H/2	A.293
1678800000	ZRH 1.5H/2	B.97
1678810000	ZRH 1.5H/1	A.196
1678810000	ZRH 1.5H/1	A.197
1678810000	ZRH 1.5H/1	A.200
1678810000	ZRH 1.5H/1	A.201
1678810000	ZRH 1.5H/1	A.204
1678810000	ZRH 1.5H/1	A.205
1678810000	ZRH 1.5H/1	A.206
1678810000	ZRH 1.5H/1	A.207
1678810000	ZRH 1.5H/1	A.209
1678810000	ZRH 1.5H/1	A.210
1678810000	ZRH 1.5H/1	A.211
1678810000	ZRH 1.5H/1	A.212
1678810000	ZRH 1.5H/1	A.216
1678810000	ZRH 1.5H/1	A.217
1678810000	ZRH 1.5H/1	A.226
1678810000	ZRH 1.5H/1	A.227
1678810000	ZRH 1.5H/1	A.230
1678810000	ZRH 1.5H/1	A.231
1678810000	ZRH 1.5H/1	A.232
1678810000	ZRH 1.5H/1	A.233
1678810000	ZRH 1.5H/1	A.234
1678810000	ZRH 1.5H/1	A.293
1678810000	ZRH 1.5H/1	B.97

1680000000

1688110000	ZTA 4	A.196
1688110000	ZTA 4	A.197
1688110000	ZTA 4	A.206
1688110000	ZTA 4	A.207
1688110000	ZTA 4	A.210
1688110000	ZTA 4	A.212
1688110000	ZTA 4	A.226
1688110000	ZTA 4	A.227
1688110000	ZTA 4	A.232
1688110000	ZTA 4	A.233
1688110000	ZTA 4	A.291
1689960000	ZDK 2.5N-DU	A.205
1689970000	ZDK 2.5DU-PE	A.205
1689980000	ZDK 2.5N-PE	A.205
1689990000	ZDK 2.5V	A.204

1690000000

1690000000	ZDK 2.5PE	A.232
1690010000	ZDK 2.5/LD RT/1	A.278
1690020000	ZDK 2.5/D/1	A.279
1690030000	ZDK 2.5/D/2	A.279
1690040000	ZDK 2.5/D/4	A.279
1690050000	ZDK 2.5/D/5	A.280
1690060000	ZDK 2.5/D/6	A.280
1692261001	KLBUE 3-8 SC	B.259
1692590000	ZDU 2.5/2X2AN/LD+	A.274
1692600000	ZDU 2.5/2X2AN/LD-	A.274
1693940000	ZDK 2.5/LD RT/2	A.278
1694140000	ZDK 2.5 OR	A.277
1697540000	ZQV 2.5/50	B.128
1697540000	ZQV 2.5/50	B.129

Order No.	Type	Page
1698110000	ZPE 2.5/4AN WS	B.273
1698110000	ZPE 2.5/4AN WS	B.276
1698160000	ZRV 1.5	A.264
1698170000	ZRV 1.5/PE	A.264
1698180000	AP ZRV1.5 DB	A.264
1698190000	STGH 4 ZRV1.5	A.264
1698200000	STGH 4 ZRV1.5/PE GN	A.264

1700000000

1700530001	MARKO-C. 25X25X25 B/DR.	A.447
1700540001	MARKO-C. 50X50X50 B/DR.	A.447
1704350000	ZDUB 2.5-2/2AN/DM	A.181
1704360000	ZDUB 2.5-2/2AN/DM BL	A.181
1704370000	ZDUB 2.5-2/2AN/DM OR	A.181
1704380000	ZDUB 2.5-2/2AN/DM GE	A.181
1704500000	ZDUB 2.5-2/2AN/DB	A.181
1704530000	ZDUB 2.5-2/2AN/DB GE	A.181
1704540000	ZDUB 2.5-2/4AN/DM	A.181
1704550000	ZDUB 2.5-2/4AN/DM BL	A.181
1704560000	ZDUB 2.5-2/4AN/DM OR	A.181
1704570000	ZDUB 2.5-2/4AN/DM GE	A.181
1704690000	ZDUB 2.5-2/4AN/DB	A.181
1704700000	ZDUB 2.5-2/4AN/DB BL	A.181
1704720000	ZDUB 2.5-2/4AN/DB GE	A.181
1704740000	ZBB ZDUB	A.181
1704750000	ZAP ZDUB	A.180
1704750000	ZAP ZDUB	A.181
1704750000	ZAP ZDUB	A.182
1704750000	ZAP ZDUB	A.219
1704760000	ZAP ZDUB BL	A.180
1704760000	ZAP ZDUB BL	A.181
1704760000	ZAP ZDUB BL	A.182
1704770000	ZAP ZDUB OR	A.180
1704770000	ZAP ZDUB OR	A.181
1704770000	ZAP ZDUB OR	A.182
1705310000	DFFC 0.2-0.35 ZRV1.5	A.264
1705320000	DFFC .5-1.0 ZRV1.5	A.264
1706010000	ZDU 2.5-2/3AN	A.196
1706040000	ZDU 2.5-2/3AN BL	A.196
1706060000	ZDU 2.5-2/4AN	A.197
1706070000	ZDU 2.5-2/4AN BL	A.197
1706090000	ZPE 2.5-2/3AN	A.226
1706100000	ZPE 2.5-2/4AN	A.227
1706110000	ZAP/TW7	A.196
1706110000	ZAP/TW7	A.197
1706110000	ZAP/TW7	A.226
1706110000	ZAP/TW7	A.227
1706110000	ZAP/TW7	A.251
1706110000	ZAP/TW7	A.276
1706110000	ZAP/TW7	A.277
1706120000	ZAP/TW7 BL	A.196
1706120000	ZAP/TW7 BL	A.197

1710000000

1711930000	ZVL 1.5 0.0V	B.129
1712311001	KLBUE 4-13.5 SC	B.259
1712321001	KLBUE 10-20 SC	B.259
1712750000	ZDUB 2.5-2/2AN/15	A.182
1712760000	ZDUB 2.5-2/2AN/15 BL	A.182
1712770000	ZDUB 2.5-2/2AN/15 OR	A.182
1712780000	ZDUB 2.5-2/4AN/15	A.182
1712790000	ZDUB 2.5-2/4AN/15 BL	A.182
1712800000	ZDUB 2.5-2/4AN/15 OR	A.182
1712810000	ZPEB 2.5-2	A.219
1712820000	ZDUB 2.5-2/2AN/RC	A.180
1712830000	ZDUB 2.5-2/2AN/RC BL	A.180
1712970000	ZDUB 2.5-2/4AN/RC	A.180
1712980000	ZDUB 2.5-2/4AN/RC BL	A.180
1713000000	ZDUB 2.5-2/4AN/RC GE	A.180
1715970000	WSH 3/H/N	B.264
1716300000	KLBUE 15-32	B.258
1717740000	WPE 35N	A.337
1717740000	WPE 35N	B.32
1718341001	KLBUE 15-32 SC	B.259
1718550000	WNT 35N 10X3	B.200

1720000000

1720700000	ZVQ 2.5/1.5	A.18
1720700000	ZVQ 2.5/1.5	A.24
1720700000	ZVQ 2.5/1.5	A.25
1720700000	ZVQ 2.5/1.5	A.90
1720700000	ZVQ 2.5/1.5	A.206
1720700000	ZVQ 2.5/1.5	A.207
1720700000	ZVQ 2.5/1.5	A.208
1720700000	ZVQ 2.5/1.5	A.289
1720700000	ZVQ 2.5/1.5	A.389
1720700000	ZVQ 2.5/1.5	B.96
1720920000	ZDUA 2.5-2	A.183
1720930000	ZDUA 2.5-2 BL	A.183
1720940000	ZDUA 2.5-2 OR	A.183
1720950000	ZPEA 2.5-2	A.218
1720960000	ZAP/TW ZDUA	A.183
1720960000	ZAP/TW ZDUA	A.218
1720970000	ZAP/TW ZDUA BL	A.183
1720980000	ZAP/TW ZDUA OR	A.183
1723660000	MOFU 15/35 ZDUB	A.181

Order No.	Type	Page
1723800000	BS 35II KLBUE HOLDER	B.261
1723810000	BS 35II KLBUE3-8	B.261
1723820000	BS 35II/KLBUE 4-13.5	B.261
1724580000	FM 4.2/TS35	C.12

1730000000

1730900000	ZSI 2.5/5X25	A.237
1730940000	WDU 2.5N/600UL	A.302
1739620000	ZDU 35	A.194
1739630000	ZDU 35 BL	A.194
1739650000	ZPE 35	A.225
1739680000	ZQV 10/2	A.192
1739680000	ZQV 10/2	A.289
1739690000	ZQV 16/2	A.193
1739690000	ZQV 16/2	A.289
1739700000	ZQV 35/2	A.194
1739700000	ZQV 35/2	A.289

1740000000

1741090000	SYMBOL-P. 25X25X25 B/DR	A.447
1741100000	SYMBOL-P. 50X50X50 B/DR	A.447
1742630000	BTWZ KLBUE	B.267
1742630000	BTWZ KLBUE	B.268
1742630000	BTWZ KLBUE	B.269
1745150000	ZAP/TW ZDU16	A.193
1745150000	ZAP/TW ZDU16	A.225
1745210000	ZAD 5/5	A.193
1745230000	ZDU 16	A.193
1745240000	ZDU 16 BL	A.193
1745250000	ZPE 16	A.225
1745350000	ZEI 16	A.193
1745400000	ZDTR 2.5	A.252
1745420000	AP ZDTR2.5	A.252
1745880000	ZDK 2.5V BL	A.204
1746730000	ZAD 4/5	A.192
1746750000	ZDU 10	A.192
1746760000	ZDU 10 BL	A.192
1746770000	ZPE 10	A.224
1747350000	TS 35X7.5 2M/CRN	C.10
1748660000	ZAP/TW ZDU10	A.192
1748660000	ZAP/TW ZDU10	A.224
1748800000	ZAP/TW ZDK2.5 BL	A.204
1748800000	ZAP/TW ZDK2.5 BL	A.205
1748800000	ZAP/TW ZDK2.5 BL	A.277
1749151001	KLBUE CO 3	B.257
1749161001	KLBUE CO 4	B.257
1749430000	BS 35II KLBUE3-8/2X2-6	B.261
1749580000	ZAP/TW 10/16	A.192
1749580000	ZAP/TW 10/16	A.193
1749580000	ZAP/TW 10/16	A.224
1749580000	ZAP/TW 10/16	A.225

1750000000

1752131001	KLBUE CO 2	B.257
1752620000	ZAD 6/5	A.194
1752681001	KLBUE 3-8 CPF	B.260
1752691001	KLBUE 4-13.5 CPF	B.260
1752701001	KLBUE 10-20 CPF	B.260
1752711001	KLBUE 15-32 CPF	B.260
1753280000	WDU 1.5/R3.5	A.298
1753290000	WDK 1.5/R3.5	A.320
1753311001	KLBUE CO 1	B.257
1754170000	WDU 1.5/R3.5 BL	A.298
1754190000	WAP WDU1.5/R3.5	A.298
1754190000	WAP WDU1.5/R3.5	A.330
1754200000	WAP WDK1.5/R3.5	A.320
1754210000	ZQV 1.5N/R3.5/2 GE	A.298
1754290000	ZQV 1.5N/R3.5/10 GE	A.298
1754960000	WTL 4	B.234
1754970000	WTL 4/STB	B.234
1755081001	KLBUE CO 5	B.257
1755270000	DEK 5/3.5 MC NE WS	A.186
1755270000	DEK 5/3.5 MC NE WS	A.187
1755270000	DEK 5/3.5 MC NE WS	A.202
1755270000	DEK 5/3.5 MC NE WS	A.203
1755270000	DEK 5/3.5 MC NE WS	A.219
1755270000	DEK 5/3.5 MC NE WS	A.220
1755270000	DEK 5/3.5 MC NE WS	A.232
1755270000	DEK 5/3.5 MC NE WS	A.298
1755270000	DEK 5/3.5 MC NE WS	A.320
1755270000	DEK 5/3.5 MC NE WS	A.330

1760000000

1760720000	BS 35/WSH 2	B.265
1763940000	WTR 2.5/SI	A.358
1763950000	WTR 2.5/SI LD 36V	A.358
1764100000	ZAP/TW ZDU16 BL	A.193
1764110000	ZAP/TW ZDU10 BL	A.192
1764560000	ZAD 1/4-2 GE	A.196
1764560000	ZAD 1/4-2 GE	A.197
1764560000	ZAD 1/4-2 GE	A.210
1764560000	ZAD 1/4-2 GE	A.211
1764560000	ZAD 1/4-2 GE	A.212
1766240000	ZEI 16 BL	A.193

Order No.	Type	Page
1766900000	WTW WTL 6/1 4MM	B.236

1760000000

1767670000	ZPE 10/3AN	A.224
1767690000	ZDU 10/3AN	A.192
1767700000	ZDU 10/3AN BL	A.192
1768000000	ZMAK 2.5	A.209
1768000000	ZMAK 2.5	B.97
1768010000	ZAP ZMAK2.5	A.209
1768010000	ZAP ZMAK2.5	B.97
1768020000	BS 35II KLBUE2X3-8/2X2-6	B.261
1768310000	ZPE 16/3AN	A.225
1768320000	ZDU 16/3AN	A.193
1768330000	ZDU 16/3AN BL	A.193
1768520000	ZAP/TW 10/16 BL	A.192
1768520000	ZAP/TW 10/16 BL	A.193
1768800000	ZDK 2.5 EM	A.277

1770000000

1770360000	ZDU 4-2/3AN	A.197
1770370000	ZDU 4-2/2AN	A.197
1770380000	ZPE 4-2/2AN	A.227
1770390000	ZPE 4-2/3AN	A.227
1770400000	ZAP ZDU4-2	A.197
1770400000	ZAP ZDU4-2	A.198
1770400000	ZAP ZDU4-2	A.227
1770840000	ZDU 4-2/2AN BL	A.197
1770860000	ZDU 4-2/3AN BL	A.197
1770880000	ZAP ZDU4-2 BL	A.197
1770880000	ZAP ZDU4-2 BL	A.198
1771360000	ZPE 6-2/3AN	A.229
1771370000	ZPE 6-2/2AN	A.228
1771380000	ZDU 6-2/2AN	A.199
1771390000	ZDU 6-2/2AN BL	A.199
1771410000	ZDU 6-2/3AN	A.199
1771420000	ZDU 6-2/3AN BL	A.199
1771440000	ZAP ZDU6-2	A.199
1771440000	ZAP ZDU6-2	A.228
1771440000	ZAP ZDU6-2	A.229
1771440000	ZAP ZDU6-2	A.251
1771440000	ZAP ZDU6-2	B.292
1772060000	ZDU 2.5-2	A.196
1772070000	ZDU 2.5-2 BL	A.196
1772090000	ZPE 2.5-2	A.226
1772940000	ZEI 16-2/1AN	A.199
1772950000	ZEI 16-2/1AN BL	A.199
1772960000	ZPE 16-2/1AN	A.229
1772970000	ZAP/Z...16-2/1AN	A.199
1772970000	ZAP/Z...16-2/1AN	A.229
1774670000	WTR 2.5/ZZ O.TNHE	A.369
1775480000	ZDU 1.5	A.186
1775490000	ZDU 1.5 BL	A.186
1775510000	ZPE 1.5	A.219
1775530000	ZDU 1.5/3AN	A.186
1775540000	ZDU 1.5/3AN BL	A.186
1775560000	ZPE 1.5/3AN	A.219
1775580000	ZDU 1.5/4AN	A.187
1775600000	ZDU 1.5/4AN BL	A.187
1775620000	ZPE 1.5/4AN	A.220
1776030000	ZAP/TW ZDU1.5/2AN	A.186
1776030000	ZAP/TW ZDU1.5/2AN	A.219
1776040000	ZAP/TW ZDU1.5/2AN BL	A.186
1776060000	ZAP/TW ZDU1.5/3AN	A.186
1776060000	ZAP/TW ZDU1.5/3AN	A.219
1776070000	ZAP/TW ZDU1.5/3AN BL	A.186
1776090000	ZAP/TW ZDU1.5/4AN	A.187
1776090000	ZAP/TW ZDU1.5/4AN	A.220
1776100000	ZAP/TW ZDU1.5/4AN BL	A.187
1776120000	ZQV 1.5/2	A.186
1776120000	ZQV 1.5/2	A.187
1776120000	ZQV 1.5/2	A.202
1776120000	ZQV 1.5/2	A.203
1776120000	ZQV 1.5/2	A.288
1776130000	ZQV 1.5/3	A.288
1776140000	ZQV 1.5/4	A.288
1776150000	ZQV 1.5/5	A.288
1776200000	ZQV 1.5/10	A.186
1776200000	ZQV 1.5/10	A.187
1776200000	ZQV 1.5/10	A.202
1776200000	ZQV 1.5/10	A.203
1776200000	ZQV 1.5/10	A.288
1778270000	WS 12/3.5 MC NE WS	A.186
1778270000	WS 12/3.5 MC NE WS	A.187
1778270000	WS 12/3.5 MC NE WS	A.219
1778270000	WS 12/3.5 MC NE WS	A.220
1779000000	ZDU 2.5-2/D-	A.277
1779010000	ZTR 2.5-2	A.251
1779100000	TSTW 5/M5 ZN	C.12
1779110000	ZDU 2.5-2/D+	A.276
1779120000	ZTR 2.5-2 BL	A.251

1780000000

1780660000	ZTA 6/ZA	A.197
1780660000	ZTA 6/ZA	A.198

X

Order No.	Type	Page
1780660000	ZTA 6/ZA	A.213
1780660000	ZTA 6/ZA	A.214
1780660000	ZTA 6/ZA	A.215
1780660000	ZTA 6/ZA	A.227
1780660000	ZTA 6/ZA	A.228
1780660000	ZTA 6/ZA	A.233
1780660000	ZTA 6/ZA	A.290
1780670000	ZTA 7/ZA	A.199
1780670000	ZTA 7/ZA	A.228
1780670000	ZTA 7/ZA	A.229
1780670000	ZTA 7/ZA	A.290
1780670000	ZTA 7/ZA	B.292
1780850000	WF 6	A.435
1780860000	WF 8	A.435
1780870000	WF 10	A.436
1780880000	WF 12	A.437
1780890000	WTW WF10/WF12	A.436
1780890000	WTW WF10/WF12	A.437
1780890000	WTW WF10/WF12	A.438
1780890000	WTW WF10/WF12	A.439
1780890000	WTW WF10/WF12	A.446
1780900000	WTW WF8	A.435
1780900000	WTW WF8	A.436
1780900000	WTW WF8	A.446
1780910000	WTW WF8 2300	A.435
1780910000	WTW WF8 2300	A.436
1780910000	WTW WF8 2300	A.438
1780910000	WTW WF8 2300	A.447
1780920000	WTW WF10/WF12 2300	A.436
1780920000	WTW WF10/WF12 2300	A.437
1780920000	WTW WF10/WF12 2300	A.439
1780920000	WTW WF10/WF12 2300	A.447
1780930000	ADP WF6/WF8	A.434
1780930000	ADP WF6/WF8	A.435
1780930000	ADP WF6/WF8	A.436
1780940000	ADP WF10/WF12	A.436
1780940000	ADP WF10/WF12	A.437
1780940000	ADP WF10/WF12	A.438
1780940000	ADP WF10/WF12	A.439
1780970000	WQL 2 WF6	A.435
1780970000	WQL 2 WF6	A.438
1780970000	WQL 2 WF6	A.446
1780980000	WQL 3 WF6	A.435
1780980000	WQL 3 WF6	A.438
1780980000	WQL 3 WF6	A.446
1780990000	WQL 2 WF8	A.435
1780990000	WQL 2 WF8	A.436
1780990000	WQL 2 WF8	A.438
1780990000	WQL 2 WF8	A.446
1781000000	WQL 3 WF8	A.435
1781000000	WQL 3 WF8	A.436
1781000000	WQL 3 WF8	A.438
1781000000	WQL 3 WF8	A.446
1781010000	WQL 2 WF10	A.436
1781010000	WQL 2 WF10	A.437
1781010000	WQL 2 WF10	A.439
1781010000	WQL 2 WF10	A.446
1781020000	WQL 3 WF10	A.436
1781020000	WQL 3 WF10	A.437
1781020000	WQL 3 WF10	A.439
1781020000	WQL 3 WF10	A.446
1781030000	WQL 2 WF12	A.437
1781030000	WQL 2 WF12	A.446
1781040000	WQL 3 WF12	A.437
1781040000	WQL 3 WF12	A.446
1781050000	HA ADP WF6/WF10	A.434
1781050000	HA ADP WF6/WF10	A.435
1781050000	HA ADP WF6/WF10	A.436
1781050000	HA ADP WF6/WF10	A.437
1781050000	HA ADP WF6/WF10	A.438
1781050000	HA ADP WF6/WF10	A.439
1781220000	WTW WF6	A.434
1781220000	WTW WF6	A.435
1781220000	WTW WF6	A.446
1781230000	WTW WF6 2300	A.434
1781230000	WTW WF6 2300	A.435
1781230000	WTW WF6 2300	A.438
1781230000	WTW WF6 2300	A.447
1781240000	WTW WF6-WF12	A.434
1781240000	WTW WF6-WF12	A.435
1781240000	WTW WF6-WF12	A.446
1781940000	ZAD 7/4	A.186
1781940000	ZAD 7/4	A.187
1781940000	ZAD 7/4	A.202
1781940000	ZAD 7/4	A.203
1781950000	ZRH 1.5S/1	A.186
1781950000	ZRH 1.5S/1	A.187
1781950000	ZRH 1.5S/1	A.202
1781950000	ZRH 1.5S/1	A.203
1781950000	ZRH 1.5S/1	A.219
1781950000	ZRH 1.5S/1	A.220
1781950000	ZRH 1.5S/1	A.232
1781950000	ZRH 1.5S/1	A.293
1782300000	ZDLD 2.5-2N	A.206
1782310000	ZDLD 2.5-2N BL	A.206
1782320000	ZDLD 2.5-2VN	A.206
1782330000	ZDLD 2.5-2VN BL	A.206
1782340000	ZAP/TW ZDLD2.5-2N	A.206
1782340000	ZAP/TW ZDLD2.5-2N	A.207

Order No.	Type	Page
1782350000	ZAP/TW ZDLD2.5-2N BL	A.206
1782350000	ZAP/TW ZDLD2.5-2N BL	A.207
1783550000	AP DLI2.5 DB	B.130
1783550000	AP DLI2.5 DB	B.131
1783550000	AP DLI2.5 DB	B.132
1783550000	AP DLI2.5 DB	B.133
1783560000	DLA 2.5 DB	B.132
1783590000	DLA 2.5/D DB	B.132
1783600000	DLA 2.5/LD-RT DB	B.133
1783790000	DLD 2.5/PE DB	B.130
1783800000	AP DLD2.5/PE DB	B.130
1783820000	DLI 2.5 DB	B.131
1783940000	DLI 2.5/LD-GN/NPN -+ DB	B.131
1783950000	DLI 2.5/LD-RT/NPN -+ DB	B.131
1783970000	DLI 2.5/LD-GN/PNP +- DB	B.131
1783980000	DLI 2.5/LD-RT/PNP +- DB	B.131
1784120000	VLI 1.5 DB	A.329
1784120000	VLI 1.5 DB	B.99
1784130000	VLI 1.5/PE DB	A.329
1784130000	VLI 1.5/PE DB	B.99
1784150000	AP VLI1.5 DB	A.329
1784150000	AP VLI1.5 DB	B.99
1784180000	DLD 2.5 DB	B.130
1784460000	WDU 1.5/ZQV/BLZ 5.08	A.396
1789770000	WF 6/2BZ	A.438
1789780000	WF 8/2BZ	A.438
1789790000	WF 10/2BZ	A.439

1790000000

Order No.	Type	Page
1790130000	WF 5	A.434
1790520000	ZDU 4-2/3AN LSC	A.198
1790990000	ZDK 2.5-2	A.210
1791000000	ZDK 2.5-2 BL	A.210
1791010000	ZDK 2.5-2PE	A.233
1791030000	ZDK 2.5-2V	A.210
1791040000	ZDK 2.5-2V BL	A.210
1791050000	ZAP/TW ZDK2.5-2	A.210
1791050000	ZAP/TW ZDK2.5-2	A.233
1791060000	ZAP/TW ZDK2.5-2 BL	A.210
1791100000	ZDK 1.5	A.202
1791110000	ZDK 1.5 BL	A.202
1791120000	ZDK 1.5DU-PE	A.203
1791130000	ZDK 1.5V	A.202
1791140000	ZDK 1.5V BL	A.202
1791150000	ZDK 1.5PE	A.232
1791160000	ZAP/TW ZDK1.5	A.202
1791160000	ZAP/TW ZDK1.5	A.203
1791160000	ZAP/TW ZDK1.5	A.232
1791170000	ZAP/TW ZDK1.5 BL	A.202
1791170000	ZAP/TW ZDK1.5 BL	A.203
1791190000	ZEI 6	A.187
1792000000	WS 10/5 M MC NE WS	A.51
1792000000	WS 10/5 M MC NE WS	A.138
1792000000	WS 10/5 M MC NE WS	A.140
1792000000	WS 10/5 M MC NE WS	A.200
1792000000	WS 10/5 M MC NE WS	A.201
1792000000	WS 10/5 M MC NE WS	A.230
1792000000	WS 10/5 M MC NE WS	A.231
1792000000	WS 10/5 M MC NE WS	B.164
1792000000	WS 10/5 M MC NE WS	B.167
1792010000	WS 10/5 MC M SDR	A.254
1792010000	WS 10/5 MC M SDR	A.255
1798330000	ZDTR 2.5 BL	A.252
1798460000	WPE 1.5/R3.5	A.330
1799470000	ZSI 2.5/QV	A.236

1800000000

Order No.	Type	Page
1802690000	TS 27X12.5M/ST/F.ZN	B.267
1802690000	TS 27X12.5M/ST/F.ZN	B.268
1802690000	TS 27X12.5M/ST/F.ZN	C.9
1802780000	WDU 240	A.316
1802780000	WDU 240	B.30
1802790000	WQB 240/2	A.316
1802790000	WQB 240/2	B.30
1802800000	WQB 240/3	A.316
1802800000	WQB 240/3	B.30
1802810000	WZAD 240	A.316
1802810000	WZAD 240	B.30
1804880000	ZDU 4-2/3AN LSC BL	A.198
1805480000	BZT 2 WS 10/5	A.293
1805490000	BZT 1 WS 10/5	A.293
1805490000	BZT 1 WS 10/5	B.276
1805520000	BZT 1 ZA WS 10/5	A.293
1805520000	BZT 1 ZA WS 10/5	B.276
1805610000	MEW 35/1	C.15
1805880000	SNAPMARK I	A.18
1805880000	SNAPMARK I	A.19
1805880000	SNAPMARK I	A.24
1805880000	SNAPMARK I	A.25
1805880000	SNAPMARK I	A.38
1805880000	SNAPMARK I	A.39
1805880000	SNAPMARK I	A.47
1805880000	SNAPMARK I	A.48
1805880000	SNAPMARK I	A.49
1805880000	SNAPMARK I	A.50
1805880000	SNAPMARK I	A.82
1805880000	SNAPMARK I	A.83
1805880000	SNAPMARK I	A.88
1805880000	SNAPMARK I	A.89
1805880000	SNAPMARK I	A.90
1805880000	SNAPMARK I	A.104
1805880000	SNAPMARK I	A.105
1805880000	SNAPMARK I	A.130
1805880000	SNAPMARK I	A.131
1805880000	SNAPMARK I	A.134
1805880000	SNAPMARK I	A.135
1805880000	SNAPMARK I	A.146
1805880000	SNAPMARK I	A.147
1805880000	SNAPMARK I	A.148
1805880000	SNAPMARK I	A.149
1805880000	SNAPMARK I	A.150
1805880000	SNAPMARK I	A.175
1805880000	SNAPMARK I	A.211
1805880000	SNAPMARK I	A.216
1805880000	SNAPMARK I	A.217
1805880000	SNAPMARK I	A.234
1805880000	SNAPMARK I	B.96
1805940000	ZDKPE 2.5-2	A.212
1805960000	ZAP/TW ZDKPE2.5-2	A.212
1805980000	TS 35X15/6X18 2M/ST/ZN	C.11
1806620000	WQL 2 WF6-10	A.445
1806640000	WQL 3 WF6-10/2	A.445
1806980000	ZDU 4-2/4AN	A.198
1806990000	ZDU 4-2/4AN BL	A.198
1807010000	ZAP ZDU4-2/4AN	A.198
1807010000	ZAP ZDU4-2/4AN	A.228
1807020000	ZAP ZDU4-2/4AN BL	A.198
1807090000	ZPE 4-2/4AN	A.228
1808170000	ZAP/TW ZDUA2.5-2N	A.183
1808170000	ZAP/TW ZDUA2.5-2N	A.218
1808200000	ZDUA 2.5-2N	A.183
1808210000	ZPEA 2.5-2N	A.218
1808980000	WQL 2 WF6-8	A.445

1810000000

Order No.	Type	Page
1812630000	SM 27/8 K MC NE WS	B.267
1812630000	SM 27/8 K MC NE WS	B.268
1812630000	SM 27/8 K MC NE WS	B.269
1812710000	WQL 2 WF5	A.434
1812710000	WQL 2 WF5	A.446
1812740000	WQL 3 WF5	A.434
1812740000	WQL 3 WF5	A.446
1814690000	ZSI 6-2/FC	A.246
1814700000	ZSI 6-2/FC LD	A.246
1814710000	ZAP ZDU6-2 SW	A.240
1814710000	ZAP ZDU6-2 SW	A.242
1814710000	ZAP ZDU6-2 SW	A.244
1814710000	ZAP ZDU6-2 SW	A.245
1814710000	ZAP ZDU6-2 SW	A.246
1815070000	ZT 2.5/2AN/1	A.254
1815080000	ZTPE 2.5/2AN/1	A.257
1815090000	ZT 2.5/3AN/1	A.254
1815100000	ZTPE 2.5/3AN/1	A.257
1815110000	ZT 2.5/4AN/2	A.255
1815120000	ZTPE 2.5/4AN/2	A.258
1815130000	ZT 2.5/4AN/4	A.255
1815140000	ZTPE 2.5/4AN/4	A.258
1815150000	ZDT 2.5/2	A.260
1815160000	ZDT 2.5/2 DU-PE	A.261
1815170000	ZDT 2.5/2 PE	A.262
1815180000	ZP 2.5/1AN/17	A.266
1815190000	ZP 2.5/1AN/QV/1	A.254
1815190000	ZP 2.5/1AN/QV/1	A.255
1815190000	ZP 2.5/1AN/QV/1	A.260
1815190000	ZP 2.5/1AN/QV/1	A.261
1815190000	ZP 2.5/1AN/QV/1	A.267
1815200000	ZP 2.5/1AN/QV/2	A.254
1815200000	ZP 2.5/1AN/QV/2	A.255
1815200000	ZP 2.5/1AN/QV/2	A.260
1815200000	ZP 2.5/1AN/QV/2	A.261
1815200000	ZP 2.5/1AN/QV/2	A.267
1815210000	ZP 2.5/1AN/QV/3	A.254
1815210000	ZP 2.5/1AN/QV/3	A.255
1815210000	ZP 2.5/1AN/QV/3	A.260
1815210000	ZP 2.5/1AN/QV/3	A.261
1815210000	ZP 2.5/1AN/QV/3	A.267
1815220000	ZP 2.5/1AN/QV/4	A.254
1815220000	ZP 2.5/1AN/QV/4	A.255
1815220000	ZP 2.5/1AN/QV/4	A.260
1815220000	ZP 2.5/1AN/QV/4	A.261
1815220000	ZP 2.5/1AN/QV/4	A.267
1815230000	ZP 2.5/1AN/QV/5	A.254
1815230000	ZP 2.5/1AN/QV/5	A.255
1815230000	ZP 2.5/1AN/QV/5	A.260
1815230000	ZP 2.5/1AN/QV/5	A.261
1815230000	ZP 2.5/1AN/QV/5	A.267
1815240000	ZP 2.5/1AN/QV/6	A.254
1815240000	ZP 2.5/1AN/QV/6	A.255
1815240000	ZP 2.5/1AN/QV/6	A.260
1815240000	ZP 2.5/1AN/QV/6	A.261
1815240000	ZP 2.5/1AN/QV/6	A.267
1815250000	ZP 2.5/1AN/QV/7	A.254
1815250000	ZP 2.5/1AN/QV/7	A.255
1815250000	ZP 2.5/1AN/QV/7	A.260
1815250000	ZP 2.5/1AN/QV/7	A.261
1815250000	ZP 2.5/1AN/QV/7	A.267
1815260000	ZP 2.5/1AN/QV/8	A.254
1815260000	ZP 2.5/1AN/QV/8	A.255
1815260000	ZP 2.5/1AN/QV/8	A.260
1815260000	ZP 2.5/1AN/QV/8	A.261
1815260000	ZP 2.5/1AN/QV/8	A.267
1815270000	ZP 2.5/1AN/QV/9	A.254
1815270000	ZP 2.5/1AN/QV/9	A.255
1815270000	ZP 2.5/1AN/QV/9	A.260
1815270000	ZP 2.5/1AN/QV/9	A.261
1815270000	ZP 2.5/1AN/QV/9	A.267
1815280000	ZP 2.5/1AN/QV/10	A.254
1815280000	ZP 2.5/1AN/QV/10	A.255
1815280000	ZP 2.5/1AN/QV/10	A.260
1815280000	ZP 2.5/1AN/QV/10	A.261
1815280000	ZP 2.5/1AN/QV/10	A.267
1815290000	ZP 2.5/1AN/QV/11	A.267
1815300000	ZP 2.5/1AN/QV/12	A.267
1815310000	ZP 2.5/1AN/QV/13	A.267
1815320000	ZP 2.5/1AN/QV/14	A.267
1815330000	ZP 2.5/1AN/QV/15	A.267
1815340000	ZP 2.5/1AN/QV/16	A.267
1815350000	ZP 2.5/1AN/QV/17	A.267
1815430000	ZP 2.5/1AN/1	A.255
1815430000	ZP 2.5/1AN/1	A.266
1815440000	ZP 2.5/1AN/2	A.255
1815440000	ZP 2.5/1AN/2	A.266
1815450000	ZP 2.5/1AN/3	A.255
1815450000	ZP 2.5/1AN/3	A.266
1815500000	ZP 2.5/1AN/4	A.255
1815500000	ZP 2.5/1AN/4	A.266
1815510000	ZP 2.5/1AN/5	A.255
1815510000	ZP 2.5/1AN/5	A.266
1815520000	ZP 2.5/1AN/6	A.255
1815520000	ZP 2.5/1AN/6	A.266
1815530000	ZP 2.5/1AN/7	A.255
1815530000	ZP 2.5/1AN/7	A.266
1815540000	ZP 2.5/1AN/8	A.255
1815540000	ZP 2.5/1AN/8	A.266
1815550000	ZP 2.5/1AN/9	A.255
1815550000	ZP 2.5/1AN/9	A.266
1815560000	ZP 2.5/1AN/10	A.255
1815560000	ZP 2.5/1AN/10	A.266
1815570000	ZP 2.5/1AN/11	A.266
1815580000	ZP 2.5/1AN/12	A.266
1815590000	ZP 2.5/1AN/13	A.266
1815600000	ZP 2.5/1AN/14	A.266
1815610000	ZP 2.5/1AN/15	A.266
1815620000	ZP 2.5/1AN/16	A.266
1815730000	ZP 2.5/2AN/QV/1	A.267
1815740000	ZP 2.5/2AN/QV/2	A.267
1815750000	ZP 2.5/2AN/QV/3	A.267
1815760000	ZP 2.5/2AN/QV/4	A.267
1815770000	ZP 2.5/2AN/QV/5	A.267
1815780000	ZP 2.5/2AN/QV/6	A.267
1815790000	ZP 2.5/2AN/QV/7	A.267
1815800000	ZP 2.5/2AN/QV/8	A.267
1815810000	ZP 2.5/2AN/QV/9	A.267
1815820000	ZP 2.5/2AN/QV/10	A.267
1815830000	ZP 2.5/2AN/QV/11	A.267
1815840000	ZP 2.5/2AN/QV/12	A.267
1815870000	ZP 2.5/2AN/QV/15	A.267
1815880000	ZP 2.5/2AN/QV/16	A.267
1816030000	ZAP/TW ZT2.5/2AN	A.254
1816030000	ZAP/TW ZT2.5/2AN	A.257
1816040000	ZAP/TW ZT2.5/2AN OR	A.254
1816040000	ZAP/TW ZT2.5/2AN OR	A.257
1816050000	ZAP/TW ZT2.5/3AN	A.254
1816050000	ZAP/TW ZT2.5/3AN	A.257
1816070000	ZAP/TW ZT2.5/4AN/2	A.255
1816070000	ZAP/TW ZT2.5/4AN/2	A.258
1816080000	ZAP/TW ZT2.5/4AN/2 OR	A.255
1816080000	ZAP/TW ZT2.5/4AN/2 OR	A.258
1816090000	ZAP/TW ZT2.5/4AN/4	A.255
1816090000	ZAP/TW ZT2.5/4AN/4	A.258
1816110000	ZAP/TW ZDT2.5/2	A.260
1816110000	ZAP/TW ZDT2.5/2	A.261
1816110000	ZAP/TW ZDT2.5/2	A.262
1816130000	ZVR ZP2.5	A.254
1816130000	ZVR ZP2.5	A.255
1816130000	ZVR ZP2.5	A.257
1816130000	ZVR ZP2.5	A.258
1816130000	ZVR ZP2.5	A.260
1816130000	ZVR ZP2.5	A.261
1816130000	ZVR ZP2.5	A.262
1816130000	ZVR ZP2.5	A.271
1816140000	ZZE ZP2.5	A.254
1816140000	ZZE ZP2.5	A.255
1816140000	ZZE ZP2.5	A.257
1816140000	ZZE ZP2.5	A.258
1816140000	ZZE ZP2.5	A.260
1816140000	ZZE ZP2.5	A.261
1816140000	ZZE ZP2.5	A.262
1816140000	ZZE ZP2.5	A.271
1816150000	KOSF ZT2.5	A.254
1816150000	KOSF ZT2.5	A.255
1816150000	KOSF ZT2.5	A.257
1816150000	KOSF ZT2.5	A.258
1816150000	KOSF ZT2.5	A.260

X

Order No.	Type	Page
1816150000	KOSF ZT2.5	A.261
1816150000	KOSF ZT2.5	A.262
1816150000	KOSF ZT2.5	A.271
1818400000	WS 10/6 M MC NE WS	A.139

1820000000

1820550000	WDU 95N/120N	A.315
1820550000	WDU 95N/120N	B.29
1820560000	WDU 95N/120N BL	A.315
1820560000	WDU 95N/120N BL	B.29
1820570000	ZP 2.5/1AN/QV/1 GN	A.267
1820580000	ZP 2.5/1AN/1 GN	A.266
1820590000	ZP 2.5/2AN/QV/1 GN	A.267
1820840000	WDU 50N	A.314
1820840000	WDU 50N	B.27
1820850000	WDU 50N BL	A.314
1820850000	WDU 50N BL	B.27
1820930000	ZSI 6-2 2X2.5/G20	A.244
1820950000	ZSI 6-2 2X2.5/G25	A.245
1822210000	WDU 240 BL	A.316
1822210000	WDU 240 BL	B.30
1826050000	ZSI 2.5-2/2X2AN/G20	A.240
1826200000	ZSI 2.5-2/2X2AN/G25	A.240
1826890000	WQV 95N/120N/2	A.315
1826890000	WQV 95N/120N/2	A.417
1826890000	WQV 95N/120N/2	B.29
1826890000	WQV 95N/120N/2	B.290
1826900000	WQV 95N/120N/3	A.315
1826900000	WQV 95N/120N/3	A.417
1826900000	WQV 95N/120N/3	B.29
1826900000	WQV 95N/120N/3	B.290
1826910000	WQV 95N/120N/4	A.315
1826910000	WQV 95N/120N/4	A.417
1826910000	WQV 95N/120N/4	B.29
1826910000	WQV 95N/120N/4	B.290
1826970000	ZDU 1.5/2X2AN	A.187
1827080000	ZTA ZT2.5	A.200
1827080000	ZTA ZT2.5	A.201
1827080000	ZTA ZT2.5	A.216
1827080000	ZTA ZT2.5	A.217
1827080000	ZTA ZT2.5	A.230
1827080000	ZTA ZT2.5	A.231
1827080000	ZTA ZT2.5	A.234
1827080000	ZTA ZT2.5	A.254
1827080000	ZTA ZT2.5	A.255
1827080000	ZTA ZT2.5	A.257
1827080000	ZTA ZT2.5	A.258
1827080000	ZTA ZT2.5	A.259
1827080000	ZTA ZT2.5	A.260
1827080000	ZTA ZT2.5	A.261
1827080000	ZTA ZT2.5	A.262
1827080000	ZTA ZT2.5	A.266
1827080000	ZTA ZT2.5	A.267
1827080000	ZTA ZT2.5	A.290
1828450000	WS 10/6 MC NE WS	A.190
1828450000	WS 10/6 MC NE WS	A.256
1828450000	WS 10/6 MC NE WS	A.259
1828450000	WS 10/6 MC NE WS	A.268
1828450000	WS 10/6 MC NE WS	A.435
1828450000	WS 10/6 MC NE WS	A.436
1828450000	WS 10/6 MC NE WS	A.437

1830000000

1831280000	ZTR 2.5	A.250
1833090000	TNST	A.120
1833090000	TNST	A.121
1833090000	TNST	A.250
1833090000	TNST	A.251
1833090000	TNST	A.263
1833090000	TNST	A.295
1833090000	TNST	A.374
1833090000	TNST	A.375
1833090000	TNST	A.380
1833090000	TNST	A.382
1833090000	TNST	A.383
1833090000	TNST	B.165
1833090000	TNST	B.166
1833090000	TNST	B.167
1833090000	TNST	B.168
1833090000	TNST	B.169
1833100000	BEST	A.120
1833100000	BEST	A.121
1833100000	BEST	A.250
1833100000	BEST	A.251
1833100000	BEST	A.263
1833100000	BEST	A.295
1833100000	BEST	A.368
1833100000	BEST	A.370
1833100000	BEST	A.371
1833100000	BEST	A.372
1833100000	BEST	A.373
1833100000	BEST	A.374
1833100000	BEST	A.375
1833100000	BEST	A.380
1833100000	BEST	A.382
1833100000	BEST	A.383
1833100000	BEST	A.385
1833100000	BEST	A.386
1833100000	BEST	A.387
1833100000	BEST	B.145
1833100000	BEST	B.146
1833100000	BEST	B.147
1833100000	BEST	B.154
1833100000	BEST	B.156
1833100000	BEST	B.165
1833100000	BEST	B.166
1833100000	BEST	B.167
1833100000	BEST	B.168
1833100000	BEST	B.169
1833100000	BEST	B.190
1833100000	BEST	B.191
1833100000	BEST	B.192
1833100000	BEST	B.193
1833600000	WDK 2.5/TR-DU/O TNHE	A.382
1833640000	WDK 2.5/TR-DU-PE/O TNHE	A.383
1834060000	WQV 50N/2	A.314
1834060000	WQV 50N/2	A.416
1834060000	WQV 50N/2	B.27
1834060000	WQV 50N/2	B.28
1834060000	WQV 50N/2	B.289
1834070000	WQV 50N/3	A.314
1834070000	WQV 50N/3	A.416
1834070000	WQV 50N/3	B.27
1834070000	WQV 50N/3	B.28
1834070000	WQV 50N/3	B.289
1834080000	WQV 50N/4	A.314
1834080000	WQV 50N/4	A.416
1834080000	WQV 50N/4	B.27
1834080000	WQV 50N/4	B.28
1834080000	WQV 50N/4	B.289
1837380000	TS 35X15/5X18 2M/ST/ZN	C.11
1839850000	WAP WDK 2.5N/TR-DU	A.382
1839850000	WAP WDK 2.5N/TR-DU	A.383

1840000000

1846030000	WPE 95N/120N	A.338
1846030000	WPE 95N/120N	B.34
1846040000	WPE 50N	A.337
1846040000	WPE 50N	B.33
1847600000	ZTA ZT2.5/ZA	A.200
1847600000	ZTA ZT2.5/ZA	A.201
1847600000	ZTA ZT2.5/ZA	A.211
1847600000	ZTA ZT2.5/ZA	A.216
1847600000	ZTA ZT2.5/ZA	A.217
1847600000	ZTA ZT2.5/ZA	A.230
1847600000	ZTA ZT2.5/ZA	A.231
1847600000	ZTA ZT2.5/ZA	A.234
1847600000	ZTA ZT2.5/ZA	A.254
1847600000	ZTA ZT2.5/ZA	A.255
1847600000	ZTA ZT2.5/ZA	A.257
1847600000	ZTA ZT2.5/ZA	A.258
1847600000	ZTA ZT2.5/ZA	A.260
1847600000	ZTA ZT2.5/ZA	A.261
1847600000	ZTA ZT2.5/ZA	A.262
1847600000	ZTA ZT2.5/ZA	A.290
1847760000	STB 36.8/IH/GE WTL6/1	B.238
1847760000	STB 36.8/IH/GE WTL6/1	B.239
1847760000	STB 36.8/IH/GE WTL6/1	B.240
1847760000	STB 36.8/IH/GE WTL6/1	B.243
1847760000	STB 36.8/IH/GE WTL6/1	B.244
1847770000	STB 36.8/IH/GN WTL6/1	B.238
1847770000	STB 36.8/IH/GN WTL6/1	B.239
1847770000	STB 36.8/IH/GN WTL6/1	B.240
1847770000	STB 36.8/IH/GN WTL6/1	B.243
1847770000	STB 36.8/IH/GN WTL6/1	B.244
1847780000	STB 36.8/IH/VI WTL6/1	B.238
1847780000	STB 36.8/IH/VI WTL6/1	B.243
1847780000	STB 36.8/IH/VI WTL6/1	B.244
1847790000	STB 36.8/IH/BL WTL6/1	B.238
1847790000	STB 36.8/IH/BL WTL6/1	B.239
1847790000	STB 36.8/IH/BL WTL6/1	B.240
1847790000	STB 36.8/IH/BL WTL6/1	B.243
1847790000	STB 36.8/IH/BL WTL6/1	B.244
1848290000	TS 35X15/2.3 2M/AL/BK	C.11
1848330000	ZTPE 4/4AN/2	A.259
1848340000	ZP 4/1AN/1	A.256
1848340000	ZP 4/1AN/1	A.268
1848350000	ZT 4/4AN/2	A.256
1848360000	ZAP/TW ZT4/4AN/2	A.256
1848360000	ZAP/TW ZT4/4AN/2	A.259
1848480000	FEKO ZRV2.5 1.5-2.5	A.265

1850000000

1854090000	WS 10/15 MC NE WS	A.430
1854490000	DEK 5/5 PLUS MC NE WS	A.8
1854490000	DEK 5/5 PLUS MC NE WS	A.9
1854490000	DEK 5/5 PLUS MC NE WS	A.18
1854490000	DEK 5/5 PLUS MC NE WS	A.19
1854490000	DEK 5/5 PLUS MC NE WS	A.20
1854490000	DEK 5/5 PLUS MC NE WS	A.21
1854490000	DEK 5/5 PLUS MC NE WS	A.22
1854490000	DEK 5/5 PLUS MC NE WS	A.23
1854490000	DEK 5/5 PLUS MC NE WS	A.24
1854490000	DEK 5/5 PLUS MC NE WS	A.25
1854490000	DEK 5/5 PLUS MC NE WS	A.28
1854490000	DEK 5/5 PLUS MC NE WS	A.29
1854490000	DEK 5/5 PLUS MC NE WS	A.30
1854490000	DEK 5/5 PLUS MC NE WS	A.36
1854490000	DEK 5/5 PLUS MC NE WS	A.37
1854490000	DEK 5/5 PLUS MC NE WS	A.38
1854490000	DEK 5/5 PLUS MC NE WS	A.39
1854490000	DEK 5/5 PLUS MC NE WS	A.41
1854490000	DEK 5/5 PLUS MC NE WS	A.42
1854490000	DEK 5/5 PLUS MC NE WS	A.43
1854490000	DEK 5/5 PLUS MC NE WS	A.45
1854490000	DEK 5/5 PLUS MC NE WS	A.46
1854490000	DEK 5/5 PLUS MC NE WS	A.47
1854490000	DEK 5/5 PLUS MC NE WS	A.48
1854490000	DEK 5/5 PLUS MC NE WS	A.49
1854490000	DEK 5/5 PLUS MC NE WS	A.50
1854490000	DEK 5/5 PLUS MC NE WS	A.51
1854490000	DEK 5/5 PLUS MC NE WS	A.59
1854490000	DEK 5/5 PLUS MC NE WS	A.60
1854490000	DEK 5/5 PLUS MC NE WS	A.65
1854490000	DEK 5/5 PLUS MC NE WS	A.66
1854490000	DEK 5/5 PLUS MC NE WS	A.67
1854490000	DEK 5/5 PLUS MC NE WS	A.68
1854490000	DEK 5/5 PLUS MC NE WS	A.69
1854490000	DEK 5/5 PLUS MC NE WS	A.78
1854490000	DEK 5/5 PLUS MC NE WS	A.79
1854490000	DEK 5/5 PLUS MC NE WS	A.80
1854490000	DEK 5/5 PLUS MC NE WS	A.81
1854490000	DEK 5/5 PLUS MC NE WS	A.82
1854490000	DEK 5/5 PLUS MC NE WS	A.83
1854490000	DEK 5/5 PLUS MC NE WS	A.84
1854490000	DEK 5/5 PLUS MC NE WS	A.85
1854490000	DEK 5/5 PLUS MC NE WS	A.88
1854490000	DEK 5/5 PLUS MC NE WS	A.89
1854490000	DEK 5/5 PLUS MC NE WS	A.90
1854490000	DEK 5/5 PLUS MC NE WS	A.93
1854490000	DEK 5/5 PLUS MC NE WS	A.94
1854490000	DEK 5/5 PLUS MC NE WS	A.95
1854490000	DEK 5/5 PLUS MC NE WS	A.97
1854490000	DEK 5/5 PLUS MC NE WS	A.98
1854490000	DEK 5/5 PLUS MC NE WS	A.99
1854490000	DEK 5/5 PLUS MC NE WS	A.100
1854490000	DEK 5/5 PLUS MC NE WS	A.103
1854490000	DEK 5/5 PLUS MC NE WS	A.104
1854490000	DEK 5/5 PLUS MC NE WS	A.105
1854490000	DEK 5/5 PLUS MC NE WS	A.106
1854490000	DEK 5/5 PLUS MC NE WS	A.113
1854490000	DEK 5/5 PLUS MC NE WS	A.114
1854490000	DEK 5/5 PLUS MC NE WS	A.115
1854490000	DEK 5/5 PLUS MC NE WS	A.116
1854490000	DEK 5/5 PLUS MC NE WS	A.117
1854490000	DEK 5/5 PLUS MC NE WS	A.118
1854490000	DEK 5/5 PLUS MC NE WS	A.120
1854490000	DEK 5/5 PLUS MC NE WS	A.127
1854490000	DEK 5/5 PLUS MC NE WS	A.128
1854490000	DEK 5/5 PLUS MC NE WS	A.129
1854490000	DEK 5/5 PLUS MC NE WS	A.130
1854490000	DEK 5/5 PLUS MC NE WS	A.131
1854490000	DEK 5/5 PLUS MC NE WS	A.138
1854490000	DEK 5/5 PLUS MC NE WS	A.140
1854490000	DEK 5/5 PLUS MC NE WS	A.146
1854490000	DEK 5/5 PLUS MC NE WS	A.147
1854490000	DEK 5/5 PLUS MC NE WS	A.148
1854490000	DEK 5/5 PLUS MC NE WS	A.149
1854490000	DEK 5/5 PLUS MC NE WS	A.150
1854490000	DEK 5/5 PLUS MC NE WS	A.160
1854490000	DEK 5/5 PLUS MC NE WS	B.54
1854490000	DEK 5/5 PLUS MC NE WS	B.96
1854490000	DEK 5/5 PLUS MC NE WS	B.110
1854490000	DEK 5/5 PLUS MC NE WS	B.111
1854490000	DEK 5/5 PLUS MC NE WS	B.112
1854490000	DEK 5/5 PLUS MC NE WS	B.113
1854490000	DEK 5/5 PLUS MC NE WS	B.114
1854490000	DEK 5/5 PLUS MC NE WS	B.115
1854490000	DEK 5/5 PLUS MC NE WS	B.116
1854490000	DEK 5/5 PLUS MC NE WS	B.117
1854490000	DEK 5/5 PLUS MC NE WS	B.120
1854490000	DEK 5/5 PLUS MC NE WS	B.178
1854490000	DEK 5/5 PLUS MC NE WS	B.180
1854490000	DEK 5/5 PLUS MC NE WS	B.182
1854490000	DEK 5/5 PLUS MC NE WS	B.184
1854490000	DEK 5/5 PLUS MC NE WS	B.185
1854490000	DEK 5/5 PLUS MC NE WS	B.186
1854490000	DEK 5/5 PLUS MC NE WS	B.187
1854490000	DEK 5/5 PLUS MC NE WS	B.188
1854490000	DEK 5/5 PLUS MC NE WS	B.189
1854490000	DEK 5/5 PLUS MC NE WS	B.190
1854490000	DEK 5/5 PLUS MC NE WS	B.191
1854490000	DEK 5/5 PLUS MC NE WS	B.192
1854490000	DEK 5/5 PLUS MC NE WS	B.193
1854490000	DEK 5/5 PLUS MC NE WS	B.274
1854490000	DEK 5/5 PLUS MC NE WS	B.275
1854490000	DEK 5/5 PLUS MC NE WS	B.278
1854490000	DEK 5/5 PLUS MC NE WS	B.279
1854490000	DEK 5/5 PLUS MC NE WS	B.280
1854490000	DEK 5/5 PLUS MC NE WS	B.285
1854760000	FEKO ZRV2.5 0.5-1	A.265
1854960000	ZT 4/2AN/1	A.256
1854970000	ZTPE 4/2AN/1	A.259
1854980000	ZP 4/1AN/1 GN	A.268
1854990000	ZP 4/1AN/2	A.256
1854990000	ZP 4/1AN/2	A.268
1855000000	ZP 4/1AN/3	A.256
1855000000	ZP 4/1AN/3	A.268
1855010000	ZP 4/1AN/4	A.256
1855010000	ZP 4/1AN/4	A.268
1855020000	ZP 4/1AN/5	A.256
1855020000	ZP 4/1AN/5	A.268
1855030000	ZP 4/1AN/6	A.256
1855030000	ZP 4/1AN/6	A.268
1855040000	ZP 4/1AN/7	A.256
1855040000	ZP 4/1AN/7	A.268
1855050000	ZP 4/1AN/8	A.256
1855050000	ZP 4/1AN/8	A.268
1855060000	ZP 4/1AN/9	A.256
1855060000	ZP 4/1AN/9	A.268
1855070000	ZP 4/1AN/10	A.256
1855070000	ZP 4/1AN/10	A.268
1855090000	ZP 4/1AN/12	A.268
1855110000	ZP 4/1AN/14	A.268
1855220000	ZAP/TW ZT4/2AN	A.256
1855220000	ZAP/TW ZT4/2AN	A.259
1855230000	ZAP/TW ZT4/2AN OR	A.256
1855230000	ZAP/TW ZT4/2AN OR	A.259
1855250000	ZVR ZP4	A.256
1855250000	ZVR ZP4	A.259
1855250000	ZVR ZP4	A.271
1855250000	ZVR ZP4	A.390
1855250000	ZVR ZP4	A.393
1855260000	ZZE ZP4	A.256
1855260000	ZZE ZP4	A.259
1855260000	ZZE ZP4	A.271
1855260000	ZZE ZP4	A.390
1855610000	WTR 2.5	A.368
1855620000	WTR 2.5 STB2.3	A.368
1856740000	DEK 5/8 MC NE WS	A.139
1856740000	DEK 5/8 MC NE WS	A.191
1856740000	DEK 5/8 MC NE WS	A.199
1856740000	DEK 5/8 MC NE WS	A.223
1856740000	DEK 5/8 MC NE WS	A.228
1856740000	DEK 5/8 MC NE WS	A.229
1856740000	DEK 5/8 MC NE WS	A.251
1856740000	DEK 5/8 MC NE WS	A.306
1856740000	DEK 5/8 MC NE WS	A.307
1856740000	DEK 5/8 MC NE WS	A.334
1856740000	DEK 5/8 MC NE WS	A.337
1856740000	DEK 5/8 MC NE WS	A.350
1856740000	DEK 5/8 MC NE WS	A.351
1856740000	DEK 5/8 MC NE WS	A.352
1856740000	DEK 5/8 MC NE WS	A.353
1856740000	DEK 5/8 MC NE WS	A.354
1856740000	DEK 5/8 MC NE WS	A.355
1856740000	DEK 5/8 MC NE WS	A.364
1856740000	DEK 5/8 MC NE WS	A.365
1856740000	DEK 5/8 MC NE WS	B.33
1856740000	DEK 5/8 MC NE WS	B.178
1856740000	DEK 5/8 MC NE WS	B.180
1856740000	DEK 5/8 MC NE WS	B.182
1856740000	DEK 5/8 MC NE WS	B.239
1856740000	DEK 5/8 MC NE WS	B.240
1856740000	DEK 5/8 MC NE WS	B.247
1856860000	KOSF ZT4	A.256
1856860000	KOSF ZT4	A.259
1856860000	KOSF ZT4	A.271
1856860000	KOSF ZT4	A.390
1856860000	KOSF ZT4	A.392
1859200000	WEW 35/2 GR	B.40
1859200000	WEW 35/2 GR	B.41
1859200000	WEW 35/2 GR	B.44
1859200000	WEW 35/2 GR	B.45
1859200000	WEW 35/2 GR	B.48
1859200000	WEW 35/2 GR	B.50
1859200000	WEW 35/2 GR	C.5
1859200000	WEW 35/2 GR	C.15
1859580000	WZAD 95N/120N	A.315
1859580000	WZAD 95N/120N	B.29
1859580000	WZAD 95N/120N	B.290
1859600000	Q WDU6-2.5 SET	A.419
1859610000	Q WDU10-4 SET	A.420
1859620000	Q WDU10-2.5 SET	A.419

1860000000

1861030000	ZAD ZT/ZPS2.5	A.271
1861030000	ZAD ZT/ZPS2.5	A.393
1861040000	ZPS 2.5/1AN/QV/1	A.271
1861050000	ZPS 2.5/1AN/QV/1 GN	A.271
1865410000	RAHE LN WDT1.5	A.378
1865410000	RAHE LN WDT1.5	A.379
1865510000	ZTTR 2.5	A.263
1865520000	ZAP/TW ZTTR2.5	A.263
1865880000	ZPS 2.5/1AN/QV/1	A.267
1865900000	ZPS 2.5/1AN/QV/2	A.267
1865910000	ZPS 2.5/1AN/QV/3	A.267
1865920000	ZPS 2.5/1AN/QV/4	A.267
1865930000	ZPS 2.5/1AN/QV/5	A.267
1865940000	ZPS 2.5/1AN/QV/6	A.267
1865950000	ZPS 2.5/1AN/QV/7	A.267

Order No.	Type	Page
1865960000	ZPS 2.5/1AN/QV/8	A.267
1865970000	ZPS 2.5/1AN/QV/9	A.267
1865980000	ZPS 2.5/1AN/QV/10	A.267
1866000000	ZPS 2.5/1AN/QV/12	A.267
1866020000	ZPS 2.5/1AN/QV/14	A.267
1866030000	ZPS 2.5/1AN/QV/15	A.267
1866040000	ZPS 2.5/1AN/QV/16	A.267
1866070000	GHDE ZPS2.5/1AN	A.271
1866220000	ZZE ZP2.5/4	A.271
1866230000	ZZE ZP2.5/8	A.271
1866240000	ZVLA SC ZPS2.5	A.273
1866260000	ZVLA RC ZPS2.5	A.273
1866290000	TS 35X15/6X25 2M/ST/ZN	C.11
1866760000	REMOVAL TOOL AFK	A.265
1867090000	ZP 2.5/1AN/2 GN/BE	A.266
1867100000	ZP 2.5/1AN/3 GN/BE	A.266
1867110000	ZP 2.5/1AN/4 GN/BE	A.266
1867120000	ZP 2.5/1AN/5 GN/BE	A.266
1867130000	ZP 2.5/1AN/6 GN/BE	A.266
1867140000	ZP 2.5/1AN/7 GN/BE	A.266
1867150000	ZP 2.5/1AN/8 GN/BE	A.266
1867160000	ZP 2.5/1AN/9 GN/BE	A.266
1867170000	ZP 2.5/1AN/10 GN/BE	A.266
1867180000	ZP 2.5/1AN/11 GN/BE	A.266
1867190000	ZP 2.5/1AN/12 GN/BE	A.266
1867200000	ZP 2.5/1AN/13 GN/BE	A.266
1867210000	ZP 2.5/1AN/14 GN/BE	A.266
1867220000	ZP 2.5/1AN/15 GN/BE	A.266
1867240000	ZP 2.5/1AN/17 GN/BE	A.266
1867420000	ZSI 2.5-2/2X2AN/G20/LD3	A.242
1867440000	ZSI 2.5-2/2X2AN/G20/LD1	A.242
1867500000	ZSI 6-2 2X2.5/G20/LD1	A.245
1868870000	ZDU 2.5-2 O.EL	A.276
1868880000	SMSE WF10/2XM6	A.437
1868880000	SMSE WF10/2XM6	A.445

1870000000

1872720000	WZAD 50N	A.314
1872720000	WZAD 50N	B.27
1872720000	WZAD 50N	B.28
1872720000	WZAD 50N	B.289
1875150000	ZP 2.5/1AN	A.270
1875180000	ZP 2.5/1AN GN	A.270
1875190000	ZP 2.5/1AN ZA	A.270
1875200000	ZP 2.5/1AN ZA GN	A.270
1875210000	ZP 2.5/1AN ZA O.RA	A.270
1875220000	ZP 2.5/1AN ZA O.RA GN	A.270
1878560000	BEST/D	A.120
1878560000	BEST/D	A.121
1878560000	BEST/D	A.250
1878560000	BEST/D	A.251
1878560000	BEST/D	A.263
1878560000	BEST/D	A.295
1878560000	BEST/D	A.368
1878560000	BEST/D	A.370
1878560000	BEST/D	A.371
1878560000	BEST/D	A.372
1878560000	BEST/D	A.373
1878560000	BEST/D	A.374
1878560000	BEST/D	A.375
1878560000	BEST/D	A.380
1878560000	BEST/D	A.382
1878560000	BEST/D	A.383
1878560000	BEST/D	A.385
1878560000	BEST/D	A.386
1878560000	BEST/D	A.387
1878560000	BEST/D	B.145
1878560000	BEST/D	B.146
1878560000	BEST/D	B.147
1878560000	BEST/D	B.154
1878560000	BEST/D	B.156
1878560000	BEST/D	B.164
1878560000	BEST/D	B.165
1878560000	BEST/D	B.166
1878560000	BEST/D	B.167
1878560000	BEST/D	B.168
1878560000	BEST/D	B.169
1878560000	BEST/D	B.190
1878560000	BEST/D	B.191
1878560000	BEST/D	B.192
1878560000	BEST/D	B.193
1878570000	BEST/DRBR	A.250
1878570000	BEST/DRBR	A.251
1878570000	BEST/DRBR	A.263
1878570000	BEST/DRBR	A.295
1878570000	BEST/DRBR	A.368
1878570000	BEST/DRBR	A.373
1878570000	BEST/DRBR	A.374
1878570000	BEST/DRBR	A.375
1878570000	BEST/DRBR	A.380
1878570000	BEST/DRBR	A.382
1878570000	BEST/DRBR	A.383
1878570000	BEST/DRBR	B.164
1878570000	BEST/DRBR	B.165
1878570000	BEST/DRBR	B.166
1878570000	BEST/DRBR	B.167
1878570000	BEST/DRBR	B.168
1878570000	BEST/DRBR	B.169
1878570000	BEST/DRBR	B.190
1878570000	BEST/DRBR	B.191
1878570000	BEST/DRBR	B.192
1878570000	BEST/DRBR	B.193
1878600000	ZVLA DF ZPS2.5	A.272
1878620000	ZVR ZPS2.5	A.271
1878620000	ZVR ZPS2.5	A.272
1878660000	WTA 4N WDK 2.5	A.422
1879090000	TS 35X7.5/5X18 2M/ST/SZ	C.10
1879100000	TS 35X15/5X18 2M/ST/SZ	C.11
1879350000	WTA 4N/ZA WDK 2.5	A.422
1879730000	ZSI 2.5-2/2X2AN/G20/LD4	A.242
1879750000	ZSI 6-2 2X2.5/G20/LD4	A.245

1880000000

1880100000	ESG 6/15 K MC NE WS	A.356
1880390000	WSI 4/2/LD 140-250V AC/DC	A.349
1880410000	WSI 4/2/LD 10-36V AC/DC	A.349
1880420000	WSI 4/2/LD 60-150V AC/DC	A.349
1880430000	WSI 4/2	A.349
1880440000	WSI 4/2/LD 30-70V AC/DC	A.349
1880450000	WAP WSI4/2	A.349
1881640000	WAP WTL4/2	B.234
1881650000	WTL 4/2 STB	B.234
1886550000	WSI 4/LD 140-250V AC/DC	A.347
1886560000	WSI 4/LD 30-70V AC/DC	A.347
1886570000	WSI 4/LD 60-150V AC/DC	A.347
1886580000	WSI 4	A.347
1886590000	WSI 4/LD 10-36V AC/DC	A.347

1890000000

1893970000	FEKO ET ZRV2.5 0.5-1	A.265
1893990000	FEKO ET ZRV2.5 1.5-2.5	A.265
1895700000	ZDKPE 2.5-2/N/L/PE	A.212
1898430000	STGH O.ZA/O.R/SW ZRV2.5	A.265
1899170000	M0FU 15/35 ZPS2.5	A.273

1900000000

1904960000	WQL 4 WF8-6/3	A.445
1905060000	WDU 4/ZZ	A.303
1905070000	WAP WDU/WTR4/ZR	A.304
1905070000	WAP WDU/WTR4/ZR	A.333
1905070000	WAP WDU/WTR4/ZR	A.375
1905080000	WTR 4/ZR	A.375
1905090000	WTR 4/ZZ	A.374
1905100000	WTR 4/ZZ STB	A.374
1905110000	WTR 4/ZR STB	A.375
1905120000	WPE 4/ZR	A.333
1905130000	WPE 4/ZZ	A.333
1905140000	WDU 4/ZR	A.304
1905150000	WAP WDU/WTR4/ZZ	A.303
1905150000	WAP WDU/WTR4/ZZ	A.333
1905150000	WAP WDU/WTR4/ZZ	A.374
1905310000	ZDK 2.5-2/LD 24VUC	A.282
1905950000	WS 10/8 PLUS MC NE WS	A.12
1905950000	WS 10/8 PLUS MC NE WS	A.13
1905950000	WS 10/8 PLUS MC NE WS	A.14
1905950000	WS 10/8 PLUS MC NE WS	A.15
1905950000	WS 10/8 PLUS MC NE WS	A.16
1905950000	WS 10/8 PLUS MC NE WS	A.17
1905950000	WS 10/8 PLUS MC NE WS	A.32
1905950000	WS 10/8 PLUS MC NE WS	A.33
1905950000	WS 10/8 PLUS MC NE WS	A.34
1905950000	WS 10/8 PLUS MC NE WS	A.35
1905950000	WS 10/8 PLUS MC NE WS	A.36
1905950000	WS 10/8 PLUS MC NE WS	A.37
1905950000	WS 10/8 PLUS MC NE WS	A.62
1905950000	WS 10/8 PLUS MC NE WS	A.63
1905950000	WS 10/8 PLUS MC NE WS	A.64
1905950000	WS 10/8 PLUS MC NE WS	A.65
1905950000	WS 10/8 PLUS MC NE WS	A.66
1905950000	WS 10/8 PLUS MC NE WS	A.67
1905950000	WS 10/8 PLUS MC NE WS	A.95
1905950000	WS 10/8 PLUS MC NE WS	A.96
1905950000	WS 10/8 PLUS MC NE WS	A.97
1905950000	WS 10/8 PLUS MC NE WS	A.98
1905950000	WS 10/8 PLUS MC NE WS	A.136
1905950000	WS 10/8 PLUS MC NE WS	A.429
1905950000	WS 10/8 PLUS MC NE WS	B.104
1905950000	WS 10/8 PLUS MC NE WS	B.105
1905950000	WS 10/8 PLUS MC NE WS	B.106
1905950000	WS 10/8 PLUS MC NE WS	B.107
1905950000	WS 10/8 PLUS MC NE WS	B.110
1905950000	WS 10/8 PLUS MC NE WS	B.111
1905950000	WS 10/8 PLUS MC NE WS	B.112
1905950000	WS 10/8 PLUS MC NE WS	B.116
1905950000	WS 10/8 PLUS MC NE WS	B.117
1905950000	WS 10/8 PLUS MC NE WS	B.120
1905950000	WS 10/8 PLUS MC NE WS	B.275
1905950000	WS 10/8 PLUS MC NE WS	B.281
1905970000	WS 10/12 MC NE WS	A.311
1905970000	WS 10/12 MC NE WS	B.287
1906000000	WS 12/8 PLUS MC NE WS	A.306
1906000000	WS 12/8 PLUS MC NE WS	B.239
1906000000	WS 12/8 PLUS MC NE WS	B.240
1906000000	WS 12/8 PLUS MC NE WS	B.247
1906960000	ZRV 2.5/1	A.265
1906970000	ZRV 2.5/2	A.265
1906980000	AP ZRV2.5	A.265
1907000000	STGH ZRV2.5	A.265
1907010000	STGH O.ZA ZRV2.5	A.265
1907520000	DEK 5/5 PLUS MC NE GE	A.232
1908560000	BA RC ZPS2.5	A.273
1908960000	ZQV 2.5/20	A.288
1908990000	ZQV 6/24 GE	A.289
1909010000	ZQV 4/20 GE	A.288

1910000000

1915450000	WTA 8 TN	A.423
1915450000	WTA 8 TN	B.234
1915480000	WTA 8 KO-TN	A.423

1920000000

1924460000	ZDK 2.5/3AN DU-PE	A.217
1924470000	ZDK 2.5/3AN PE	A.234
1924480000	ZDK 2.5/3AN V BL	A.216
1924490000	ZDK 2.5/3AN V	A.216
1924500000	ZDK 2.5/3AN BL	A.216
1924510000	ZDK 2.5/3AN	A.216
1924910000	ZAP/TW ZDK 2.5/3AN	A.216
1924910000	ZAP/TW ZDK 2.5/3AN	A.217
1924910000	ZAP/TW ZDK 2.5/3AN	A.234
1925030000	WTL 35/2STB	B.249
1925040000	WEW WTL 35	B.248
1925040000	WEW WTL 35	B.249
1925050000	WTL 35/1STB/WQV	B.249
1925060000	WTL 35/1STB	B.249
1925070000	WQS 2/16/5	B.248
1925070000	WQS 2/16/5	B.249

1930000000

1933700000	ZDU 2.5N	A.200
1933710000	ZDU 2.5N BL	A.200
1933720000	ZDU 2.5N/3AN	A.200
1933730000	ZDU 2.5N/3AN BL	A.200
1933740000	ZDU 2.5N/4AN	A.201
1933750000	ZDU 2.5N/4AN BL	A.201
1933760000	ZPE 2.5N	A.230
1933770000	ZPE 2.5N/3AN	A.230
1933780000	ZPE 2.5N/4AN	A.231
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.200
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.230
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.200
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.230
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.201
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.231
1934160000	ZAD 9/4	A.200
1934160000	ZAD 9/4	A.201
1934160000	ZAD 9/4	A.216
1934160000	ZAD 9/4	A.217
1934160000	ZAD 9/4	A.232
1934790000	WTQ 6/1 EN	B.240
1934800000	WTQ 6/1 EN STB	B.240
1934810000	WTL 6/1 EN	B.238
1934810000	WTL 6/1 EN	B.239
1934820000	WTL 6/1 EN STB	B.239
1934830000	WTD 6/1 EN	B.238
1934830000	WTD 6/1 EN	B.239
1936140000	WKS 2/2	B.238
1936140000	WKS 2/2	B.239
1936140000	WKS 2/2	B.240
1936140000	WKS 2/2	B.243
1936150000	WKS 2/3	B.239
1936150000	WKS 2/3	B.240
1936150000	WKS 2/3	B.243
1936150000	WKS 2/3	B.244
1936160000	WKS 2/4	B.239
1936160000	WKS 2/4	B.240
1936240000	STB 21.6/45 GE	B.238
1936240000	STB 21.6/45 GE	B.239
1936240000	STB 21.6/45 GE	B.240
1936240000	STB 21.6/45 GE	B.243
1936240000	STB 21.6/45 GE	B.244
1936250000	STB 21.6/45 GN	B.238
1936250000	STB 21.6/45 GN	B.239
1936250000	STB 21.6/45 GN	B.240
1936250000	STB 21.6/45 GN	B.243
1936250000	STB 21.6/45 GN	B.244
1936260000	STB 21.6/45 VI	B.238
1936260000	STB 21.6/45 VI	B.243
1936260000	STB 21.6/45 VI	B.244
1936270000	STB 21.6/45 SW	B.238
1936270000	STB 21.6/45 SW	B.243
1936270000	STB 21.6/45 SW	B.244
1936280000	STB 21.6/45 GR	B.243
1936290000	STB 21.6/45 BL	B.239
1936290000	STB 21.6/45 BL	B.240
1936290000	STB 21.6/45 BL	B.243
1936300000	STB 21.6/45 RT	B.243
1938790000	STB 21.6/45 DB	B.243

1940000000

1943600000	BLZP 5.08HC/04/180 SN OR BX	A.396
1943600000	BLZP 5.08HC/04/180 SN OR BX	A.397
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.396
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.397
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.396
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.397
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.396
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.397
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.396
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.397
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.396
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.397
1948000000	BLZP 5.08HC/02/90 SN OR BX	B.170
1948010000	BLZP 5.08HC/03/90 SN OR BX	B.170
1948020000	BLZP 5.08HC/04/90 SN OR BX	B.170
1948030000	BLZP 5.08HC/05/90 SN OR BX	B.170
1948040000	BLZP 5.08HC/06/90 SN OR BX	B.170
1948050000	BLZP 5.08HC/07/90 SN OR BX	B.170
1948060000	BLZP 5.08HC/08/90 SN OR BX	B.170
1948070000	BLZP 5.08HC/09/90 SN OR BX	B.170
1948080000	BLZP 5.08HC/10/90 SN OR BX	B.170
1948100000	BLZP 5.08HC/11/90 SN OR BX	B.170
1948110000	BLZP 5.08HC/12/90 SN OR BX	B.170
1949800000	BLZP 5.08HC/02/90F SN OR BX	B.171
1949810000	BLZP 5.08HC/03/90F SN OR BX	B.171
1949820000	BLZP 5.08HC/04/90F SN OR BX	B.171
1949830000	BLZP 5.08HC/05/90F SN OR BX	B.171
1949840000	BLZP 5.08HC/06/90F SN OR BX	B.171
1949850000	BLZP 5.08HC/07/90F SN OR BX	B.171
1949860000	BLZP 5.08HC/08/90F SN OR BX	B.171
1949870000	BLZP 5.08HC/09/90F SN OR BX	B.171
1949880000	BLZP 5.08HC/10/90F SN OR BX	B.171
1949890000	BLZP 5.08HC/11/90F SN OR BX	B.171
1949900000	BLZP 5.08HC/12/90F SN OR BX	B.171

1950000000

1951880000	WS 8/6 PLUS MC NE WS	A.324
1951880000	WS 8/6 PLUS MC NE WS	A.325
1951880000	WS 8/6 PLUS MC NE WS	B.179
1951880000	WS 8/6 PLUS MC NE WS	B.183
1951880000	WS 8/6 PLUS MC NE WS	B.188
1951880000	WS 8/6 PLUS MC NE WS	B.189
1957710000	WAP WTL6/1 EN	B.238
1957710000	WAP WTL6/1 EN	B.239
1957710000	WAP WTL6/1 EN	B.240

1960000000

1964820000	BFEL + BEMU WEW WTL 35	B.248
1964820000	BFEL + BEMU WEW WTL 35	B.249
1964830000	WZAD 70N	A.315
1964830000	WZAD 70N	B.28
1964830000	WZAD 70N	B.29
1964830000	WZAD 70N	B.290
1966020000	WSI 25/1 10X38	A.356
1966030000	WSI 25/3 CC	A.356
1966040000	WSI 25/2 CC	A.356
1966050000	WSI 25/1 CC	A.356
1966060000	WSI 25/1 10X38/LED 690V	A.356
1966070000	WSI 25/1 CC/LED	A.356
1966080000	WSI 25/3 10X38	A.356
1966090000	WSI 25/2 10X38	A.356
1968940000	WF 12 NFF	A.437
1968950000	WF 10 NFF	A.437
1968960000	WF 8 NFF	A.436
1968990000	WF 5 NFF	A.434
1969000000	WF 6 NFF	A.435

1970000000

1972980000	ZP 2.5/1AN ZA O.RA BL	A.270

1980000000

1985410000	ZQV 1.5N/2	A.6
1985410000	ZQV 1.5N/2	A.7
1985410000	ZQV 1.5N/2	A.58
1985410000	ZQV 1.5N/2	A.59
1985410000	ZQV 1.5N/2	A.64
1985410000	ZQV 1.5N/2	A.67
1985410000	ZQV 1.5N/2	A.76
1985410000	ZQV 1.5N/2	A.77
1985410000	ZQV 1.5N/2	A.86
1985410000	ZQV 1.5N/2	A.87
1985410000	ZQV 1.5N/2	A.112
1985410000	ZQV 1.5N/2	A.113
1985410000	ZQV 1.5N/2	A.122
1985410000	ZQV 1.5N/2	A.123
1985410000	ZQV 1.5N/2	A.124
1985410000	ZQV 1.5N/2	A.125
1985410000	ZQV 1.5N/2	A.126
1985410000	ZQV 1.5N/2	A.168
1985410000	ZQV 1.5N/2	A.320
1985410000	ZQV 1.5N/2	B.54
1985410000	ZQV 1.5N/2	B.207
1985410000	ZQV 1.5N/2	B.285

X

Order No.	Type	Page
1985480000	ZQV 1.5N/3	A.168
1985490000	ZQV 1.5N/4	A.168
1985500000	ZQV 1.5N/5	A.168
1985510000	ZQV 1.5N/6	A.168
1985520000	ZQV 1.5N/7	A.168
1985530000	ZQV 1.5N/2 BL	A.168
1985530000	ZQV 1.5N/2 BL	B.104
1985530000	ZQV 1.5N/2 BL	B.105
1985530000	ZQV 1.5N/2 BL	B.106
1985530000	ZQV 1.5N/2 BL	B.107
1985530000	ZQV 1.5N/2 BL	B.124
1985530000	ZQV 1.5N/2 BL	B.125
1985540000	ZQV 1.5N/8	A.168
1985550000	ZQV 1.5N/3 BL	A.168
1985560000	ZQV 1.5N/9	A.168
1985570000	ZQV 1.5N/4 BL	A.168
1985580000	ZQV 1.5N/10	A.6
1985580000	ZQV 1.5N/10	A.7
1985580000	ZQV 1.5N/10	A.58
1985580000	ZQV 1.5N/10	A.59
1985580000	ZQV 1.5N/10	A.64
1985580000	ZQV 1.5N/10	A.67
1985580000	ZQV 1.5N/10	A.76
1985580000	ZQV 1.5N/10	A.77
1985580000	ZQV 1.5N/10	A.86
1985580000	ZQV 1.5N/10	A.87
1985580000	ZQV 1.5N/10	A.112
1985580000	ZQV 1.5N/10	A.113
1985580000	ZQV 1.5N/10	A.122
1985580000	ZQV 1.5N/10	A.123
1985580000	ZQV 1.5N/10	A.124
1985580000	ZQV 1.5N/10	A.125
1985580000	ZQV 1.5N/10	A.126
1985580000	ZQV 1.5N/10	A.168
1985580000	ZQV 1.5N/10	A.320
1985580000	ZQV 1.5N/10	B.54
1985580000	ZQV 1.5N/10	B.207
1985580000	ZQV 1.5N/10	B.285
1985590000	ZQV 1.5N/5 BL	A.168
1985600000	ZQV 1.5N/20	A.168
1985610000	ZQV 1.5N/6 BL	A.168
1985620000	ZQV 1.5N/50	A.168
1985630000	ZQV 1.5N/7 BL	A.168
1985640000	ZQV 1.5N/8 BL	A.168
1985650000	ZQV 1.5N/2 RD	A.168
1985650000	ZQV 1.5N/2 RD	B.104
1985650000	ZQV 1.5N/2 RD	B.105
1985650000	ZQV 1.5N/2 RD	B.106
1985650000	ZQV 1.5N/2 RD	B.107
1985650000	ZQV 1.5N/2 RD	B.108
1985650000	ZQV 1.5N/2 RD	B.109
1985650000	ZQV 1.5N/2 RD	B.124
1985650000	ZQV 1.5N/2 RD	B.125
1985660000	ZQV 1.5N/9 BL	A.168
1985670000	ZQV 1.5N/3 RD	A.168
1985680000	ZQV 1.5N/10 BL	A.168
1985680000	ZQV 1.5N/10 BL	B.104
1985680000	ZQV 1.5N/10 BL	B.105
1985680000	ZQV 1.5N/10 BL	B.106
1985680000	ZQV 1.5N/10 BL	B.107
1985680000	ZQV 1.5N/10 BL	B.124
1985680000	ZQV 1.5N/10 BL	B.125
1985690000	ZQV 1.5N/4 RD	A.168
1985700000	ZQV 1.5N/20 BL	A.168
1985710000	ZQV 1.5N/5 RD	A.168
1985720000	ZQV 1.5N/50 BL	A.168
1985730000	ZQV 1.5N/6 RD	A.168
1985740000	ZQV 6N/2	A.12
1985740000	ZQV 6N/2	A.13
1985740000	ZQV 6N/2	A.62
1985740000	ZQV 6N/2	A.63
1985740000	ZQV 6N/2	A.67
1985740000	ZQV 6N/2	A.169
1985740000	ZQV 6N/2	B.54
1985740000	ZQV 6N/2	B.178
1985740000	ZQV 6N/2	B.281
1985740000	ZQV 6N/2	B.285
1985750000	ZQV 1.5N/7 RD	A.168
1985760000	ZQV 6N/3	A.12
1985760000	ZQV 6N/3	A.13
1985760000	ZQV 6N/3	A.62
1985760000	ZQV 6N/3	A.63
1985760000	ZQV 6N/3	A.169
1985760000	ZQV 6N/3	B.281
1985770000	ZQV 1.5N/8 RD	A.168
1985780000	ZQV 6N/4	A.12
1985780000	ZQV 6N/4	A.13
1985780000	ZQV 6N/4	A.62
1985780000	ZQV 6N/4	A.63
1985780000	ZQV 6N/4	A.169
1985780000	ZQV 6N/4	B.54
1985780000	ZQV 6N/4	B.223
1985780000	ZQV 6N/4	B.281
1985780000	ZQV 6N/4	B.285
1985790000	ZQV 1.5N/9 RD	A.168
1985800000	ZQV 1.5N/10 RD	A.168
1985800000	ZQV 1.5N/10 RD	B.104
1985800000	ZQV 1.5N/10 RD	B.105
1985800000	ZQV 1.5N/10 RD	B.106
1985800000	ZQV 1.5N/10 RD	B.107
1985800000	ZQV 1.5N/10 RD	B.108
1985800000	ZQV 1.5N/10 RD	B.109
1985800000	ZQV 1.5N/10 RD	B.124
1985800000	ZQV 1.5N/10 RD	B.125
1985810000	ZQV 1.5N/20 RD	A.168
1985820000	ZQV 1.5N/50 RD	A.168
1985830000	ZQV 6N/2 BL	A.169
1985830000	ZQV 6N/2 BL	B.182
1985840000	ZQV 6N/3 BL	A.169
1985850000	ZQV 6N/4 BL	A.169
1988100000	AAP12 2.5 LI BL	B.111
1988130000	AAP11 6 LO BL	B.104
1988140000	AAP11 6 FE	B.104
1988160000	AAP11 1.5 LI RD	B.105
1988170000	AAP11 1.5 LI BL	B.105
1988180000	AAP12 10 LO BL	B.110
1988190000	AAP12 10 LO RD	B.110
1988200000	AAP12 10 FE	B.110
1988230000	AAP14 2.5 LI-LI	B.113
1988240000	AAP14 10 FE-LO	B.112
1988250000	AAP14 10 LO-LO	B.112
1988260000	AAP13 6 LO-LO	B.106
1988270000	AAP13 6 FE-LO	B.106
1988280000	AAP13 1.5 LI-LI	B.107
1988290000	AAP12 2.5 LI RD	B.111
1988300000	AEP AP12	B.110
1988300000	AEP AP12	B.111
1988320000	AEP AP11	B.104
1988320000	AEP AP11	B.105
1988340000	AEP AP14	B.112
1988340000	AEP AP14	B.113
1989780000	AAP11 6 LO RD	B.104
1989800000	ADT 2.5 2C	A.106
1989800000	ADT 2.5 2C	A.113
1989800000	ADT 2.5 2C	A.163
1989810000	ADT 2.5 2C BL	A.113
1989830000	ADT 2.5 3C	A.115
1989830000	ADT 2.5 3C	A.163
1989840000	ADT 2.5 3C BL	A.115
1989860000	ADT 2.5 4C	A.115
1989860000	ADT 2.5 4C	A.163
1989870000	ADT 2.5 4C BL	A.115
1989890000	A2C 2.5 PE/DT/FS	A.106
1989890000	A2C 2.5 PE/DT/FS	A.114
1989890000	A2C 2.5 PE/DT/FS	A.163
1989900000	A2C 2.5 /DT/FS	A.106
1989900000	A2C 2.5 /DT/FS	A.114
1989900000	A2C 2.5 /DT/FS	A.163
1989910000	A2C 2.5 /DT/FS BL	A.114
1989930000	ADT 2.5 2C W/O DTLV	A.113
1989940000	ADT 2.5 3C W/O DTLV	A.115
1989950000	ADT 2.5 4C W/O DTLV	A.116
1989970000	AEP DT 2.5 3C	A.115
1989980000	AEP DT 2.5 4C	A.115
1989980000	AEP DT 2.5 4C	A.116

1990000000

1990140000	AEP AP13	B.106
1990140000	AEP AP13	B.107
1991780000	ALO 6	A.64
1991790000	A2C 6 BL	A.62
1991790000	A2C 6 BL	A.176
1991800000	A2C 6 OR	A.176
1991810000	A2C 6 PE	A.95
1991810000	A2C 6 PE	A.163
1991820000	A3C 6	A.62
1991820000	A3C 6	A.163
1991820000	A3C 6	A.176
1991830000	A3C 6 BL	A.62
1991830000	A3C 6 BL	A.176
1991840000	A3C 6 OR	A.176
1991850000	A3C 6 PE	A.96
1991850000	A3C 6 PE	A.163
1991860000	ATPG 4 MI-R	A.10
1991860000	ATPG 4 MI-R	A.11
1991860000	ATPG 4 MI-R	A.30
1991860000	ATPG 4 MI-R	A.31
1991860000	ATPG 4 MI-R	A.44
1991860000	ATPG 4 MI-R	A.60
1991860000	ATPG 4 MI-R	A.61
1991860000	ATPG 4 MI-R	A.70
1991860000	ATPG 4 MI-R	A.71
1991860000	ATPG 4 MI-R	A.82
1991860000	ATPG 4 MI-R	A.83
1991860000	ATPG 4 MI-R	A.94
1991860000	ATPG 4 MI-R	A.95
1991860000	ATPG 4 MI-R	A.99
1991860000	ATPG 4 MI-R	A.100
1991860000	ATPG 4 MI-R	A.104
1991860000	ATPG 4 MI-R	A.116
1991860000	ATPG 4 MI-R	A.118
1991860000	ATPG 4 MI-R	A.119
1991860000	ATPG 4 MI-R	A.121
1991860000	ATPG 4 MI-R	A.173
1991860000	ATPG 4 MI-R	B.188
1991860000	ATPG 4 MI-R	B.189
1991860000	ATPG 4 MI-R	B.275
1991860000	ATPG 4 MI-R	B.279
1991860000	ATPG 4 MI-R	B.280
1991870000	ATPG 10 MI-R	A.16
1991870000	ATPG 10 MI-R	A.17
1991870000	ATPG 10 MI-R	A.65
1991870000	ATPG 10 MI-R	A.173
1991880000	ATPG 1.5 MI-R	A.58
1991880000	ATPG 1.5 MI-R	A.59
1991880000	ATPG 1.5 MI-R	A.76
1991880000	ATPG 1.5 MI-R	A.77
1991880000	ATPG 1.5 MI-R	A.86
1991880000	ATPG 1.5 MI-R	A.87
1991880000	ATPG 1.5 MI-R	A.92
1991880000	ATPG 1.5 MI-R	A.93
1991880000	ATPG 1.5 MI-R	A.102
1991880000	ATPG 1.5 MI-R	A.105
1991880000	ATPG 1.5 MI-R	A.112
1991880000	ATPG 1.5 MI-R	A.113
1991880000	ATPG 1.5 MI-R	A.173
1991880000	ATPG 1.5 MI-R	B.124
1991880000	ATPG 1.5 MI-R	B.125
1991880000	ATPG 1.5 MI-R	B.207
1991890000	ATPG 1.5-10 L	A.6
1991890000	ATPG 1.5-10 L	A.7
1991890000	ATPG 1.5-10 L	A.8
1991890000	ATPG 1.5-10 L	A.9
1991890000	ATPG 1.5-10 L	A.10
1991890000	ATPG 1.5-10 L	A.11
1991890000	ATPG 1.5-10 L	A.12
1991890000	ATPG 1.5-10 L	A.13
1991890000	ATPG 1.5-10 L	A.14
1991890000	ATPG 1.5-10 L	A.15
1991890000	ATPG 1.5-10 L	A.18
1991890000	ATPG 1.5-10 L	A.19
1991890000	ATPG 1.5-10 L	A.20
1991890000	ATPG 1.5-10 L	A.21
1991890000	ATPG 1.5-10 L	A.22
1991890000	ATPG 1.5-10 L	A.23
1991890000	ATPG 1.5-10 L	A.24
1991890000	ATPG 1.5-10 L	A.25
1991890000	ATPG 1.5-10 L	A.26
1991890000	ATPG 1.5-10 L	A.27
1991890000	ATPG 1.5-10 L	A.28
1991890000	ATPG 1.5-10 L	A.29
1991890000	ATPG 1.5-10 L	A.30
1991890000	ATPG 1.5-10 L	A.31
1991890000	ATPG 1.5-10 L	A.32
1991890000	ATPG 1.5-10 L	A.33
1991890000	ATPG 1.5-10 L	A.34
1991890000	ATPG 1.5-10 L	A.35
1991890000	ATPG 1.5-10 L	A.36
1991890000	ATPG 1.5-10 L	A.37
1991890000	ATPG 1.5-10 L	A.38
1991890000	ATPG 1.5-10 L	A.39
1991890000	ATPG 1.5-10 L	A.41
1991890000	ATPG 1.5-10 L	A.42
1991890000	ATPG 1.5-10 L	A.43
1991890000	ATPG 1.5-10 L	A.44
1991890000	ATPG 1.5-10 L	A.58
1991890000	ATPG 1.5-10 L	A.59
1991890000	ATPG 1.5-10 L	A.60
1991890000	ATPG 1.5-10 L	A.61
1991890000	ATPG 1.5-10 L	A.62
1991890000	ATPG 1.5-10 L	A.63
1991890000	ATPG 1.5-10 L	A.64
1991890000	ATPG 1.5-10 L	A.66
1991890000	ATPG 1.5-10 L	A.67
1991890000	ATPG 1.5-10 L	A.68
1991890000	ATPG 1.5-10 L	A.69
1991890000	ATPG 1.5-10 L	A.70
1991890000	ATPG 1.5-10 L	A.71
1991890000	ATPG 1.5-10 L	A.72
1991890000	ATPG 1.5-10 L	A.73
1991890000	ATPG 1.5-10 L	A.74
1991890000	ATPG 1.5-10 L	A.75
1991890000	ATPG 1.5-10 L	A.76
1991890000	ATPG 1.5-10 L	A.77
1991890000	ATPG 1.5-10 L	A.78
1991890000	ATPG 1.5-10 L	A.79
1991890000	ATPG 1.5-10 L	A.80
1991890000	ATPG 1.5-10 L	A.81
1991890000	ATPG 1.5-10 L	A.82
1991890000	ATPG 1.5-10 L	A.83
1991890000	ATPG 1.5-10 L	A.84
1991890000	ATPG 1.5-10 L	A.85
1991890000	ATPG 1.5-10 L	A.86
1991890000	ATPG 1.5-10 L	A.87
1991890000	ATPG 1.5-10 L	A.88
1991890000	ATPG 1.5-10 L	A.89
1991890000	ATPG 1.5-10 L	A.92
1991890000	ATPG 1.5-10 L	A.93
1991890000	ATPG 1.5-10 L	A.94
1991890000	ATPG 1.5-10 L	A.95
1991890000	ATPG 1.5-10 L	A.96
1991890000	ATPG 1.5-10 L	A.97
1991890000	ATPG 1.5-10 L	A.98
1991890000	ATPG 1.5-10 L	A.99
1991890000	ATPG 1.5-10 L	A.100
1991890000	ATPG 1.5-10 L	A.101
1991890000	ATPG 1.5-10 L	A.102
1991890000	ATPG 1.5-10 L	A.103
1991890000	ATPG 1.5-10 L	A.104
1991890000	ATPG 1.5-10 L	A.105
1991890000	ATPG 1.5-10 L	A.112
1991890000	ATPG 1.5-10 L	A.113
1991890000	ATPG 1.5-10 L	A.114
1991890000	ATPG 1.5-10 L	A.115
1991890000	ATPG 1.5-10 L	A.116
1991890000	ATPG 1.5-10 L	A.117
1991890000	ATPG 1.5-10 L	A.118
1991890000	ATPG 1.5-10 L	A.119
1991890000	ATPG 1.5-10 L	A.120
1991890000	ATPG 1.5-10 L	A.121
1991890000	ATPG 1.5-10 L	A.160
1991890000	ATPG 1.5-10 L	A.173
1991890000	ATPG 1.5-10 L	B.8
1991890000	ATPG 1.5-10 L	B.9
1991890000	ATPG 1.5-10 L	B.10
1991890000	ATPG 1.5-10 L	B.11
1991890000	ATPG 1.5-10 L	B.12
1991890000	ATPG 1.5-10 L	B.16
1991890000	ATPG 1.5-10 L	B.17
1991890000	ATPG 1.5-10 L	B.18
1991890000	ATPG 1.5-10 L	B.19
1991890000	ATPG 1.5-10 L	B.20
1991890000	ATPG 1.5-10 L	B.21
1991890000	ATPG 1.5-10 L	B.24
1991890000	ATPG 1.5-10 L	B.54
1991890000	ATPG 1.5-10 L	B.104
1991890000	ATPG 1.5-10 L	B.105
1991890000	ATPG 1.5-10 L	B.106
1991890000	ATPG 1.5-10 L	B.107
1991890000	ATPG 1.5-10 L	B.110
1991890000	ATPG 1.5-10 L	B.111
1991890000	ATPG 1.5-10 L	B.112
1991890000	ATPG 1.5-10 L	B.116
1991890000	ATPG 1.5-10 L	B.117
1991890000	ATPG 1.5-10 L	B.124
1991890000	ATPG 1.5-10 L	B.125
1991890000	ATPG 1.5-10 L	B.178
1991890000	ATPG 1.5-10 L	B.179
1991890000	ATPG 1.5-10 L	B.180
1991890000	ATPG 1.5-10 L	B.181
1991890000	ATPG 1.5-10 L	B.182
1991890000	ATPG 1.5-10 L	B.183
1991890000	ATPG 1.5-10 L	B.184
1991890000	ATPG 1.5-10 L	B.185
1991890000	ATPG 1.5-10 L	B.186
1991890000	ATPG 1.5-10 L	B.187
1991890000	ATPG 1.5-10 L	B.188
1991890000	ATPG 1.5-10 L	B.189
1991890000	ATPG 1.5-10 L	B.190
1991890000	ATPG 1.5-10 L	B.191
1991890000	ATPG 1.5-10 L	B.192
1991890000	ATPG 1.5-10 L	B.193
1991890000	ATPG 1.5-10 L	B.207
1991890000	ATPG 1.5-10 L	B.274
1991890000	ATPG 1.5-10 L	B.275
1991890000	ATPG 1.5-10 L	B.278
1991890000	ATPG 1.5-10 L	B.279
1991890000	ATPG 1.5-10 L	B.280
1991890000	ATPG 1.5-10 L	B.281
1991890000	ATPG 1.5-10 L	B.282
1991890000	ATPG 1.5-10 L	B.283
1991890000	ATPG 1.5-10 L	B.284
1991890000	ATPG 1.5-10 L	B.285
1991910000	AEP 3C 6 BL	A.62
1991920000	AEB 35 SC/1	A.6
1991920000	AEB 35 SC/1	A.7
1991920000	AEB 35 SC/1	A.8
1991920000	AEB 35 SC/1	A.9
1991920000	AEB 35 SC/1	A.10
1991920000	AEB 35 SC/1	A.11
1991920000	AEB 35 SC/1	A.12
1991920000	AEB 35 SC/1	A.13
1991920000	AEB 35 SC/1	A.14
1991920000	AEB 35 SC/1	A.15
1991920000	AEB 35 SC/1	A.16
1991920000	AEB 35 SC/1	A.17
1991920000	AEB 35 SC/1	A.18
1991920000	AEB 35 SC/1	A.19
1991920000	AEB 35 SC/1	A.20
1991920000	AEB 35 SC/1	A.21
1991920000	AEB 35 SC/1	A.22
1991920000	AEB 35 SC/1	A.23
1991920000	AEB 35 SC/1	A.24
1991920000	AEB 35 SC/1	A.25
1991920000	AEB 35 SC/1	A.26
1991920000	AEB 35 SC/1	A.27
1991920000	AEB 35 SC/1	A.28
1991920000	AEB 35 SC/1	A.29
1991920000	AEB 35 SC/1	A.30
1991920000	AEB 35 SC/1	A.31
1991920000	AEB 35 SC/1	A.32
1991920000	AEB 35 SC/1	A.33
1991920000	AEB 35 SC/1	A.34
1991920000	AEB 35 SC/1	A.35
1991920000	AEB 35 SC/1	A.36

Order No.	Type	Page
1991920000	AEB 35 SC/1	A.37
1991920000	AEB 35 SC/1	A.38
1991920000	AEB 35 SC/1	A.39
1991920000	AEB 35 SC/1	A.41
1991920000	AEB 35 SC/1	A.42
1991920000	AEB 35 SC/1	A.43
1991920000	AEB 35 SC/1	A.44
1991920000	AEB 35 SC/1	A.45
1991920000	AEB 35 SC/1	A.46
1991920000	AEB 35 SC/1	A.47
1991920000	AEB 35 SC/1	A.48
1991920000	AEB 35 SC/1	A.49
1991920000	AEB 35 SC/1	A.50
1991920000	AEB 35 SC/1	A.58
1991920000	AEB 35 SC/1	A.59
1991920000	AEB 35 SC/1	A.60
1991920000	AEB 35 SC/1	A.61
1991920000	AEB 35 SC/1	A.62
1991920000	AEB 35 SC/1	A.63
1991920000	AEB 35 SC/1	A.64
1991920000	AEB 35 SC/1	A.65
1991920000	AEB 35 SC/1	A.66
1991920000	AEB 35 SC/1	A.67
1991920000	AEB 35 SC/1	A.68
1991920000	AEB 35 SC/1	A.69
1991920000	AEB 35 SC/1	A.70
1991920000	AEB 35 SC/1	A.71
1991920000	AEB 35 SC/1	A.72
1991920000	AEB 35 SC/1	A.73
1991920000	AEB 35 SC/1	A.74
1991920000	AEB 35 SC/1	A.76
1991920000	AEB 35 SC/1	A.77
1991920000	AEB 35 SC/1	A.78
1991920000	AEB 35 SC/1	A.79
1991920000	AEB 35 SC/1	A.80
1991920000	AEB 35 SC/1	A.81
1991920000	AEB 35 SC/1	A.82
1991920000	AEB 35 SC/1	A.83
1991920000	AEB 35 SC/1	A.84
1991920000	AEB 35 SC/1	A.85
1991920000	AEB 35 SC/1	A.86
1991920000	AEB 35 SC/1	A.87
1991920000	AEB 35 SC/1	A.88
1991920000	AEB 35 SC/1	A.89
1991920000	AEB 35 SC/1	A.90
1991920000	AEB 35 SC/1	A.92
1991920000	AEB 35 SC/1	A.93
1991920000	AEB 35 SC/1	A.94
1991920000	AEB 35 SC/1	A.95
1991920000	AEB 35 SC/1	A.96
1991920000	AEB 35 SC/1	A.97
1991920000	AEB 35 SC/1	A.98
1991920000	AEB 35 SC/1	A.99
1991920000	AEB 35 SC/1	A.100
1991920000	AEB 35 SC/1	A.101
1991920000	AEB 35 SC/1	A.102
1991920000	AEB 35 SC/1	A.103
1991920000	AEB 35 SC/1	A.104
1991920000	AEB 35 SC/1	A.105
1991920000	AEB 35 SC/1	A.112
1991920000	AEB 35 SC/1	A.113
1991920000	AEB 35 SC/1	A.114
1991920000	AEB 35 SC/1	A.115
1991920000	AEB 35 SC/1	A.116
1991920000	AEB 35 SC/1	A.117
1991920000	AEB 35 SC/1	A.118
1991920000	AEB 35 SC/1	A.119
1991920000	AEB 35 SC/1	A.120
1991920000	AEB 35 SC/1	A.121
1991920000	AEB 35 SC/1	A.122
1991920000	AEB 35 SC/1	A.123
1991920000	AEB 35 SC/1	A.124
1991920000	AEB 35 SC/1	A.125
1991920000	AEB 35 SC/1	A.126
1991920000	AEB 35 SC/1	A.127
1991920000	AEB 35 SC/1	A.128
1991920000	AEB 35 SC/1	A.129
1991920000	AEB 35 SC/1	A.130
1991920000	AEB 35 SC/1	A.131
1991920000	AEB 35 SC/1	A.132
1991920000	AEB 35 SC/1	A.133
1991920000	AEB 35 SC/1	A.134
1991920000	AEB 35 SC/1	A.135
1991920000	AEB 35 SC/1	A.136
1991920000	AEB 35 SC/1	A.146
1991920000	AEB 35 SC/1	A.147
1991920000	AEB 35 SC/1	A.148
1991920000	AEB 35 SC/1	A.149
1991920000	AEB 35 SC/1	A.150
1991920000	AEB 35 SC/1	A.160
1991920000	AEB 35 SC/1	B.8
1991920000	AEB 35 SC/1	B.9
1991920000	AEB 35 SC/1	B.10
1991920000	AEB 35 SC/1	B.11
1991920000	AEB 35 SC/1	B.12
1991920000	AEB 35 SC/1	B.16
1991920000	AEB 35 SC/1	B.17
1991920000	AEB 35 SC/1	B.18
1991920000	AEB 35 SC/1	B.19

Order No.	Type	Page
1991920000	AEB 35 SC/1	B.20
1991920000	AEB 35 SC/1	B.22
1991920000	AEB 35 SC/1	B.24
1991920000	AEB 35 SC/1	B.56
1991920000	AEB 35 SC/1	B.58
1991920000	AEB 35 SC/1	B.60
1991920000	AEB 35 SC/1	B.61
1991920000	AEB 35 SC/1	B.62
1991920000	AEB 35 SC/1	B.64
1991920000	AEB 35 SC/1	B.66
1991920000	AEB 35 SC/1	B.68
1991920000	AEB 35 SC/1	B.70
1991920000	AEB 35 SC/1	B.71
1991920000	AEB 35 SC/1	B.74
1991920000	AEB 35 SC/1	B.75
1991920000	AEB 35 SC/1	B.78
1991920000	AEB 35 SC/1	B.80
1991920000	AEB 35 SC/1	B.82
1991920000	AEB 35 SC/1	B.84
1991920000	AEB 35 SC/1	B.86
1991920000	AEB 35 SC/1	B.88
1991920000	AEB 35 SC/1	B.96
1991920000	AEB 35 SC/1	B.104
1991920000	AEB 35 SC/1	B.105
1991920000	AEB 35 SC/1	B.106
1991920000	AEB 35 SC/1	B.107
1991920000	AEB 35 SC/1	B.108
1991920000	AEB 35 SC/1	B.109
1991920000	AEB 35 SC/1	B.110
1991920000	AEB 35 SC/1	B.111
1991920000	AEB 35 SC/1	B.112
1991920000	AEB 35 SC/1	B.113
1991920000	AEB 35 SC/1	B.114
1991920000	AEB 35 SC/1	B.115
1991920000	AEB 35 SC/1	B.116
1991920000	AEB 35 SC/1	B.117
1991920000	AEB 35 SC/1	B.118
1991920000	AEB 35 SC/1	B.120
1991920000	AEB 35 SC/1	B.121
1991920000	AEB 35 SC/1	B.124
1991920000	AEB 35 SC/1	B.125
1991920000	AEB 35 SC/1	B.207
1991920000	AEB 35 SC/1	B.250
1991920000	AEB 35 SC/1	B.251
1991920000	AEB 35 SC/1	B.274
1991920000	AEB 35 SC/1	B.275
1991920000	AEB 35 SC/1	B.278
1991920000	AEB 35 SC/1	B.279
1991920000	AEB 35 SC/1	B.280
1991920000	AEB 35 SC/1	B.281
1991920000	AEB 35 SC/1	B.282
1991920000	AEB 35 SC/1	B.283
1991920000	AEB 35 SC/1	B.284
1991920000	AEB 35 SC/1	B.285
1991920000	AEB 35 SC/1	C.15
1991930000	ATPG 6 MI-R	A.12
1991930000	ATPG 6 MI-R	A.13
1991930000	ATPG 6 MI-R	A.14
1991930000	ATPG 6 MI-R	A.15
1991930000	ATPG 6 MI-R	A.32
1991930000	ATPG 6 MI-R	A.33
1991930000	ATPG 6 MI-R	A.34
1991930000	ATPG 6 MI-R	A.35
1991930000	ATPG 6 MI-R	A.62
1991930000	ATPG 6 MI-R	A.63
1991930000	ATPG 6 MI-R	A.95
1991930000	ATPG 6 MI-R	A.96
1991930000	ATPG 6 MI-R	A.173
1991930000	ATPG 6 MI-R	B.178
1991930000	ATPG 6 MI-R	B.180
1991930000	ATPG 6 MI-R	B.182
1991930000	ATPG 6 MI-R	B.275
1991930000	ATPG 6 MI-R	B.281
1991940000	AEP 3C 6	A.62
1991940000	AEP 3C 6	A.96
1991950000	AEP 2C 6 BL	A.62
1991960000	ATPG 2.5 MI-R	A.6
1991960000	ATPG 2.5 MI-R	A.7
1991960000	ATPG 2.5 MI-R	A.8
1991960000	ATPG 2.5 MI-R	A.9
1991960000	ATPG 2.5 MI-R	A.18
1991960000	ATPG 2.5 MI-R	A.19
1991960000	ATPG 2.5 MI-R	A.20
1991960000	ATPG 2.5 MI-R	A.21
1991960000	ATPG 2.5 MI-R	A.22
1991960000	ATPG 2.5 MI-R	A.23
1991960000	ATPG 2.5 MI-R	A.24
1991960000	ATPG 2.5 MI-R	A.25
1991960000	ATPG 2.5 MI-R	A.26
1991960000	ATPG 2.5 MI-R	A.27
1991960000	ATPG 2.5 MI-R	A.28
1991960000	ATPG 2.5 MI-R	A.29
1991960000	ATPG 2.5 MI-R	A.30
1991960000	ATPG 2.5 MI-R	A.38
1991960000	ATPG 2.5 MI-R	A.39
1991960000	ATPG 2.5 MI-R	A.41
1991960000	ATPG 2.5 MI-R	A.42
1991960000	ATPG 2.5 MI-R	A.43
1991960000	ATPG 2.5 MI-R	A.59

Order No.	Type	Page
1991960000	ATPG 2.5 MI-R	A.60
1991960000	ATPG 2.5 MI-R	A.68
1991960000	ATPG 2.5 MI-R	A.69
1991960000	ATPG 2.5 MI-R	A.78
1991960000	ATPG 2.5 MI-R	A.79
1991960000	ATPG 2.5 MI-R	A.80
1991960000	ATPG 2.5 MI-R	A.81
1991960000	ATPG 2.5 MI-R	A.83
1991960000	ATPG 2.5 MI-R	A.84
1991960000	ATPG 2.5 MI-R	A.85
1991960000	ATPG 2.5 MI-R	A.88
1991960000	ATPG 2.5 MI-R	A.89
1991960000	ATPG 2.5 MI-R	A.93
1991960000	ATPG 2.5 MI-R	A.94
1991960000	ATPG 2.5 MI-R	A.95
1991960000	ATPG 2.5 MI-R	A.98
1991960000	ATPG 2.5 MI-R	A.99
1991960000	ATPG 2.5 MI-R	A.100
1991960000	ATPG 2.5 MI-R	A.103
1991960000	ATPG 2.5 MI-R	A.104
1991960000	ATPG 2.5 MI-R	A.105
1991960000	ATPG 2.5 MI-R	A.113
1991960000	ATPG 2.5 MI-R	A.114
1991960000	ATPG 2.5 MI-R	A.115
1991960000	ATPG 2.5 MI-R	A.116
1991960000	ATPG 2.5 MI-R	A.117
1991960000	ATPG 2.5 MI-R	A.118
1991960000	ATPG 2.5 MI-R	A.120
1991960000	ATPG 2.5 MI-R	A.160
1991960000	ATPG 2.5 MI-R	A.173
1991960000	ATPG 2.5 MI-R	B.178
1991960000	ATPG 2.5 MI-R	B.180
1991960000	ATPG 2.5 MI-R	B.182
1991960000	ATPG 2.5 MI-R	B.184
1991960000	ATPG 2.5 MI-R	B.185
1991960000	ATPG 2.5 MI-R	B.186
1991960000	ATPG 2.5 MI-R	B.187
1991960000	ATPG 2.5 MI-R	B.190
1991960000	ATPG 2.5 MI-R	B.191
1991960000	ATPG 2.5 MI-R	B.192
1991960000	ATPG 2.5 MI-R	B.193
1991960000	ATPG 2.5 MI-R	B.274
1991960000	ATPG 2.5 MI-R	B.278
1991960000	ATPG 2.5 MI-R	B.279
1991960000	ATPG 2.5 MI-R	B.280
1991970000	AEP 2C 6	A.62
1991970000	AEP 2C 6	A.95
1991970000	AEP 2C 6	A.136
1991970000	AEP 2C 6	B.275
1992110000	A2C 6	A.62
1992110000	A2C 6	A.163
1992110000	A2C 6	A.176
1992220000	AIO23 1.5 2SI	B.125
1992230000	AIO22 1.5 SI-PE	A.163
1992230000	AIO22 1.5 SI-PE	B.125
1992240000	AIO21 1.5 SO	A.163
1992240000	AIO21 1.5 SO	B.124
1992250000	AIO21 1.5 SO-PE	A.163
1992250000	AIO21 1.5 SO-PE	B.125
1992260000	AIO21 1.5 SI	A.163
1992260000	AIO21 1.5 SI	B.124
1993580000	AEP IO21	B.124
1993580000	AEP IO21	B.125
1993590000	AEP IO22	B.125
1993600000	AEP IO23	B.125

2000000000

Order No.	Type	Page
2000040000	WDU 16 GE/SW	B.287
2000050000	WDU 16N GE/SW	B.287
2000060000	WDU 35 GE/SW	B.288
2000080000	WDU 50N GE/SW	B.289
2000090000	WDU 35N GE/SW	B.288
2000100000	WDU 70N/35 GE/SW	B.290
2000110000	WDU 95N/120N GE/SW	B.290
2003110000	A2C 2.5 LTGY	A.176
2003120000	A3C 2.5 LTGY	A.176
2003130000	A4C 2.5 LTGY	A.176
2003750000	DEK 5/3.5 PLUS MC NE WS	A.6
2003750000	DEK 5/3.5 PLUS MC NE WS	A.7
2003750000	DEK 5/3.5 PLUS MC NE WS	A.26
2003750000	DEK 5/3.5 PLUS MC NE WS	A.27
2003750000	DEK 5/3.5 PLUS MC NE WS	A.58
2003750000	DEK 5/3.5 PLUS MC NE WS	A.59
2003750000	DEK 5/3.5 PLUS MC NE WS	A.76
2003750000	DEK 5/3.5 PLUS MC NE WS	A.77
2003750000	DEK 5/3.5 PLUS MC NE WS	A.86
2003750000	DEK 5/3.5 PLUS MC NE WS	A.87
2003750000	DEK 5/3.5 PLUS MC NE WS	A.92
2003750000	DEK 5/3.5 PLUS MC NE WS	A.93
2003750000	DEK 5/3.5 PLUS MC NE WS	A.102
2003750000	DEK 5/3.5 PLUS MC NE WS	A.105
2003750000	DEK 5/3.5 PLUS MC NE WS	A.122
2003750000	DEK 5/3.5 PLUS MC NE WS	A.123
2003750000	DEK 5/3.5 PLUS MC NE WS	A.124
2003750000	DEK 5/3.5 PLUS MC NE WS	A.125
2003750000	DEK 5/3.5 PLUS MC NE WS	A.126
2003750000	DEK 5/3.5 PLUS MC NE WS	A.138
2003750000	DEK 5/3.5 PLUS MC NE WS	A.140
2003750000	DEK 5/3.5 PLUS MC NE WS	B.105
2003750000	DEK 5/3.5 PLUS MC NE WS	B.107
2003750000	DEK 5/3.5 PLUS MC NE WS	B.108
2003750000	DEK 5/3.5 PLUS MC NE WS	B.109
2003750000	DEK 5/3.5 PLUS MC NE WS	B.124
2003750000	DEK 5/3.5 PLUS MC NE WS	B.125
2003750000	DEK 5/3.5 PLUS MC NE WS	B.207
2003760000	WS 10/3.5 PLUS MC NE WS	A.26
2003760000	WS 10/3.5 PLUS MC NE WS	A.27
2003760000	WS 10/3.5 PLUS MC NE WS	A.76
2003760000	WS 10/3.5 PLUS MC NE WS	A.77
2003760000	WS 10/3.5 PLUS MC NE WS	A.86
2003760000	WS 10/3.5 PLUS MC NE WS	A.87
2003760000	WS 10/3.5 PLUS MC NE WS	A.92
2003760000	WS 10/3.5 PLUS MC NE WS	A.93
2003760000	WS 10/3.5 PLUS MC NE WS	A.102
2003760000	WS 10/3.5 PLUS MC NE WS	A.105
2003760000	WS 10/3.5 PLUS MC NE WS	A.122
2003760000	WS 10/3.5 PLUS MC NE WS	A.123
2003760000	WS 10/3.5 PLUS MC NE WS	A.124
2003760000	WS 10/3.5 PLUS MC NE WS	A.125
2003760000	WS 10/3.5 PLUS MC NE WS	A.126
2003760000	WS 10/3.5 PLUS MC NE WS	A.138
2003760000	WS 10/3.5 PLUS MC NE WS	A.140
2003760000	WS 10/3.5 PLUS MC NE WS	B.105
2003760000	WS 10/3.5 PLUS MC NE WS	B.207
2003770000	WS 10/5 M PLUS MC NE WS	A.8
2003770000	WS 10/5 M PLUS MC NE WS	A.9
2003770000	WS 10/5 M PLUS MC NE WS	A.18
2003770000	WS 10/5 M PLUS MC NE WS	A.19
2003770000	WS 10/5 M PLUS MC NE WS	A.20
2003770000	WS 10/5 M PLUS MC NE WS	A.21
2003770000	WS 10/5 M PLUS MC NE WS	A.22
2003770000	WS 10/5 M PLUS MC NE WS	A.23
2003770000	WS 10/5 M PLUS MC NE WS	A.24
2003770000	WS 10/5 M PLUS MC NE WS	A.25
2003770000	WS 10/5 M PLUS MC NE WS	A.28
2003770000	WS 10/5 M PLUS MC NE WS	A.29
2003770000	WS 10/5 M PLUS MC NE WS	A.30
2003770000	WS 10/5 M PLUS MC NE WS	A.38
2003770000	WS 10/5 M PLUS MC NE WS	A.39
2003770000	WS 10/5 M PLUS MC NE WS	A.41
2003770000	WS 10/5 M PLUS MC NE WS	A.42
2003770000	WS 10/5 M PLUS MC NE WS	A.43
2003770000	WS 10/5 M PLUS MC NE WS	A.45
2003770000	WS 10/5 M PLUS MC NE WS	A.47
2003770000	WS 10/5 M PLUS MC NE WS	A.48
2003770000	WS 10/5 M PLUS MC NE WS	A.49
2003770000	WS 10/5 M PLUS MC NE WS	A.50
2003770000	WS 10/5 M PLUS MC NE WS	A.59
2003770000	WS 10/5 M PLUS MC NE WS	A.60
2003770000	WS 10/5 M PLUS MC NE WS	A.68
2003770000	WS 10/5 M PLUS MC NE WS	A.69
2003770000	WS 10/5 M PLUS MC NE WS	A.78
2003770000	WS 10/5 M PLUS MC NE WS	A.79
2003770000	WS 10/5 M PLUS MC NE WS	A.80
2003770000	WS 10/5 M PLUS MC NE WS	A.81
2003770000	WS 10/5 M PLUS MC NE WS	A.82
2003770000	WS 10/5 M PLUS MC NE WS	A.83
2003770000	WS 10/5 M PLUS MC NE WS	A.84
2003770000	WS 10/5 M PLUS MC NE WS	A.85
2003770000	WS 10/5 M PLUS MC NE WS	A.88
2003770000	WS 10/5 M PLUS MC NE WS	A.89
2003770000	WS 10/5 M PLUS MC NE WS	A.90
2003770000	WS 10/5 M PLUS MC NE WS	A.93
2003770000	WS 10/5 M PLUS MC NE WS	A.94
2003770000	WS 10/5 M PLUS MC NE WS	A.95
2003770000	WS 10/5 M PLUS MC NE WS	A.98
2003770000	WS 10/5 M PLUS MC NE WS	A.99
2003770000	WS 10/5 M PLUS MC NE WS	A.100
2003770000	WS 10/5 M PLUS MC NE WS	A.103
2003770000	WS 10/5 M PLUS MC NE WS	A.104
2003770000	WS 10/5 M PLUS MC NE WS	A.105
2003770000	WS 10/5 M PLUS MC NE WS	A.106
2003770000	WS 10/5 M PLUS MC NE WS	A.113
2003770000	WS 10/5 M PLUS MC NE WS	A.114
2003770000	WS 10/5 M PLUS MC NE WS	A.115
2003770000	WS 10/5 M PLUS MC NE WS	A.116
2003770000	WS 10/5 M PLUS MC NE WS	A.117
2003770000	WS 10/5 M PLUS MC NE WS	A.118
2003770000	WS 10/5 M PLUS MC NE WS	A.127
2003770000	WS 10/5 M PLUS MC NE WS	A.130
2003770000	WS 10/5 M PLUS MC NE WS	A.131
2003770000	WS 10/5 M PLUS MC NE WS	A.160
2003770000	WS 10/5 M PLUS MC NE WS	B.96
2003770000	WS 10/5 M PLUS MC NE WS	B.111
2003770000	WS 10/5 M PLUS MC NE WS	B.113
2003770000	WS 10/5 M PLUS MC NE WS	B.274
2003770000	WS 10/5 M PLUS MC NE WS	B.278
2003770000	WS 10/5 M PLUS MC NE WS	B.279
2003770000	WS 10/5 M PLUS MC NE WS	B.280
2003780000	WS 10/6 M PLUS MC NE WS	A.10
2003780000	WS 10/6 M PLUS MC NE WS	A.11
2003780000	WS 10/6 M PLUS MC NE WS	A.30
2003780000	WS 10/6 M PLUS MC NE WS	A.31
2003780000	WS 10/6 M PLUS MC NE WS	A.40
2003780000	WS 10/6 M PLUS MC NE WS	A.44

Order No.	Type	Page
2003780000	WS 10/6 M PLUS MC NE WS	A.60
2003780000	WS 10/6 M PLUS MC NE WS	A.61
2003780000	WS 10/6 M PLUS MC NE WS	A.70
2003780000	WS 10/6 M PLUS MC NE WS	A.71
2003780000	WS 10/6 M PLUS MC NE WS	A.94
2003780000	WS 10/6 M PLUS MC NE WS	A.95
2003780000	WS 10/6 M PLUS MC NE WS	A.99
2003780000	WS 10/6 M PLUS MC NE WS	A.100
2003780000	WS 10/6 M PLUS MC NE WS	A.104
2003780000	WS 10/6 M PLUS MC NE WS	A.107
2003780000	WS 10/6 M PLUS MC NE WS	A.108
2003780000	WS 10/6 M PLUS MC NE WS	A.109
2003780000	WS 10/6 M PLUS MC NE WS	A.110
2003780000	WS 10/6 M PLUS MC NE WS	A.111
2003780000	WS 10/6 M PLUS MC NE WS	A.116
2003780000	WS 10/6 M PLUS MC NE WS	A.118
2003780000	WS 10/6 M PLUS MC NE WS	A.119
2003780000	WS 10/6 M PLUS MC NE WS	A.121
2003780000	WS 10/6 M PLUS MC NE WS	A.132
2003780000	WS 10/6 M PLUS MC NE WS	A.133
2003780000	WS 10/6 M PLUS MC NE WS	A.134
2003780000	WS 10/6 M PLUS MC NE WS	A.135
2003780000	WS 10/6 M PLUS MC NE WS	B.117
2003780000	WS 10/6 M PLUS MC NE WS	B.118
2003780000	WS 10/6 M PLUS MC NE WS	B.121
2003780000	WS 10/6 M PLUS MC NE WS	B.275
2003780000	WS 10/6 M PLUS MC NE WS	B.279
2003780000	WS 10/6 M PLUS MC NE WS	B.280
2004960000	WQV 50N/5	A.416
2007100000	DEK 5/3.5 MM WS	A.6
2007100000	DEK 5/3.5 MM WS	A.7
2007100000	DEK 5/3.5 MM WS	A.26
2007100000	DEK 5/3.5 MM WS	A.27
2007100000	DEK 5/3.5 MM WS	A.58
2007100000	DEK 5/3.5 MM WS	A.59
2007100000	DEK 5/3.5 MM WS	A.76
2007100000	DEK 5/3.5 MM WS	A.77
2007100000	DEK 5/3.5 MM WS	A.86
2007100000	DEK 5/3.5 MM WS	A.87
2007100000	DEK 5/3.5 MM WS	A.92
2007100000	DEK 5/3.5 MM WS	A.93
2007100000	DEK 5/3.5 MM WS	A.102
2007100000	DEK 5/3.5 MM WS	A.105
2007100000	DEK 5/3.5 MM WS	A.112
2007100000	DEK 5/3.5 MM WS	A.113
2007100000	DEK 5/3.5 MM WS	A.122
2007100000	DEK 5/3.5 MM WS	A.123
2007100000	DEK 5/3.5 MM WS	A.124
2007100000	DEK 5/3.5 MM WS	A.125
2007100000	DEK 5/3.5 MM WS	A.126
2007100000	DEK 5/3.5 MM WS	A.138
2007100000	DEK 5/3.5 MM WS	A.140
2007100000	DEK 5/3.5 MM WS	A.186
2007100000	DEK 5/3.5 MM WS	A.187
2007100000	DEK 5/3.5 MM WS	A.202
2007100000	DEK 5/3.5 MM WS	A.203
2007100000	DEK 5/3.5 MM WS	A.219
2007100000	DEK 5/3.5 MM WS	A.220
2007100000	DEK 5/3.5 MM WS	A.232
2007100000	DEK 5/3.5 MM WS	A.298
2007100000	DEK 5/3.5 MM WS	A.320
2007100000	DEK 5/3.5 MM WS	A.330
2007100000	DEK 5/3.5 MM WS	B.105
2007100000	DEK 5/3.5 MM WS	B.107
2007100000	DEK 5/3.5 MM WS	B.124
2007100000	DEK 5/3.5 MM WS	B.125
2007100000	DEK 5/3.5 MM WS	B.207
2007110000	DEK 5/5 MM WS	A.8
2007110000	DEK 5/5 MM WS	A.9
2007110000	DEK 5/5 MM WS	A.18
2007110000	DEK 5/5 MM WS	A.19
2007110000	DEK 5/5 MM WS	A.20
2007110000	DEK 5/5 MM WS	A.21
2007110000	DEK 5/5 MM WS	A.22
2007110000	DEK 5/5 MM WS	A.23
2007110000	DEK 5/5 MM WS	A.24
2007110000	DEK 5/5 MM WS	A.25
2007110000	DEK 5/5 MM WS	A.28
2007110000	DEK 5/5 MM WS	A.29
2007110000	DEK 5/5 MM WS	A.30
2007110000	DEK 5/5 MM WS	A.38
2007110000	DEK 5/5 MM WS	A.39
2007110000	DEK 5/5 MM WS	A.41
2007110000	DEK 5/5 MM WS	A.42
2007110000	DEK 5/5 MM WS	A.43
2007110000	DEK 5/5 MM WS	A.45
2007110000	DEK 5/5 MM WS	A.46
2007110000	DEK 5/5 MM WS	A.47
2007110000	DEK 5/5 MM WS	A.48
2007110000	DEK 5/5 MM WS	A.49
2007110000	DEK 5/5 MM WS	A.50
2007110000	DEK 5/5 MM WS	A.59
2007110000	DEK 5/5 MM WS	A.60
2007110000	DEK 5/5 MM WS	A.68
2007110000	DEK 5/5 MM WS	A.69
2007110000	DEK 5/5 MM WS	A.78
2007110000	DEK 5/5 MM WS	A.79
2007110000	DEK 5/5 MM WS	A.80
2007110000	DEK 5/5 MM WS	A.81

Order No.	Type	Page
2007110000	DEK 5/5 MM WS	A.82
2007110000	DEK 5/5 MM WS	A.83
2007110000	DEK 5/5 MM WS	A.84
2007110000	DEK 5/5 MM WS	A.85
2007110000	DEK 5/5 MM WS	A.88
2007110000	DEK 5/5 MM WS	A.89
2007110000	DEK 5/5 MM WS	A.90
2007110000	DEK 5/5 MM WS	A.93
2007110000	DEK 5/5 MM WS	A.94
2007110000	DEK 5/5 MM WS	A.95
2007110000	DEK 5/5 MM WS	A.98
2007110000	DEK 5/5 MM WS	A.99
2007110000	DEK 5/5 MM WS	A.100
2007110000	DEK 5/5 MM WS	A.103
2007110000	DEK 5/5 MM WS	A.104
2007110000	DEK 5/5 MM WS	A.105
2007110000	DEK 5/5 MM WS	A.106
2007110000	DEK 5/5 MM WS	A.113
2007110000	DEK 5/5 MM WS	A.114
2007110000	DEK 5/5 MM WS	A.115
2007110000	DEK 5/5 MM WS	A.116
2007110000	DEK 5/5 MM WS	A.117
2007110000	DEK 5/5 MM WS	A.118
2007110000	DEK 5/5 MM WS	A.120
2007110000	DEK 5/5 MM WS	A.127
2007110000	DEK 5/5 MM WS	A.128
2007110000	DEK 5/5 MM WS	A.129
2007110000	DEK 5/5 MM WS	A.130
2007110000	DEK 5/5 MM WS	A.131
2007110000	DEK 5/5 MM WS	A.146
2007110000	DEK 5/5 MM WS	A.147
2007110000	DEK 5/5 MM WS	A.148
2007110000	DEK 5/5 MM WS	A.149
2007110000	DEK 5/5 MM WS	A.150
2007110000	DEK 5/5 MM WS	A.160
2007110000	DEK 5/5 MM WS	A.204
2007110000	DEK 5/5 MM WS	A.205
2007110000	DEK 5/5 MM WS	A.206
2007110000	DEK 5/5 MM WS	A.207
2007110000	DEK 5/5 MM WS	A.208
2007110000	DEK 5/5 MM WS	A.209
2007110000	DEK 5/5 MM WS	A.226
2007110000	DEK 5/5 MM WS	A.232
2007110000	DEK 5/5 MM WS	A.233
2007110000	DEK 5/5 MM WS	A.234
2007110000	DEK 5/5 MM WS	A.251
2007110000	DEK 5/5 MM WS	A.252
2007110000	DEK 5/5 MM WS	A.255
2007110000	DEK 5/5 MM WS	A.260
2007110000	DEK 5/5 MM WS	A.261
2007110000	DEK 5/5 MM WS	A.263
2007110000	DEK 5/5 MM WS	A.264
2007110000	DEK 5/5 MM WS	A.276
2007110000	DEK 5/5 MM WS	A.277
2007110000	DEK 5/5 MM WS	A.278
2007110000	DEK 5/5 MM WS	A.279
2007110000	DEK 5/5 MM WS	A.280
2007110000	DEK 5/5 MM WS	A.281
2007110000	DEK 5/5 MM WS	A.282
2007110000	DEK 5/5 MM WS	A.299
2007110000	DEK 5/5 MM WS	A.300
2007110000	DEK 5/5 MM WS	A.301
2007110000	DEK 5/5 MM WS	A.302
2007110000	DEK 5/5 MM WS	A.330
2007110000	DEK 5/5 MM WS	A.331
2007110000	DEK 5/5 MM WS	A.332
2007110000	DEK 5/5 MM WS	A.341
2007110000	DEK 5/5 MM WS	A.358
2007110000	DEK 5/5 MM WS	A.368
2007110000	DEK 5/5 MM WS	A.369
2007110000	DEK 5/5 MM WS	A.394
2007110000	DEK 5/5 MM WS	A.397
2007110000	DEK 5/5 MM WS	B.54
2007110000	DEK 5/5 MM WS	B.96
2007110000	DEK 5/5 MM WS	B.97
2007110000	DEK 5/5 MM WS	B.111
2007110000	DEK 5/5 MM WS	B.113
2007110000	DEK 5/5 MM WS	B.178
2007110000	DEK 5/5 MM WS	B.180
2007110000	DEK 5/5 MM WS	B.182
2007110000	DEK 5/5 MM WS	B.184
2007110000	DEK 5/5 MM WS	B.185
2007110000	DEK 5/5 MM WS	B.186
2007110000	DEK 5/5 MM WS	B.187
2007110000	DEK 5/5 MM WS	B.190
2007110000	DEK 5/5 MM WS	B.191
2007110000	DEK 5/5 MM WS	B.192
2007110000	DEK 5/5 MM WS	B.193
2007110000	DEK 5/5 MM WS	B.274
2007110000	DEK 5/5 MM WS	B.278
2007110000	DEK 5/5 MM WS	B.279
2007110000	DEK 5/5 MM WS	B.280
2007110000	DEK 5/5 MM WS	B.285
2007110000	DEK 5/5 MM WS	B.286
2007120000	DEK 5/6 MM WS	A.10
2007120000	DEK 5/6 MM WS	A.11
2007120000	DEK 5/6 MM WS	A.30
2007120000	DEK 5/6 MM WS	A.31
2007120000	DEK 5/6 MM WS	A.40

Order No.	Type	Page
2007120000	DEK 5/6 MM WS	A.44
2007120000	DEK 5/6 MM WS	A.60
2007120000	DEK 5/6 MM WS	A.61
2007120000	DEK 5/6 MM WS	A.70
2007120000	DEK 5/6 MM WS	A.71
2007120000	DEK 5/6 MM WS	A.94
2007120000	DEK 5/6 MM WS	A.95
2007120000	DEK 5/6 MM WS	A.99
2007120000	DEK 5/6 MM WS	A.100
2007120000	DEK 5/6 MM WS	A.104
2007120000	DEK 5/6 MM WS	A.107
2007120000	DEK 5/6 MM WS	A.108
2007120000	DEK 5/6 MM WS	A.109
2007120000	DEK 5/6 MM WS	A.110
2007120000	DEK 5/6 MM WS	A.111
2007120000	DEK 5/6 MM WS	A.116
2007120000	DEK 5/6 MM WS	A.118
2007120000	DEK 5/6 MM WS	A.119
2007120000	DEK 5/6 MM WS	A.121
2007120000	DEK 5/6 MM WS	A.132
2007120000	DEK 5/6 MM WS	A.133
2007120000	DEK 5/6 MM WS	A.134
2007120000	DEK 5/6 MM WS	A.135
2007120000	DEK 5/6 MM WS	A.139
2007120000	DEK 5/6 MM WS	A.190
2007120000	DEK 5/6 MM WS	A.197
2007120000	DEK 5/6 MM WS	A.198
2007120000	DEK 5/6 MM WS	A.213
2007120000	DEK 5/6 MM WS	A.214
2007120000	DEK 5/6 MM WS	A.221
2007120000	DEK 5/6 MM WS	A.222
2007120000	DEK 5/6 MM WS	A.227
2007120000	DEK 5/6 MM WS	A.228
2007120000	DEK 5/6 MM WS	A.233
2007120000	DEK 5/6 MM WS	A.256
2007120000	DEK 5/6 MM WS	A.259
2007120000	DEK 5/6 MM WS	A.281
2007120000	DEK 5/6 MM WS	A.303
2007120000	DEK 5/6 MM WS	A.304
2007120000	DEK 5/6 MM WS	A.324
2007120000	DEK 5/6 MM WS	A.332
2007120000	DEK 5/6 MM WS	A.333
2007120000	DEK 5/6 MM WS	A.334
2007120000	DEK 5/6 MM WS	A.342
2007120000	DEK 5/6 MM WS	A.343
2007120000	DEK 5/6 MM WS	A.344
2007120000	DEK 5/6 MM WS	A.345
2007120000	DEK 5/6 MM WS	A.346
2007120000	DEK 5/6 MM WS	A.359
2007120000	DEK 5/6 MM WS	A.360
2007120000	DEK 5/6 MM WS	A.361
2007120000	DEK 5/6 MM WS	A.362
2007120000	DEK 5/6 MM WS	A.370
2007120000	DEK 5/6 MM WS	A.371
2007120000	DEK 5/6 MM WS	A.372
2007120000	DEK 5/6 MM WS	A.373
2007120000	DEK 5/6 MM WS	A.374
2007120000	DEK 5/6 MM WS	A.375
2007120000	DEK 5/6 MM WS	A.376
2007120000	DEK 5/6 MM WS	A.377
2007120000	DEK 5/6 MM WS	A.384
2007120000	DEK 5/6 MM WS	A.385
2007120000	DEK 5/6 MM WS	A.386
2007120000	DEK 5/6 MM WS	A.387
2007120000	DEK 5/6 MM WS	A.390
2007120000	DEK 5/6 MM WS	A.398
2007120000	DEK 5/6 MM WS	B.117
2007120000	DEK 5/6 MM WS	B.118
2007120000	DEK 5/6 MM WS	B.121
2007120000	DEK 5/6 MM WS	B.143
2007120000	DEK 5/6 MM WS	B.144
2007120000	DEK 5/6 MM WS	B.145
2007120000	DEK 5/6 MM WS	B.146
2007120000	DEK 5/6 MM WS	B.147
2007120000	DEK 5/6 MM WS	B.148
2007120000	DEK 5/6 MM WS	B.149
2007120000	DEK 5/6 MM WS	B.150
2007120000	DEK 5/6 MM WS	B.151
2007120000	DEK 5/6 MM WS	B.152
2007120000	DEK 5/6 MM WS	B.153
2007120000	DEK 5/6 MM WS	B.154
2007120000	DEK 5/6 MM WS	B.155
2007120000	DEK 5/6 MM WS	B.156
2007120000	DEK 5/6 MM WS	B.157
2007120000	DEK 5/6 MM WS	B.158
2007120000	DEK 5/6 MM WS	B.159
2007120000	DEK 5/6 MM WS	B.188
2007120000	DEK 5/6 MM WS	B.189
2007120000	DEK 5/6 MM WS	B.275
2007120000	DEK 5/6 MM WS	B.279
2007120000	DEK 5/6 MM WS	B.280
2007120000	DEK 5/6 MM WS	B.286
2007130000	DEK 5/8 MM WS	A.191
2007130000	DEK 5/8 MM WS	A.199
2007130000	DEK 5/8 MM WS	A.223
2007130000	DEK 5/8 MM WS	A.228
2007130000	DEK 5/8 MM WS	A.229
2007130000	DEK 5/8 MM WS	A.306
2007130000	DEK 5/8 MM WS	A.307

Order No.	Type	Page
2007130000	DEK 5/8 MM WS	A.350
2007130000	DEK 5/8 MM WS	A.351
2007130000	DEK 5/8 MM WS	A.354
2007140000	WS 8/3.5 MM WS	A.6
2007140000	WS 8/3.5 MM WS	A.7
2007140000	WS 8/3.5 MM WS	A.58
2007140000	WS 8/3.5 MM WS	A.59
2007140000	WS 8/3.5 MM WS	A.112
2007140000	WS 8/3.5 MM WS	A.113
2007140000	WS 8/3.5 MM WS	B.107
2007140000	WS 8/3.5 MM WS	B.108
2007140000	WS 8/3.5 MM WS	B.109
2007140000	WS 8/3.5 MM WS	B.124
2007140000	WS 8/3.5 MM WS	B.125
2007150000	WS 8/5 MM WS	A.8
2007150000	WS 8/5 MM WS	A.9
2007150000	WS 8/5 MM WS	A.18
2007150000	WS 8/5 MM WS	A.19
2007150000	WS 8/5 MM WS	A.20
2007150000	WS 8/5 MM WS	A.21
2007150000	WS 8/5 MM WS	A.22
2007150000	WS 8/5 MM WS	A.23
2007150000	WS 8/5 MM WS	A.24
2007150000	WS 8/5 MM WS	A.25
2007150000	WS 8/5 MM WS	A.28
2007150000	WS 8/5 MM WS	A.29
2007150000	WS 8/5 MM WS	A.30
2007150000	WS 8/5 MM WS	A.38
2007150000	WS 8/5 MM WS	A.39
2007150000	WS 8/5 MM WS	A.41
2007150000	WS 8/5 MM WS	A.42
2007150000	WS 8/5 MM WS	A.43
2007150000	WS 8/5 MM WS	A.45
2007150000	WS 8/5 MM WS	A.46
2007150000	WS 8/5 MM WS	A.47
2007150000	WS 8/5 MM WS	A.48
2007150000	WS 8/5 MM WS	A.49
2007150000	WS 8/5 MM WS	A.50
2007150000	WS 8/5 MM WS	A.51
2007150000	WS 8/5 MM WS	A.59
2007150000	WS 8/5 MM WS	A.60
2007150000	WS 8/5 MM WS	A.68
2007150000	WS 8/5 MM WS	A.69
2007150000	WS 8/5 MM WS	A.78
2007150000	WS 8/5 MM WS	A.79
2007150000	WS 8/5 MM WS	A.80
2007150000	WS 8/5 MM WS	A.81
2007150000	WS 8/5 MM WS	A.82
2007150000	WS 8/5 MM WS	A.83
2007150000	WS 8/5 MM WS	A.84
2007150000	WS 8/5 MM WS	A.85
2007150000	WS 8/5 MM WS	A.88
2007150000	WS 8/5 MM WS	A.89
2007150000	WS 8/5 MM WS	A.90
2007150000	WS 8/5 MM WS	A.93
2007150000	WS 8/5 MM WS	A.94
2007150000	WS 8/5 MM WS	A.95
2007150000	WS 8/5 MM WS	A.98
2007150000	WS 8/5 MM WS	A.99
2007150000	WS 8/5 MM WS	A.100
2007150000	WS 8/5 MM WS	A.103
2007150000	WS 8/5 MM WS	A.104
2007150000	WS 8/5 MM WS	A.105
2007150000	WS 8/5 MM WS	A.106
2007150000	WS 8/5 MM WS	A.113
2007150000	WS 8/5 MM WS	A.114
2007150000	WS 8/5 MM WS	A.115
2007150000	WS 8/5 MM WS	A.116
2007150000	WS 8/5 MM WS	A.117
2007150000	WS 8/5 MM WS	A.118
2007150000	WS 8/5 MM WS	A.120
2007150000	WS 8/5 MM WS	A.127
2007150000	WS 8/5 MM WS	A.128
2007150000	WS 8/5 MM WS	A.129
2007150000	WS 8/5 MM WS	A.130
2007150000	WS 8/5 MM WS	A.131
2007150000	WS 8/5 MM WS	A.138
2007150000	WS 8/5 MM WS	A.140
2007150000	WS 8/5 MM WS	A.146
2007150000	WS 8/5 MM WS	A.147
2007150000	WS 8/5 MM WS	A.148
2007150000	WS 8/5 MM WS	A.149
2007150000	WS 8/5 MM WS	A.150
2007150000	WS 8/5 MM WS	A.160
2007150000	WS 8/5 MM WS	A.182
2007150000	WS 8/5 MM WS	A.183
2007150000	WS 8/5 MM WS	A.188
2007150000	WS 8/5 MM WS	A.189
2007150000	WS 8/5 MM WS	A.196
2007150000	WS 8/5 MM WS	A.197
2007150000	WS 8/5 MM WS	A.200
2007150000	WS 8/5 MM WS	A.201
2007150000	WS 8/5 MM WS	A.204
2007150000	WS 8/5 MM WS	A.205
2007150000	WS 8/5 MM WS	A.206
2007150000	WS 8/5 MM WS	A.207
2007150000	WS 8/5 MM WS	A.208
2007150000	WS 8/5 MM WS	A.209
2007150000	WS 8/5 MM WS	A.210

Order No.	Type	Page
2007150000	WS 8/5 MM WS	A.211
2007150000	WS 8/5 MM WS	A.212
2007150000	WS 8/5 MM WS	A.216
2007150000	WS 8/5 MM WS	A.217
2007150000	WS 8/5 MM WS	A.218
2007150000	WS 8/5 MM WS	A.219
2007150000	WS 8/5 MM WS	A.220
2007150000	WS 8/5 MM WS	A.221
2007150000	WS 8/5 MM WS	A.226
2007150000	WS 8/5 MM WS	A.227
2007150000	WS 8/5 MM WS	A.230
2007150000	WS 8/5 MM WS	A.231
2007150000	WS 8/5 MM WS	A.232
2007150000	WS 8/5 MM WS	A.233
2007150000	WS 8/5 MM WS	A.234
2007150000	WS 8/5 MM WS	A.250
2007150000	WS 8/5 MM WS	A.251
2007150000	WS 8/5 MM WS	A.252
2007150000	WS 8/5 MM WS	A.254
2007150000	WS 8/5 MM WS	A.255
2007150000	WS 8/5 MM WS	A.257
2007150000	WS 8/5 MM WS	A.258
2007150000	WS 8/5 MM WS	A.260
2007150000	WS 8/5 MM WS	A.261
2007150000	WS 8/5 MM WS	A.262
2007150000	WS 8/5 MM WS	A.263
2007150000	WS 8/5 MM WS	A.264
2007150000	WS 8/5 MM WS	A.266
2007150000	WS 8/5 MM WS	A.267
2007150000	WS 8/5 MM WS	A.274
2007150000	WS 8/5 MM WS	A.275
2007150000	WS 8/5 MM WS	A.276
2007150000	WS 8/5 MM WS	A.277
2007150000	WS 8/5 MM WS	A.278
2007150000	WS 8/5 MM WS	A.279
2007150000	WS 8/5 MM WS	A.280
2007150000	WS 8/5 MM WS	A.281
2007150000	WS 8/5 MM WS	A.282
2007150000	WS 8/5 MM WS	A.299
2007150000	WS 8/5 MM WS	A.300
2007150000	WS 8/5 MM WS	A.301
2007150000	WS 8/5 MM WS	A.302
2007150000	WS 8/5 MM WS	A.320
2007150000	WS 8/5 MM WS	A.321
2007150000	WS 8/5 MM WS	A.322
2007150000	WS 8/5 MM WS	A.323
2007150000	WS 8/5 MM WS	A.325
2007150000	WS 8/5 MM WS	A.330
2007150000	WS 8/5 MM WS	A.331
2007150000	WS 8/5 MM WS	A.332
2007150000	WS 8/5 MM WS	A.340
2007150000	WS 8/5 MM WS	A.341
2007150000	WS 8/5 MM WS	A.358
2007150000	WS 8/5 MM WS	A.368
2007150000	WS 8/5 MM WS	A.369
2007150000	WS 8/5 MM WS	A.382
2007150000	WS 8/5 MM WS	A.383
2007150000	WS 8/5 MM WS	A.388
2007150000	WS 8/5 MM WS	A.389
2007150000	WS 8/5 MM WS	A.394
2007150000	WS 8/5 MM WS	A.395
2007150000	WS 8/5 MM WS	A.396
2007150000	WS 8/5 MM WS	A.397
2007150000	WS 8/5 MM WS	A.400
2007150000	WS 8/5 MM WS	A.401
2007150000	WS 8/5 MM WS	A.402
2007150000	WS 8/5 MM WS	A.403
2007150000	WS 8/5 MM WS	B.40
2007150000	WS 8/5 MM WS	B.41
2007150000	WS 8/5 MM WS	B.44
2007150000	WS 8/5 MM WS	B.45
2007150000	WS 8/5 MM WS	B.48
2007150000	WS 8/5 MM WS	B.50
2007150000	WS 8/5 MM WS	B.54
2007150000	WS 8/5 MM WS	B.96
2007150000	WS 8/5 MM WS	B.97
2007150000	WS 8/5 MM WS	B.111
2007150000	WS 8/5 MM WS	B.113
2007150000	WS 8/5 MM WS	B.274
2007150000	WS 8/5 MM WS	B.278
2007150000	WS 8/5 MM WS	B.279
2007150000	WS 8/5 MM WS	B.280
2007150000	WS 8/5 MM WS	B.285
2007150000	WS 8/5 MM WS	B.286
2007160000	WS 8/6 MM WS	A.10
2007160000	WS 8/6 MM WS	A.11
2007160000	WS 8/6 MM WS	A.30
2007160000	WS 8/6 MM WS	A.31
2007160000	WS 8/6 MM WS	A.40
2007160000	WS 8/6 MM WS	A.44
2007160000	WS 8/6 MM WS	A.60
2007160000	WS 8/6 MM WS	A.61
2007160000	WS 8/6 MM WS	A.70
2007160000	WS 8/6 MM WS	A.71
2007160000	WS 8/6 MM WS	A.94
2007160000	WS 8/6 MM WS	A.95
2007160000	WS 8/6 MM WS	A.99
2007160000	WS 8/6 MM WS	A.100
2007160000	WS 8/6 MM WS	A.104

Order No.	Type	Page
2007160000	WS 8/6 MM WS	A.107
2007160000	WS 8/6 MM WS	A.108
2007160000	WS 8/6 MM WS	A.109
2007160000	WS 8/6 MM WS	A.110
2007160000	WS 8/6 MM WS	A.111
2007160000	WS 8/6 MM WS	A.116
2007160000	WS 8/6 MM WS	A.118
2007160000	WS 8/6 MM WS	A.119
2007160000	WS 8/6 MM WS	A.121
2007160000	WS 8/6 MM WS	A.132
2007160000	WS 8/6 MM WS	A.133
2007160000	WS 8/6 MM WS	A.134
2007160000	WS 8/6 MM WS	A.135
2007160000	WS 8/6 MM WS	A.139
2007160000	WS 8/6 MM WS	A.190
2007160000	WS 8/6 MM WS	A.213
2007160000	WS 8/6 MM WS	A.214
2007160000	WS 8/6 MM WS	A.233
2007160000	WS 8/6 MM WS	A.281
2007160000	WS 8/6 MM WS	A.333
2007160000	WS 8/6 MM WS	A.334
2007160000	WS 8/6 MM WS	A.342
2007160000	WS 8/6 MM WS	A.343
2007160000	WS 8/6 MM WS	A.344
2007160000	WS 8/6 MM WS	A.345
2007160000	WS 8/6 MM WS	A.346
2007160000	WS 8/6 MM WS	A.360
2007160000	WS 8/6 MM WS	A.361
2007160000	WS 8/6 MM WS	A.362
2007160000	WS 8/6 MM WS	A.370
2007160000	WS 8/6 MM WS	A.371
2007160000	WS 8/6 MM WS	A.372
2007160000	WS 8/6 MM WS	A.373
2007160000	WS 8/6 MM WS	A.374
2007160000	WS 8/6 MM WS	A.375
2007160000	WS 8/6 MM WS	A.384
2007160000	WS 8/6 MM WS	A.385
2007160000	WS 8/6 MM WS	A.386
2007160000	WS 8/6 MM WS	A.387
2007160000	WS 8/6 MM WS	A.390
2007160000	WS 8/6 MM WS	A.398
2007160000	WS 8/6 MM WS	B.117
2007160000	WS 8/6 MM WS	B.118
2007160000	WS 8/6 MM WS	B.121
2007160000	WS 8/6 MM WS	B.143
2007160000	WS 8/6 MM WS	B.144
2007160000	WS 8/6 MM WS	B.145
2007160000	WS 8/6 MM WS	B.146
2007160000	WS 8/6 MM WS	B.147
2007160000	WS 8/6 MM WS	B.148
2007160000	WS 8/6 MM WS	B.149
2007160000	WS 8/6 MM WS	B.150
2007160000	WS 8/6 MM WS	B.151
2007160000	WS 8/6 MM WS	B.152
2007160000	WS 8/6 MM WS	B.153
2007160000	WS 8/6 MM WS	B.154
2007160000	WS 8/6 MM WS	B.155
2007160000	WS 8/6 MM WS	B.156
2007160000	WS 8/6 MM WS	B.157
2007160000	WS 8/6 MM WS	B.158
2007160000	WS 8/6 MM WS	B.159
2007160000	WS 8/6 MM WS	B.275
2007160000	WS 8/6 MM WS	B.279
2007160000	WS 8/6 MM WS	B.280
2007170000	WS 8/8 MM WS	A.191
2007170000	WS 8/8 MM WS	A.199
2007170000	WS 8/8 MM WS	A.223
2007170000	WS 8/8 MM WS	A.228
2007170000	WS 8/8 MM WS	A.229
2007170000	WS 8/8 MM WS	A.306
2007170000	WS 8/8 MM WS	A.307
2007170000	WS 8/8 MM WS	A.350
2007170000	WS 8/8 MM WS	A.351
2007170000	WS 8/8 MM WS	A.354

2010000000

2012420000	STB 14/D6/4/M3 SAK10	B.239
2012420000	STB 14/D6/4/M3 SAK10	B.240

2030000000

2035590000	MCV APG 2.5	A.51
2035590000	MCV APG 2.5	A.138
2035590000	MCV APG 2.5	A.140
2035590000	MCV APG 2.5	A.142

2040000000

2041180000	ATPG 2.5/5	A.8
2041180000	ATPG 2.5/5	A.9
2041180000	ATPG 2.5/5	A.18
2041180000	ATPG 2.5/5	A.19
2041180000	ATPG 2.5/5	A.20
2041180000	ATPG 2.5/5	A.21
2041180000	ATPG 2.5/5	A.22
2041180000	ATPG 2.5/5	A.23
2041180000	ATPG 2.5/5	A.24
2041180000	ATPG 2.5/5	A.25

Order No.	Type	Page
2041180000	ATPG 2.5/5	A.28
2041180000	ATPG 2.5/5	A.29
2041180000	ATPG 2.5/5	A.41
2041180000	ATPG 2.5/5	A.42
2041180000	ATPG 2.5/5	A.43
2041180000	ATPG 2.5/5	A.59
2041180000	ATPG 2.5/5	A.60
2041180000	ATPG 2.5/5	A.68
2041180000	ATPG 2.5/5	A.69
2041180000	ATPG 2.5/5	A.78
2041180000	ATPG 2.5/5	A.79
2041180000	ATPG 2.5/5	A.80
2041180000	ATPG 2.5/5	A.81
2041180000	ATPG 2.5/5	A.83
2041180000	ATPG 2.5/5	A.84
2041180000	ATPG 2.5/5	A.85
2041180000	ATPG 2.5/5	A.88
2041180000	ATPG 2.5/5	A.89
2041180000	ATPG 2.5/5	A.93
2041180000	ATPG 2.5/5	A.94
2041180000	ATPG 2.5/5	A.98
2041180000	ATPG 2.5/5	A.99
2041180000	ATPG 2.5/5	A.113
2041180000	ATPG 2.5/5	A.114
2041180000	ATPG 2.5/5	A.115
2041180000	ATPG 2.5/5	A.116
2041180000	ATPG 2.5/5	A.117
2041180000	ATPG 2.5/5	A.118
2041180000	ATPG 2.5/5	A.160
2041180000	ATPG 2.5/5	A.173
2041180000	ATPG 2.5/5	B.178
2041180000	ATPG 2.5/5	B.182
2041180000	ATPG 2.5/5	B.184
2041180000	ATPG 2.5/5	B.185
2041180000	ATPG 2.5/5	B.186
2041180000	ATPG 2.5/5	B.187
2041180000	ATPG 2.5/5	B.274
2041180000	ATPG 2.5/5	B.278
2041180000	ATPG 2.5/5	B.279
2041180000	ATPG 2.5/5	B.280
2041190000	ATPG 2.5/3	A.8
2041190000	ATPG 2.5/3	A.9
2041190000	ATPG 2.5/3	A.18
2041190000	ATPG 2.5/3	A.19
2041190000	ATPG 2.5/3	A.20
2041190000	ATPG 2.5/3	A.21
2041190000	ATPG 2.5/3	A.22
2041190000	ATPG 2.5/3	A.23
2041190000	ATPG 2.5/3	A.24
2041190000	ATPG 2.5/3	A.25
2041190000	ATPG 2.5/3	A.28
2041190000	ATPG 2.5/3	A.29
2041190000	ATPG 2.5/3	A.41
2041190000	ATPG 2.5/3	A.42
2041190000	ATPG 2.5/3	A.43
2041190000	ATPG 2.5/3	A.59
2041190000	ATPG 2.5/3	A.60
2041190000	ATPG 2.5/3	A.68
2041190000	ATPG 2.5/3	A.69
2041190000	ATPG 2.5/3	A.78
2041190000	ATPG 2.5/3	A.79
2041190000	ATPG 2.5/3	A.80
2041190000	ATPG 2.5/3	A.81
2041190000	ATPG 2.5/3	A.83
2041190000	ATPG 2.5/3	A.84
2041190000	ATPG 2.5/3	A.85
2041190000	ATPG 2.5/3	A.88
2041190000	ATPG 2.5/3	A.89
2041190000	ATPG 2.5/3	A.93
2041190000	ATPG 2.5/3	A.94
2041190000	ATPG 2.5/3	A.98
2041190000	ATPG 2.5/3	A.99
2041190000	ATPG 2.5/3	A.113
2041190000	ATPG 2.5/3	A.114
2041190000	ATPG 2.5/3	A.115
2041190000	ATPG 2.5/3	A.116
2041190000	ATPG 2.5/3	A.117
2041190000	ATPG 2.5/3	A.118
2041190000	ATPG 2.5/3	A.160
2041190000	ATPG 2.5/3	A.173
2041190000	ATPG 2.5/3	B.178
2041190000	ATPG 2.5/3	B.182
2041190000	ATPG 2.5/3	B.184
2041190000	ATPG 2.5/3	B.185
2041190000	ATPG 2.5/3	B.186
2041190000	ATPG 2.5/3	B.187
2041190000	ATPG 2.5/3	B.274
2041190000	ATPG 2.5/3	B.278
2041190000	ATPG 2.5/3	B.279
2041190000	ATPG 2.5/3	B.280

2050000000

2051180000	A2C 4	A.60
2051180000	A2C 4	A.163
2051180000	A2C 4	A.176
2051210000	A2C 4 BL	A.60
2051210000	A2C 4 BL	A.176
2051220000	A2C 4 RD	A.176

Order No.	Type	Page
2051230000	A2C 4 OR	A.176
2051240000	A3C 4	A.40
2051240000	A3C 4	A.61
2051240000	A3C 4	A.107
2051240000	A3C 4	A.108
2051240000	A3C 4	A.109
2051240000	A3C 4	A.163
2051240000	A3C 4	A.176
2051250000	A2C 4 YL	A.176
2051260000	A2C 4 GN	A.176
2051280000	A3C 4 BL	A.61
2051280000	A3C 4 BL	A.176
2051290000	A2C 4 WT	A.176
2051300000	A3C 4 RD	A.176
2051310000	A2C 4 BK	A.176
2051320000	A3C 4 OR	A.176
2051330000	A2C 4 LTGY	A.176
2051340000	A3C 4 YL	A.176
2051350000	A3C 4 GN	A.176
2051360000	A2C 4 PE	A.94
2051360000	A2C 4 PE	A.163
2051370000	A3C 4 WT	A.176
2051400000	A3C 4 BK	A.176
2051410000	A3C 4 PE	A.40
2051410000	A3C 4 PE	A.95
2051410000	A3C 4 PE	A.107
2051410000	A3C 4 PE	A.108
2051410000	A3C 4 PE	A.109
2051410000	A3C 4 PE	A.163
2051460000	A3C 4 LTGY	A.176
2051500000	A4C 4	A.61
2051500000	A4C 4	A.163
2051500000	A4C 4	A.176
2051520000	A4C 4 BL	A.61
2051520000	A4C 4 BL	A.176
2051530000	A4C 4 RD	A.176
2051540000	A4C 4 OR	A.176
2051550000	A4C 4 YL	A.176
2051560000	A4C 4 PE	A.95
2051560000	A4C 4 PE	A.163
2051580000	A4C 4 GN	A.176
2051610000	A4C 4 WT	A.176
2051660000	A4C 4 BK	A.176
2051670000	A4C 4 LTGY	A.176
2051680000	AEP 2C 4	A.60
2051680000	AEP 2C 4	A.94
2051680000	AEP 2C 4	A.132
2051680000	AEP 2C 4	B.275
2051690000	AEP 2C 4 BL	A.60
2051690000	AEP 2C 4 BL	A.132
2051720000	AEP 3C 4	A.61
2051720000	AEP 3C 4	A.95
2051720000	AEP 3C 4	A.116
2051720000	AEP 3C 4	A.133
2051880000	AEP 3C 4 BL	A.61
2051880000	AEP 3C 4 BL	A.116
2051880000	AEP 3C 4 BL	A.133
2051900000	AEP 4C 4	A.61
2051900000	AEP 4C 4	A.95
2051910000	AEP 4C 4 BL	A.61

2060000000

2065120000	ALO 6 BL	A.64

2100000000

2108470000	ZQV 2.5N/2 RD	A.168
2108470000	ZQV 2.5N/2 RD	A.412
2108470000	ZQV 2.5N/2 RD	B.110
2108470000	ZQV 2.5N/2 RD	B.111
2108470000	ZQV 2.5N/2 RD	B.112
2108470000	ZQV 2.5N/2 RD	B.113
2108470000	ZQV 2.5N/2 RD	B.114
2108470000	ZQV 2.5N/2 RD	B.115
2108690000	ZQV 2.5N/3 RD	A.168
2108690000	ZQV 2.5N/3 RD	A.412
2108700000	ZQV 2.5N/4 RD	A.168
2108700000	ZQV 2.5N/4 RD	A.412
2108710000	ZQV 2.5N/5 RD	A.168
2108710000	ZQV 2.5N/5 RD	A.412
2108720000	ZQV 2.5N/6 RD	A.168
2108720000	ZQV 2.5N/6 RD	A.412
2108810000	ZQV 2.5N/7 RD	A.168
2108810000	ZQV 2.5N/7 RD	A.412
2108870000	ZQV 2.5N/8 RD	A.168
2108870000	ZQV 2.5N/8 RD	A.412
2108900000	ZQV 2.5N/9 RD	A.168
2108900000	ZQV 2.5N/9 RD	A.412
2108910000	ZQV 2.5N/10 RD	A.168
2108910000	ZQV 2.5N/10 RD	A.412
2108910000	ZQV 2.5N/10 RD	B.110
2108910000	ZQV 2.5N/10 RD	B.111
2108910000	ZQV 2.5N/10 RD	B.112
2108910000	ZQV 2.5N/10 RD	B.113
2108910000	ZQV 2.5N/10 RD	B.114
2108910000	ZQV 2.5N/10 RD	B.115
2108920000	ZQV 2.5N/20 RD	A.168
2108920000	ZQV 2.5N/20 RD	A.412

Order No.	Type	Page
2109000000	ZQV 2.5N/50 RD	A.168
2109000000	ZQV 2.5N/50 RD	A.412

2110000000

2111230000	SAKQB 6/10	B.236
2111240000	SAKQS 6/2	B.236
2111240000	SAKQS 6/2	B.237
2111670000	SAKQS 6/4	B.236
2111670000	SAKQS 6/4	B.237

2260000000

2269800000	KLBUE 4-6 Z/1	B.262

2330000000

2334730000	ADHB/8 WTL35	B.248
2334730000	ADHB/8 WTL35	B.249

2420000000

2428510000	A3T 2.5	A.88
2428520000	A3T 2.5 BL	A.88
2428530000	A3T 2.5 FT-FT-PE	A.89
2428540000	A3T 2.5 VL	A.88
2428550000	A3T 2.5 PE	A.105
2428560000	AEP 3T 2.5	A.78
2428560000	AEP 3T 2.5	A.88
2428560000	AEP 3T 2.5	A.89
2428560000	AEP 3T 2.5	A.105
2428840000	A3T 2.5 N-FT-PE	A.89
2428850000	A3T 2.5 VL BL	A.88
2428860000	AEP 3T 2.5 BL	A.78
2428860000	AEP 3T 2.5 BL	A.88
2428860000	AEP 3T 2.5 BL	A.89
2428910000	AAP21 10 LO RD	B.116
2428920000	AAP21 10 FE	B.116
2428930000	AAP21 4 LI RD	B.117
2428940000	AAP21 10 LO BL	B.116
2428950000	AAP21 4 FS	B.118
2428960000	AAP21 4 LI BL	B.117
2428980000	AAP21 4 DT	B.118
2428990000	AAP22 10 LO-LO	B.120
2429000000	AAP22 10 FE-LO	B.120
2429010000	AAP22 4 LI-FS	B.121
2429020000	AEP AP21	B.116
2429020000	AEP AP21	B.117
2429020000	AEP AP21	B.118
2429040000	AEP AP22	B.120
2429040000	AEP AP22	B.121
2429520000	WDU 2.5 GE/SW	B.286
2429850000	ADT 4 2C	A.116
2429850000	ADT 4 2C	A.163
2429860000	AFS 4 2C BK	A.107
2429860000	AFS 4 2C BK	A.163
2429870000	AFS 4 2C 10-36V BK	A.107
2429880000	ADT 4 2C BL	A.116

2430000000

2433820000	AEP MC 2.5	A.90
2433820000	AEP MC 2.5	B.96
2434340000	AMC 2.5	A.90
2434340000	AMC 2.5	B.96
2434350000	AFS 4 2C 30-70V BK	A.107
2434370000	AMC 2.5 800V	A.90
2434370000	AMC 2.5 800V	B.96
2434380000	AFS 4 2C 60-150V BK	A.107
2434390000	AFS 4 2C 100-250V BK	A.107
2436360000	WTR 4/ZZ STB/O.TNHE	A.374
2436380000	WTR 4/O.TNHE	A.373
2436390000	WTR 4 STB/O.TNHE	A.373
2436420000	WTR 4/ZZ/O.TNHE	A.374

2440000000

2445070000	WAD 12 MC NE WS	A.310
2445070000	WAD 12 MC NE WS	A.311
2445070000	WAD 12 MC NE WS	A.312
2445070000	WAD 12 MC NE WS	A.313
2445070000	WAD 12 MC NE WS	B.26
2445070000	WAD 12 MC NE WS	B.27
2445070000	WAD 12 MC NE WS	B.287
2445070000	WAD 12 MC NE WS	B.288
2445090000	WAD 12 MC B GE/SW	A.310
2445090000	WAD 12 MC B GE/SW	A.311
2445090000	WAD 12 MC B GE/SW	A.312
2445090000	WAD 12 MC B GE/SW	A.313
2445090000	WAD 12 MC B GE/SW	B.26
2445090000	WAD 12 MC B GE/SW	B.27
2445090000	WAD 12 MC B GE/SW	B.287
2445090000	WAD 12 MC B GE/SW	B.288
2448860000	DEK-A 5/8 MM WS	A.12
2448860000	DEK-A 5/8 MM WS	A.13
2448860000	DEK-A 5/8 MM WS	A.14
2448860000	DEK-A 5/8 MM WS	A.15
2448860000	DEK-A 5/8 MM WS	A.16
2448860000	DEK-A 5/8 MM WS	A.17
2448860000	DEK-A 5/8 MM WS	A.32
2448860000	DEK-A 5/8 MM WS	A.33
2448860000	DEK-A 5/8 MM WS	A.34
2448860000	DEK-A 5/8 MM WS	A.35
2448860000	DEK-A 5/8 MM WS	A.62
2448860000	DEK-A 5/8 MM WS	A.63
2448860000	DEK-A 5/8 MM WS	A.64
2448860000	DEK-A 5/8 MM WS	A.95
2448860000	DEK-A 5/8 MM WS	A.96
2448860000	DEK-A 5/8 MM WS	A.136
2448860000	DEK-A 5/8 MM WS	B.104
2448860000	DEK-A 5/8 MM WS	B.105
2448860000	DEK-A 5/8 MM WS	B.106
2448860000	DEK-A 5/8 MM WS	B.107
2448860000	DEK-A 5/8 MM WS	B.213
2448860000	DEK-A 5/8 MM WS	B.215
2448860000	DEK-A 5/8 MM WS	B.217
2448860000	DEK-A 5/8 MM WS	B.275
2448860000	DEK-A 5/8 MM WS	B.281
2448930000	WS-A 8/8 MM WS	A.12
2448930000	WS-A 8/8 MM WS	A.13
2448930000	WS-A 8/8 MM WS	A.14
2448930000	WS-A 8/8 MM WS	A.15
2448930000	WS-A 8/8 MM WS	A.16
2448930000	WS-A 8/8 MM WS	A.17
2448930000	WS-A 8/8 MM WS	A.32
2448930000	WS-A 8/8 MM WS	A.33
2448930000	WS-A 8/8 MM WS	A.34
2448930000	WS-A 8/8 MM WS	A.35
2448930000	WS-A 8/8 MM WS	A.62
2448930000	WS-A 8/8 MM WS	A.63
2448930000	WS-A 8/8 MM WS	A.64
2448930000	WS-A 8/8 MM WS	A.95
2448930000	WS-A 8/8 MM WS	A.96
2448930000	WS-A 8/8 MM WS	A.136
2448930000	WS-A 8/8 MM WS	B.104
2448930000	WS-A 8/8 MM WS	B.105
2448930000	WS-A 8/8 MM WS	B.106
2448930000	WS-A 8/8 MM WS	B.107
2448930000	WS-A 8/8 MM WS	B.108
2448930000	WS-A 8/8 MM WS	B.109
2448930000	WS-A 8/8 MM WS	B.275
2448930000	WS-A 8/8 MM WS	B.281
2449680000	ZP 4/1 AN ZA 0.RA BL	A.270

2450000000

2456000000	WDTR 2.5	A.380
2456010000	WDTR 2.5 BL	A.380
2456020000	WDTR 2.5/WE	A.380
2456030000	WDTR 2.5 O.STB	A.380
2457570000	APGLE 2.5/4	A.51
2457570000	APGLE 2.5/4	A.53
2457570000	APGLE 2.5/4	A.138
2457570000	APGLE 2.5/4	A.139
2457570000	APGLE 2.5/4	A.140
2457570000	APGLE 2.5/4	A.143
2457570000	APGLE 2.5/4	A.388
2457570000	APGLE 2.5/4	A.389
2457570000	APGLE 2.5/4	A.392
2457580000	APGSR 2.5/4	A.51
2457580000	APGSR 2.5/4	A.52
2457580000	APGSR 2.5/4	A.138
2457580000	APGSR 2.5/4	A.139
2457580000	APGSR 2.5/4	A.140
2457580000	APGSR 2.5/4	A.142
2457580000	APGSR 2.5/4	A.388
2457580000	APGSR 2.5/4	A.389
2457580000	APGSR 2.5/4	A.393
2457590000	APGSR 2.5/4 - 4P	A.51
2457590000	APGSR 2.5/4 - 4P	A.52
2457590000	APGSR 2.5/4 - 4P	A.138
2457590000	APGSR 2.5/4 - 4P	A.139
2457590000	APGSR 2.5/4 - 4P	A.140
2457590000	APGSR 2.5/4 - 4P	A.142
2457590000	APGSR 2.5/4 - 4P	A.393
2457600000	APGSR 2.5/4 - 8P	A.51
2457600000	APGSR 2.5/4 - 8P	A.52
2457600000	APGSR 2.5/4 - 8P	A.138
2457600000	APGSR 2.5/4 - 8P	A.139
2457600000	APGSR 2.5/4 - 8P	A.140
2457600000	APGSR 2.5/4 - 8P	A.142
2457600000	APGSR 2.5/4 - 8P	A.393
2458990000	AAP21 4 FS 10-36V	B.118
2459010000	AAP22 4 LI-FS 10-36V	B.121

2460000000

2460120000	AAP22 4 LI-FS 100-250V	B.121
2460130000	AAP22 4 LI-FS 60-150V	B.121
2460140000	AAP22 4 LI-FS 30-70V	B.121
2460180000	AAP21 4 FS 100-250V	B.118
2460190000	AAP21 4 FS 60-150V	B.118
2460200000	AAP21 4 FS 30-70V	B.118
2460450000	ZQV 4N/2 RD	A.168
2460450000	ZQV 4N/2 RD	A.412
2460450000	ZQV 4N/2 RD	B.116
2460450000	ZQV 4N/2 RD	B.117
2460450000	ZQV 4N/2 RD	B.118
2460450000	ZQV 4N/2 RD	B.120
2460450000	ZQV 4N/2 RD	B.121
2460730000	ZQV 4N/50 RD	A.168
2460730000	ZQV 4N/50 RD	A.412
2460740000	ZQV 4N/10 RD	A.168
2460740000	ZQV 4N/10 RD	A.412
2460740000	ZQV 4N/10 RD	B.116
2460740000	ZQV 4N/10 RD	B.117
2460740000	ZQV 4N/10 RD	B.118
2460740000	ZQV 4N/10 RD	B.120
2460740000	ZQV 4N/10 RD	B.121
2460750000	ZQV 4N/9 RD	A.168
2460750000	ZQV 4N/9 RD	A.412
2460760000	ZQV 4N/8 RD	A.168
2460760000	ZQV 4N/8 RD	A.412
2460770000	ZQV 4N/7 RD	A.168
2460770000	ZQV 4N/7 RD	A.412
2460780000	ZQV 4N/6 RD	A.168
2460780000	ZQV 4N/6 RD	A.412
2460790000	ZQV 4N/5 RD	A.168
2460790000	ZQV 4N/5 RD	A.412
2460800000	ZQV 4N/4 RD	A.168
2460800000	ZQV 4N/4 RD	A.412
2460810000	ZQV 4N/3 RD	A.168
2460810000	ZQV 4N/3 RD	A.412
2463540000	TNST OR	A.120
2463540000	TNST OR	A.121
2463540000	TNST OR	A.370
2463540000	TNST OR	A.371
2463540000	TNST OR	A.372
2463540000	TNST OR	A.380
2463540000	TNST OR	A.385
2463540000	TNST OR	A.386
2463540000	TNST OR	A.387
2463540000	TNST OR	B.145
2463540000	TNST OR	B.146
2463540000	TNST OR	B.147
2463540000	TNST OR	B.154
2463540000	TNST OR	B.156
2463540000	TNST OR	B.190
2463540000	TNST OR	B.191
2463540000	TNST OR	B.192
2463540000	TNST OR	B.193
2464690000	AAP11 6/6X1.5 LO-LI RD	B.105
2464710000	AAP12 10/4X2.5 PE-LI	B.111
2464720000	AAP12 10/4X2.5 LO-LI BL	B.111
2464730000	AAP12 10/4X2.5 LO-LI RD	B.111
2464740000	AAP11 6/6X1.5 PE-LI	B.105
2464750000	AAP11 6/6X1.5 LO-LI BL	B.105
2466530000	AFS 2.5 CF 2C BK	A.106
2466530000	AFS 2.5 CF 2C BK	A.163
2466600000	AFS 2.5 CF 2C 24V BK	A.106
2466600000	AFS 2.5 CF 2C 24V BK	A.163
2466610000	AFS 2.5 CF 2C 12V BK	A.106
2466610000	AFS 2.5 CF 2C 12V BK	A.163
2469370000	A2T 1.5	A.76
2469370000	A2T 1.5	A.163
2469390000	A2T 1.5 FT-PE	A.77
2469400000	A2T 1.5 VL	A.76
2469410000	A2T 1.5 PE	A.102
2469410000	A2T 1.5 PE	A.163
2469420000	AEP 2T 1.5	A.76
2469420000	AEP 2T 1.5	A.77
2469420000	AEP 2T 1.5	A.102
2469420000	AEP 2T 1.5	A.125
2469420000	AEP 2T 1.5	A.126
2469420000	AEP 2T 1.5	B.207

2470000000

2471430000	A2T 1.5 BL	A.76
2471450000	A2T 1.5 VL BL	A.76
2471470000	AEP 2T 1.5 BL	A.76
2471470000	AEP 2T 1.5 BL	A.77
2471470000	AEP 2T 1.5 BL	A.125
2471470000	AEP 2T 1.5 BL	A.126
2471470000	AEP 2T 1.5 BL	B.207
2475310000	AEB 35 SC/1 BK	B.40
2475310000	AEB 35 SC/1 BK	B.41
2475310000	AEB 35 SC/1 BK	B.44
2475310000	AEB 35 SC/1 BK	B.45
2475310000	AEB 35 SC/1 BK	B.48
2475310000	AEB 35 SC/1 BK	B.50
2475310000	AEB 35 SC/1 BK	C.15

2480000000

2482160000	APGTB 1.5 FT 2C/1	A.122
2482160000	APGTB 1.5 FT 2C/1	A.163
2482170000	APGTB 1.5 FT 2C/1 BL	A.122
2482180000	APGTB 1.5 FT 3C/1	A.123
2482180000	APGTB 1.5 FT 3C/1	A.163
2482190000	APGTB 1.5 FT 3C/1 BL	A.123
2482200000	APGTB 1.5 FT 4C/2	A.123
2482200000	APGTB 1.5 FT 4C/2	A.163
2482210000	APGTB 1.5 FT 4C/2 BL	A.123
2482220000	APGTB 1.5 PE 2C/1	A.122
2482220000	APGTB 1.5 PE 2C/1	A.163
2482230000	APGTB 1.5 PE 3C/1	A.123
2482230000	APGTB 1.5 PE 3C/1	A.163
2482240000	APGTB 1.5 PE 4C/2	A.124
2482240000	APGTB 1.5 PE 4C/2	A.163
2482250000	APG 1.5 L	A.122
2482250000	APG 1.5 L	A.123
2482250000	APG 1.5 L	A.124
2482250000	APG 1.5 L	A.125
2482250000	APG 1.5 L	A.126
2482250000	APG 1.5 L	A.142
2482260000	APG 1.5 L BL	A.142
2482270000	APG 1.5 L GN	A.142
2482280000	APG 1.5 MI	A.122
2482280000	APG 1.5 MI	A.123
2482280000	APG 1.5 MI	A.124
2482280000	APG 1.5 MI	A.125
2482280000	APG 1.5 MI	A.126
2482280000	APG 1.5 MI	A.142
2482290000	APG 1.5 MI BL	A.142
2482300000	APG 1.5 MI GN	A.142
2482310000	APG 1.5 R	A.122
2482310000	APG 1.5 R	A.123
2482310000	APG 1.5 R	A.124
2482310000	APG 1.5 R	A.125
2482310000	APG 1.5 R	A.126
2482310000	APG 1.5 R	A.142
2482320000	APG 1.5 R BL	A.142
2482330000	APG 1.5 R GN	A.142
2482340000	APG 1.5/1	A.122
2482340000	APG 1.5/1	A.123
2482340000	APG 1.5/1	A.124
2482340000	APG 1.5/1	A.125
2482340000	APG 1.5/1	A.126
2482340000	APG 1.5/1	A.138
2482350000	APG 1.5/2	A.138
2482360000	APG 1.5/3	A.138
2482370000	APG 1.5/4	A.138
2482380000	APG 1.5/5	A.138
2482390000	APG 1.5/6	A.138
2482400000	APG 1.5/7	A.138
2482410000	APG 1.5/8	A.138
2482420000	APG 1.5/9	A.138
2482430000	APG 1.5/10	A.122
2482430000	APG 1.5/10	A.123
2482430000	APG 1.5/10	A.124
2482430000	APG 1.5/10	A.125
2482430000	APG 1.5/10	A.126
2482430000	APG 1.5/10	A.138
2482440000	APG 1.5/5-3BG-BL-GN	A.138
2482450000	APG 1.5/4-3BG-GN	A.140
2482460000	APG 1.5/3-BG-BL-GN	A.138
2482510000	AEP PGTB 1.5 4C/2	A.123
2482510000	AEP PGTB 1.5 4C/2	A.124
2482520000	AEP PGTB 1.5 4C/2 BL	A.123
2482530000	APGPC 1.5	A.138
2482530000	APGPC 1.5	A.140
2482530000	APGPC 1.5	A.143
2482720000	APGLE 1.5	A.138
2482720000	APGLE 1.5	A.140
2482720000	APGLE 1.5	A.143
2482730000	APGSR 1.5	A.138
2482730000	APGSR 1.5	A.140
2482730000	APGSR 1.5	A.142
2482740000	APGSR 1.5 - 4P	A.138
2482740000	APGSR 1.5 - 4P	A.140
2482740000	APGSR 1.5 - 4P	A.142
2482750000	APGSR 1.5 - 8P	A.138
2482750000	APGSR 1.5 - 8P	A.140
2482750000	APGSR 1.5 - 8P	A.142
2484220000	WS 12/9.5-11 MC NE WS	A.429
2484220000	WS 12/9.5-11 MC NE WS	A.430
2484220000	WS 12/9.5-11 MC NE WS	B.250
2484220000	WS 12/9.5-11 MC NE WS	B.251
2485840000	APGTB 1.5 2T 4C/2	A.125
2485840000	APGTB 1.5 2T 4C/2	A.163
2485850000	APGTB 1.5 2T 4C/2 BL	A.125
2485860000	APGTB 1.5 2T FT-PE 4C/2	A.126
2485870000	APGTB 1.5 2T PE 4C/2	A.126
2485870000	APGTB 1.5 2T PE 4C/2	A.163
2485920000	APGTB 1.5 2T VL 4C/2	A.125
2485930000	APGTB 1.5 2T VL 4C/2 BL	A.125
2485980000	MCV APG 1.5	A.138
2485980000	MCV APG 1.5	A.140
2485980000	MCV APG 1.5	A.142
2486640000	AEP 3C 4 BK	A.107
2486640000	AEP 3C 4 BK	A.108
2486660000	AEP 4C 2.5 BK	A.106
2488970000	APP 1	A.163
2489090000	APP 2	A.163
2489100000	APP 3	A.163
2489110000	APP 4	A.163

2490000000

2490360000	A2C 10	A.65
2490370000	A2C 10 BL	A.65
2490380000	AEP 2C 10/16	A.65
2490380000	AEP 2C 10/16	A.66
2490380000	AEP 2C 10/16	A.97
2490380000	AEP 2C 10/16	B.275

Order No.	Type	Page
2490390000	AEP 2C 10/16 BL	A.65
2490390000	AEP 2C 10/16 BL	A.66
2490440000	A2C 10 PE	A.97
2490510000	A3C 10 BL	A.65
2490520000	A3C 10	A.65
2490530000	AEP 3C 10/16	A.65
2490530000	AEP 3C 10/16	A.66
2490530000	AEP 3C 10/16	A.97
2490530000	AEP 3C 10/16	A.98
2490540000	AEP 3C 10/16 BL	A.65
2490540000	AEP 3C 10/16 BL	A.66
2490590000	A3C 10 PE	A.97
2494000000	A2C 16	A.66
2494010000	A2C 16 PE	A.97
2494020000	A3C 16 PE	A.98
2494080000	A3C 16 BL	A.66
2494090000	A3C 16	A.66
2494100000	A2C 16 BL	A.66
2497250000	ZQV 10N/2	A.16
2497250000	ZQV 10N/2	A.65
2497250000	ZQV 10N/2	A.169
2497250000	ZQV 10N/2	B.179
2497250000	ZQV 10N/2	B.183
2497290000	ZQV 16N/2	A.17
2497290000	ZQV 16N/2	A.66
2497290000	ZQV 16N/2	A.169

2500000000

2502280000	ALO 16	A.67
2502320000	ALO 16 BL	A.67
2502530000	WPD 130 1X50/1X50 GY	B.40
2502540000	WPD 130 1X50/1X50 BL	B.40
2502550000	WPD 130 1X50/1X50 GN	B.40
2502560000	WPD 130 1X50/1X50 BN	B.40
2502570000	WPD 130 1X50/1X50 BK	B.40
2502580000	WPD 230 2X50/2X50 GY	B.40
2502590000	WPD 230 2X50/2X50 BL	B.40
2502600000	WPD 230 2X50/2X50 GN	B.40
2502610000	WPD 230 2X50/2X50 BN	B.40
2502620000	WPD 330 3X50/3X50 3XGY	B.41
2502640000	WPD 330 3X50/3X50 1XGY/1XBL/1XGN	B.41
2502650000	WPD 330 3X50/3X50 1XBN/1XBK/1XGY	B.41
2502660000	WPD 131 1X95/1X95 BL	B.44
2502670000	WPD 131 1X95/1X95 GN	B.44
2502680000	WPD 131 1X95/1X95 BN	B.44
2502690000	WPD 131 1X95/1X95 BK	B.44
2502700000	WPD 231 2X95/2X95 GY	B.44
2502710000	WPD 231 2X95/2X95 BL	B.44
2502720000	WPD 231 2X95/2X95 GN	B.44
2502730000	WPD 231 2X95/2X95 BN	B.44
2502740000	WPD 231 2X95/2X95 BK	B.44
2502750000	WPD 132 1X185/1X185 GY	B.48
2502760000	WPD 132 1X185/1X185 BL	B.48
2502770000	WPD 132 1X185/1X185 GN	B.48
2502780000	WPD 132 1X185/1X185 BN	B.48
2502790000	WPD 132 1X185/1X185 BK	B.48
2502800000	WPD 232 2X185/2X185 GY	B.48
2502810000	WPD 232 2X185/2X185 BL	B.48
2502820000	WPD 232 2X185/2X185 GN	B.48
2502830000	WPD 232 2X185/2X185 BN	B.48
2502840000	WPD 232 2X185/2X185 BK	B.48
2502850000	WPD 133 1X300/1X300 GY	B.50
2502860000	WPD 133 1X300/1X300 BL	B.50
2502870000	WPD 133 1X300/1X300 GN	B.50
2502880000	WPD 133 1X300/1X300 BN	B.50
2502890000	WPD 133 1X300/1X300 BK	B.50
2502900000	WPD 233 2X300/2X300 GY	B.50
2502910000	WPD 233 2X300/2X300 BL	B.50
2502920000	WPD 233 2X300/2X300 GN	B.50
2502930000	WPD 233 2X300/2X300 BN	B.50
2502940000	WPD 233 2X300/2X300 BK	B.50
2502950000	WPD 230 2X50/2X50 BK	B.40
2503090000	WPD 131 1X95/1X95 GY	B.44
2503330000	WPDPC X30 GY	B.40
2503330000	WPDPC X30 GY	B.41
2503370000	WPDPC X31 GY	B.44
2503370000	WPDPC X31 GY	B.45
2503380000	WPDPC X32 GY	B.48
2503390000	WPDPC X33 GY	B.50
2503650000	AAP11 6 LO OR	B.104
2503870000	AAP11 6/6X1.5 LO-LI OR	B.105
2503880000	AAP12 2.5 LI OR	B.111
2503890000	AAP12 10/4X2.5 LO-LI OR	B.111
2503900000	AAP12 10 LO OR	B.110
2503910000	AAP11 1.5 LI OR	B.105
2506090000	SET AAP11 6/1.5/12C	B.108
2506340000	SET AAP13 6/1.5/12C	B.109
2506350000	SET AAP12 10/2.5/10C	B.114
2506360000	SET AAP14 10/2.5/10C	B.115
2506370000	SET AAP11 6/1.5/24C	B.108
2506380000	SET AAP13 6/1.5/24C	B.109
2508000000	A2C 2.5 DBL	A.176
2508020000	A2C 1.5 RD	A.176
2508030000	A2C 2.5 BR	A.176
2508160000	A2C 1.5 WT	A.176
2508170000	A2C 1.5 BK	A.176
2508180000	A2C 1.5 DBL	A.176
2508190000	A2C 1.5 YL	A.176
2508200000	A2C 1.5 BR	A.176
2508210000	A2C 1.5 GN	A.176
2508220000	A2C 1.5 LTGY	A.176

2510000000

2518250000	WPD 104 1X25+1X16/2X16+3X10 BL	B.70
2518330000	WPD 204 2X25/4X16+6X10 2XBL	B.70
2518340000	WPD 304 3X25/6X16+9X10 3XBL	B.71
2518540000	WPD 105 1X35+1X16/2X25+3X16 BL	B.74
2518570000	WPD 106 1X70/2X25+3X16 BL	B.78
2519190000	MF 10/8 MM WS	A.109
2519470000	WPD 205 2X35/4X25+6X16 2XBL	B.74
2519480000	WPD 108 1X120/2X35+3X25+4X16 BL	B.82
2519490000	WPD 109 1X185/2X35+3X25+4X16 BL	B.84

2520000000

2521730000	WPD 107 1X95/2X35+8X25 BL	B.80
2521770000	WPD 305 3X35/6X25+9X16 3XBL	B.75
2522720000	AAP11 6 LO BL/OR	B.104
2522830000	AAP11 6/6X1.5 LO-LI BL/OR	B.105
2522840000	AAP12 2.5 LI BL/OR	B.111
2522850000	AAP12 10/4X2.5 LO-LI BL/OR	B.111
2522860000	AAP12 10 LO BL/OR	B.110
2522870000	AAP11 1.5 LI BL/OR	B.105

2530000000

2531290000	A2T 2.5 3C	A.80
2531300000	A2T 2.5 3C FT-PE	A.81
2531310000	A2T 2.5 3C VL	A.80
2531320000	A2T 2.5 3C PE	A.104
2531510000	A2T 2.5 3C BL	A.80
2531530000	A2T 2.5 3C VL BL	A.80
2532690000	AEP 2T 2.5 3C	A.80
2532690000	AEP 2T 2.5 3C	A.104
2532700000	AEP 2T 2.5 3C BL	A.80
2534230000	A3C 1.5 BK	A.176
2534260000	A4C 1.5 BK	A.176
2534290000	A3C 4 BR	A.176
2534360000	A3C 4 DBL	A.176
2534370000	A2C 4 BR	A.176
2534380000	A2C 4 DBL	A.176
2534390000	A4C 4 BR	A.176
2534400000	A4C 4 DBL	A.176
2534410000	A4C 1.5 GN	A.176
2534420000	A4C 1.5 LTGY	A.176
2534430000	A4C 1.5 RD	A.176
2534440000	A4C 1.5 WT	A.176
2534450000	A4C 1.5 YL	A.176
2534460000	A4C 1.5 BR	A.176
2534470000	A4C 1.5 DBL	A.176
2534480000	A3C 1.5 GN	A.176
2534490000	A3C 1.5 LTGY	A.176
2534500000	A3C 1.5 RD	A.176
2534510000	A3C 1.5 WT	A.176
2534520000	A3C 1.5 YL	A.176
2534530000	A3C 1.5 BR	A.176
2534540000	A3C 1.5 DBL	A.176
2534690000	A3C 2.5 DBL	A.176
2534730000	A3C 2.5 BR	A.176
2534740000	A4C 2.5 DBL	A.176
2534750000	A4C 2.5 BR	A.176
2539970000	A2T 4	A.82
2539980000	A2T 4 FT-PE	A.83
2539990000	A2T 4 PE	A.104

2540000000

2540000000	AEP 2T 4	A.82
2540000000	AEP 2T 4	A.83
2540000000	AEP 2T 4	A.104
2540000000	AEP 2T 4	A.134
2540000000	AEP 2T 4	A.135
2540010000	AEP 2T 4 BL	A.82
2540010000	AEP 2T 4 BL	A.83
2540010000	AEP 2T 4 BL	A.134
2540010000	AEP 2T 4 BL	A.135
2540020000	A2T 4 VL	A.82
2540030000	A2T 4 VL BL	A.82
2540040000	A2T 4 BL	A.82
2540050000	APGTB 4 FT 2C/1	A.132
2540060000	APGTB 4 FT 2C/1 BL	A.132
2540070000	APGTB 4 FT 3C/1	A.133
2540080000	APGTB 4 FT 3C/1 BL	A.133
2540090000	APGTB 4 FT 4C/2	A.133
2540100000	APGTB 4 FT 4C/2 BL	A.133
2540110000	APGTB 4 PE 2C/1	A.132
2540170000	APGTB 4 PE 3C/1	A.133
2540180000	APGTB 4 PE 4C/2	A.134
2540210000	AEP PGTB 4 4C/2	A.133
2540210000	AEP PGTB 4 4C/2	A.134
2540230000	APGTB 4 2T 4C/2	A.134
2540250000	APGTB 4 2T 4C/2 BL	A.134
2540260000	APGTB 4 2T VL 4C/2	A.135
2540270000	APGTB 4 2T VL 4C/2 BL	A.135
2540280000	AEP PGTB 4 4C/2 BL	A.133
2540280000	AEP PGTB 4 4C/2 BL	A.134
2540290000	APGTB 4 2T FT-PE 4C/2	A.135
2540300000	APGTB 4 2T PE 4C/2	A.135
2540360000	APG 4 L	A.132
2540360000	APG 4 L	A.133
2540360000	APG 4 L	A.134
2540360000	APG 4 L	A.135
2540360000	APG 4 L	A.142
2540430000	APG 4/5-3BG-BL-GN	A.139
2540440000	APG 4/4-3BG-GN	A.139
2540450000	APG 4/3-BG-BL-GN	A.139
2540460000	APG 4/1	A.132
2540460000	APG 4/1	A.133
2540460000	APG 4/1	A.134
2540460000	APG 4/1	A.135
2540460000	APG 4/1	A.139
2540470000	APG 4/2	A.139
2540480000	APG 4/3	A.139
2540490000	APG 4/4	A.139
2540500000	APG 4/5	A.139
2540510000	APG 4/6	A.139
2540520000	APG 4/7	A.139
2540530000	APG 4/8	A.139
2540540000	APG 4/9	A.139
2540550000	APG 4/10	A.132
2540550000	APG 4/10	A.133
2540550000	APG 4/10	A.134
2540550000	APG 4/10	A.135
2540550000	APG 4/10	A.139
2540560000	APG 4 L BL	A.142
2540570000	APG 4 L GN	A.142
2540580000	APG 4 MI	A.132
2540580000	APG 4 MI	A.133
2540580000	APG 4 MI	A.134
2540580000	APG 4 MI	A.135
2540580000	APG 4 MI	A.142
2540590000	APG 4 MI BL	A.142
2540600000	APG 4 MI GN	A.142
2540610000	APG 4 R	A.132
2540610000	APG 4 R	A.133
2540610000	APG 4 R	A.134
2540610000	APG 4 R	A.135
2540610000	APG 4 R	A.142
2540620000	APG 4 R BL	A.142
2540630000	APG 4 R GN	A.142
2540800000	MCV APG 4	A.139
2540800000	MCV APG 4	A.142
2540960000	APGPC 4	A.139
2540960000	APGPC 4	A.143
2548140000	AFS 4 2C BK/BL	A.108

2550000000

2551510000	A2C 35	A.72
2551510000	A2C 35	B.8
2551520000	A2C 35 PE	A.101
2551520000	A2C 35 PE	B.9
2551530000	A2C 35 FE	B.8
2551530000	A2C 35 FE	B.282
2551540000	A2C 35 3FT-N-PE	B.11
2551550000	A2C 35 DM	A.72
2551550000	A2C 35 DM	B.9
2552090000	A2C 35 BL	A.72
2552090000	A2C 35 BL	B.8
2552100000	A2C 35 3FT	B.10
2552110000	A2C 35 3FT-FE	B.10
2552120000	A2C 35 3FT-PE	B.11
2552130000	A2C 35 3FT-N	B.10
2552140000	A2C 35 3FT-N-FE	B.10
2552150000	A2C 35 BL DM	A.72
2552150000	A2C 35 BL DM	B.9
2552160000	A2C 35 FE DM	B.9
2552160000	A2C 35 FE DM	B.282
2552170000	A2C 35 3FT DM	B.11
2552180000	A2C 35 3FT-FE DM	B.11
2552190000	A2C 35 3FT-N DM	B.11
2552200000	A2C 35 3FT-N-FE DM	B.11

2560000000

2562590000	WSI 4	A.348
2562660000	ZQV 35N-16	A.72
2562660000	ZQV 35N-16	A.169
2562660000	ZQV 35N-16	B.8
2562660000	ZQV 35N-16	B.9
2562660000	ZQV 35N-16	B.10
2562660000	ZQV 35N-16	B.11
2562660000	ZQV 35N-16	B.12
2562660000	ZQV 35N-16	B.282
2562670000	ZQV 35N-10	A.72
2562670000	ZQV 35N-10	A.169
2562670000	ZQV 35N-10	B.8
2562670000	ZQV 35N-10	B.9
2562670000	ZQV 35N-10	B.10
2562670000	ZQV 35N-10	B.11
2562670000	ZQV 35N-10	B.12
2562670000	ZQV 35N-10	B.282
2564350000	WSI 4/LD 10-36V AC/DC	A.348
2564360000	WSI 4/LD 30-70V AC/DC	A.348
2564370000	WSI 4/LD 60-150V AC/DC	A.348
2564380000	WSI 4/LD 140-250V AC/DC	A.348

2570000000

2570240000	AEB 35 SCL/1 VO DL	A.175
2570250000	AEB 35 SCL/1 VO BK DL	A.175
2570260000	AEB 35 SCL/1 VO GY DL	A.175
2579570000	AIO21 1.5 SO OR	B.124
2579580000	AIO21 1.5 SO-PE OR	B.125
2579610000	AIO21 1.5 SI OR	B.124
2579620000	AIO23 1.5 2SI OR	B.125
2579640000	AIO22 1.5 SI-PE OR	B.125

2580000000

2581250000	A2T 2.5 SNAPMARK	A.78
2581280000	A2T 2.5 SNAPMARK BL	A.78
2581690000	AAP21 10 LO OR	B.116
2581700000	AAP21 4 LI OR	B.117
2581710000	AAP21 4 DT OR	B.118
2581720000	AAP21 4 FS OR	B.118
2581790000	AAP21 4 FS 100-250V OR	B.118
2581800000	AAP21 10 LO BL/OR	B.117
2582520000	AAP21 4 DT BL/OR	B.118
2582530000	AAP21 4 LI BL/OR	B.117
2583090000	AAC 35 2X6	A.72
2583090000	AAC 35 2X6	B.8
2583090000	AAC 35 2X6	B.9
2583090000	AAC 35 2X6	B.10
2583090000	AAC 35 2X6	B.11
2583090000	AAC 35 2X6	B.12
2583170000	AAC 35 2X6 BL	A.72
2583170000	AAC 35 2X6 BL	B.8
2583170000	AAC 35 2X6 BL	B.9
2583170000	AAC 35 2X6 BL	B.10
2583170000	AAC 35 2X6 BL	B.11
2583170000	AAC 35 2X6 BL	B.12
2583180000	AAC 35 2X6 GN-YL	A.72
2583180000	AAC 35 2X6 GN-YL	A.101
2583180000	AAC 35 2X6 GN-YL	B.8
2583180000	AAC 35 2X6 GN-YL	B.9
2583180000	AAC 35 2X6 GN-YL	B.10
2583180000	AAC 35 2X6 GN-YL	B.11
2583180000	AAC 35 2X6 GN-YL	B.12
2583190000	AAC 35 2X6 BK-YL	A.72
2583190000	AAC 35 2X6 BK-YL	B.8
2583190000	AAC 35 2X6 BK-YL	B.9
2583190000	AAC 35 2X6 BK-YL	B.10
2583190000	AAC 35 2X6 BK-YL	B.11
2583190000	AAC 35 2X6 BK-YL	B.12

2600000000

2603740000	WPD 113 1X185+1X150/8X35 GY	B.88
2603750000	WPD 113 1X185+1X150/8X35 BL	B.88
2603790000	WPD 111 1X95/4X35 GY	B.86
2603800000	WPD 111 1X95/4X35 BL	B.86
2603810000	WPD 110 1X70+1X35/6X16 GY	B.58
2603820000	WPD 110 1X70+1X35/6X16 BL	B.58
2603830000	WPD 110 1X70+1X35/6X16 GN	B.58
2603840000	WBBD 16 GY	C.6
2603850000	WBBD 16 BL	C.6
2603860000	WBBD 16 GN	C.6

2610000000

2614100000	AAP11 1.5 LI GN/OR	B.105
2614110000	AAP12 2.5 LI GN/OR	B.111
2614930000	SRL 3	A.429
2614940000	SRL 4	A.429
2614950000	SRL 4 STB	A.430
2614960000	SRL 6	A.430
2614970000	SDL 4 FT	B.251
2614980000	SDL 4	B.251
2614990000	SEP SRL 3	A.429
2615000000	SEP SRL 4	A.429
2615000000	SEP SRL 4	A.430
2615010000	SEP SRL 6	A.430
2615020000	SEP SDL 4	B.250
2615020000	SEP SDL 4	B.251
2615030000	SQV 3/2	A.429
2615040000	SQV 3/3	A.429
2615050000	SQV 3/4	A.429
2615070000	SQV 3/10	A.429
2615080000	SQV 6/2	A.430
2615090000	SQV 6/3	A.430
2615100000	SQV 6/4	A.430
2615110000	SQB 3/2	A.429
2615120000	SQB 3/3	A.429
2615130000	SQB 3/4	A.429
2615140000	SQB 4/2	A.429
2615140000	SQB 4/2	A.430
2615140000	SQB 4/2	B.251
2615150000	SQB 4/3	A.429
2615150000	SQB 4/3	A.430
2615150000	SQB 4/3	B.251
2615160000	SQB 4/4	A.429
2615160000	SQB 4/4	A.430
2615160000	SQB 4/4	B.251

Order No.	Type	Page
2615190000	SRQB 3/2	A.429
2615200000	SRQB 3/3	A.429
2615210000	SRQB 3/4	A.429
2615220000	SRQB 4/2	A.429
2615220000	SRQB 4/2	A.430
2615220000	SRQB 4/2	B.251
2615230000	SRQB 4/3	A.429
2615230000	SRQB 4/3	A.430
2615230000	SRQB 4/3	B.251
2615240000	SRQB 4/4	A.429
2615240000	SRQB 4/4	A.430
2615240000	SRQB 4/4	B.251
2615250000	SQS 4/2	A.430
2615250000	SQS 4/2	B.250
2615250000	SQS 4/2	B.251
2615260000	SQS 4/4	A.430
2615260000	SQS 4/4	B.250
2615260000	SQS 4/4	B.251
2615270000	SSI 4	B.250
2615330000	SAKQB 6/2	B.236
2615330000	SAKQB 6/2	B.237
2615340000	SAKQB 6/3	B.236
2615360000	SAKQB 6/4	B.236
2615360000	SAKQB 6/4	B.237
2619410000	AAP12 10 LO GN/OR	B.110
2619890000	WS-A 8/10 MM WS	B.179
2619890000	WS-A 8/10 MM WS	B.181
2619890000	WS-A 8/10 MM WS	B.183
2619900000	WS-A 8/12 MM WS	A.97
2619900000	WS-A 8/12 MM WS	A.98
2619910000	WS-A 8/16 MM WS	A.72
2619910000	WS-A 8/16 MM WS	A.73
2619910000	WS-A 8/16 MM WS	A.74
2619910000	WS-A 8/16 MM WS	A.75
2619910000	WS-A 8/16 MM WS	A.101
2619910000	WS-A 8/16 MM WS	A.102
2619910000	WS-A 8/16 MM WS	B.8
2619910000	WS-A 8/16 MM WS	B.9
2619910000	WS-A 8/16 MM WS	B.10
2619910000	WS-A 8/16 MM WS	B.11
2619910000	WS-A 8/16 MM WS	B.12
2619910000	WS-A 8/16 MM WS	B.16
2619910000	WS-A 8/16 MM WS	B.17
2619910000	WS-A 8/16 MM WS	B.18
2619910000	WS-A 8/16 MM WS	B.19
2619910000	WS-A 8/16 MM WS	B.20
2619910000	WS-A 8/16 MM WS	B.21
2619910000	WS-A 8/16 MM WS	B.22
2619910000	WS-A 8/16 MM WS	B.23
2619910000	WS-A 8/16 MM WS	B.24
2619910000	WS-A 8/16 MM WS	B.54
2619910000	WS-A 8/16 MM WS	B.282
2619910000	WS-A 8/16 MM WS	B.283
2619910000	WS-A 8/16 MM WS	B.284
2619910000	WS-A 8/16 MM WS	B.285

2620000000

2623550000	A2T 2.5 3C N-PE	A.81
2623910000	AAP13 6 LO-LO OR	B.107
2623920000	AAP13 1.5 LI-LI OR	B.107
2623930000	FB 16-50	B.272

2630000000

2634950000	ZQV 35N/2	A.72
2634950000	ZQV 35N/2	A.169
2634950000	ZQV 35N/2	B.8
2634950000	ZQV 35N/2	B.9
2634950000	ZQV 35N/2	B.10
2634950000	ZQV 35N/2	B.11
2634950000	ZQV 35N/2	B.12
2634950000	ZQV 35N/2	B.282
2635520000	AAM 1.5 YE FLASH	A.174
2635550000	AAM 2.5 YE FLASH	A.174
2635560000	AAM 4 YE FLASH	A.174
2635570000	AAM 6 YE FLASH	A.174
2635580000	AAM 10 YE FLASH	A.174
2635590000	AAM 16 YE FLASH	A.174
2635600000	AAM 35-185 YE FLASH	A.72
2635600000	AAM 35-185 YE FLASH	A.73
2635600000	AAM 35-185 YE FLASH	A.74
2635600000	AAM 35-185 YE FLASH	A.75
2635600000	AAM 35-185 YE FLASH	A.101
2635600000	AAM 35-185 YE FLASH	A.102
2635600000	AAM 35-185 YE FLASH	B.8
2635600000	AAM 35-185 YE FLASH	B.9
2635600000	AAM 35-185 YE FLASH	B.10
2635600000	AAM 35-185 YE FLASH	B.11
2635600000	AAM 35-185 YE FLASH	B.12
2635600000	AAM 35-185 YE FLASH	B.16
2635600000	AAM 35-185 YE FLASH	B.17
2635600000	AAM 35-185 YE FLASH	B.18
2635600000	AAM 35-185 YE FLASH	B.19
2635600000	AAM 35-185 YE FLASH	B.20
2635600000	AAM 35-185 YE FLASH	B.21
2635600000	AAM 35-185 YE FLASH	B.22
2635600000	AAM 35-185 YE FLASH	B.23
2635600000	AAM 35-185 YE FLASH	B.24

Order No.	Type	Page
2635600000	AAM 35-185 YE FLASH	B.282
2635600000	AAM 35-185 YE FLASH	B.283
2635600000	AAM 35-185 YE FLASH	B.284
2635600000	AAM 35-185 YE FLASH	B.285

2650000000

2652200000	A2T 1.5 KNX RD-BK	B.207
2652210000	A2T 1.5 KNX WT-YL	B.207

2660000000

2661280000	AEB 35 SCL/1 VO	A.6
2661280000	AEB 35 SCL/1 VO	A.7
2661280000	AEB 35 SCL/1 VO	A.8
2661280000	AEB 35 SCL/1 VO	A.9
2661280000	AEB 35 SCL/1 VO	A.10
2661280000	AEB 35 SCL/1 VO	A.11
2661280000	AEB 35 SCL/1 VO	A.12
2661280000	AEB 35 SCL/1 VO	A.13
2661280000	AEB 35 SCL/1 VO	A.14
2661280000	AEB 35 SCL/1 VO	A.15
2661280000	AEB 35 SCL/1 VO	A.16
2661280000	AEB 35 SCL/1 VO	A.17
2661280000	AEB 35 SCL/1 VO	A.18
2661280000	AEB 35 SCL/1 VO	A.19
2661280000	AEB 35 SCL/1 VO	A.20
2661280000	AEB 35 SCL/1 VO	A.21
2661280000	AEB 35 SCL/1 VO	A.22
2661280000	AEB 35 SCL/1 VO	A.23
2661280000	AEB 35 SCL/1 VO	A.24
2661280000	AEB 35 SCL/1 VO	A.25
2661280000	AEB 35 SCL/1 VO	A.26
2661280000	AEB 35 SCL/1 VO	A.27
2661280000	AEB 35 SCL/1 VO	A.28
2661280000	AEB 35 SCL/1 VO	A.29
2661280000	AEB 35 SCL/1 VO	A.30
2661280000	AEB 35 SCL/1 VO	A.31
2661280000	AEB 35 SCL/1 VO	A.32
2661280000	AEB 35 SCL/1 VO	A.33
2661280000	AEB 35 SCL/1 VO	A.34
2661280000	AEB 35 SCL/1 VO	A.35
2661280000	AEB 35 SCL/1 VO	A.36
2661280000	AEB 35 SCL/1 VO	A.37
2661280000	AEB 35 SCL/1 VO	A.38
2661280000	AEB 35 SCL/1 VO	A.39
2661280000	AEB 35 SCL/1 VO	A.41
2661280000	AEB 35 SCL/1 VO	A.42
2661280000	AEB 35 SCL/1 VO	A.43
2661280000	AEB 35 SCL/1 VO	A.44
2661280000	AEB 35 SCL/1 VO	A.45
2661280000	AEB 35 SCL/1 VO	A.46
2661280000	AEB 35 SCL/1 VO	A.47
2661280000	AEB 35 SCL/1 VO	A.48
2661280000	AEB 35 SCL/1 VO	A.49
2661280000	AEB 35 SCL/1 VO	A.50
2661280000	AEB 35 SCL/1 VO	A.58
2661280000	AEB 35 SCL/1 VO	A.59
2661280000	AEB 35 SCL/1 VO	A.60
2661280000	AEB 35 SCL/1 VO	A.61
2661280000	AEB 35 SCL/1 VO	A.62
2661280000	AEB 35 SCL/1 VO	A.63
2661280000	AEB 35 SCL/1 VO	A.64
2661280000	AEB 35 SCL/1 VO	A.65
2661280000	AEB 35 SCL/1 VO	A.66
2661280000	AEB 35 SCL/1 VO	A.67
2661280000	AEB 35 SCL/1 VO	A.68
2661280000	AEB 35 SCL/1 VO	A.69
2661280000	AEB 35 SCL/1 VO	A.70
2661280000	AEB 35 SCL/1 VO	A.71
2661280000	AEB 35 SCL/1 VO	A.72
2661280000	AEB 35 SCL/1 VO	A.73
2661280000	AEB 35 SCL/1 VO	A.74
2661280000	AEB 35 SCL/1 VO	A.76
2661280000	AEB 35 SCL/1 VO	A.77
2661280000	AEB 35 SCL/1 VO	A.78
2661280000	AEB 35 SCL/1 VO	A.79
2661280000	AEB 35 SCL/1 VO	A.80
2661280000	AEB 35 SCL/1 VO	A.81
2661280000	AEB 35 SCL/1 VO	A.82
2661280000	AEB 35 SCL/1 VO	A.83
2661280000	AEB 35 SCL/1 VO	A.84
2661280000	AEB 35 SCL/1 VO	A.85
2661280000	AEB 35 SCL/1 VO	A.86
2661280000	AEB 35 SCL/1 VO	A.87
2661280000	AEB 35 SCL/1 VO	A.88
2661280000	AEB 35 SCL/1 VO	A.89
2661280000	AEB 35 SCL/1 VO	A.90
2661280000	AEB 35 SCL/1 VO	A.92
2661280000	AEB 35 SCL/1 VO	A.93
2661280000	AEB 35 SCL/1 VO	A.94
2661280000	AEB 35 SCL/1 VO	A.95
2661280000	AEB 35 SCL/1 VO	A.96
2661280000	AEB 35 SCL/1 VO	A.97
2661280000	AEB 35 SCL/1 VO	A.98
2661280000	AEB 35 SCL/1 VO	A.99
2661280000	AEB 35 SCL/1 VO	A.100
2661280000	AEB 35 SCL/1 VO	A.101
2661280000	AEB 35 SCL/1 VO	A.102

Order No.	Type	Page
2661280000	AEB 35 SCL/1 VO	A.103
2661280000	AEB 35 SCL/1 VO	A.104
2661280000	AEB 35 SCL/1 VO	A.105
2661280000	AEB 35 SCL/1 VO	A.112
2661280000	AEB 35 SCL/1 VO	A.113
2661280000	AEB 35 SCL/1 VO	A.114
2661280000	AEB 35 SCL/1 VO	A.115
2661280000	AEB 35 SCL/1 VO	A.116
2661280000	AEB 35 SCL/1 VO	A.117
2661280000	AEB 35 SCL/1 VO	A.118
2661280000	AEB 35 SCL/1 VO	A.119
2661280000	AEB 35 SCL/1 VO	A.120
2661280000	AEB 35 SCL/1 VO	A.121
2661280000	AEB 35 SCL/1 VO	A.122
2661280000	AEB 35 SCL/1 VO	A.123
2661280000	AEB 35 SCL/1 VO	A.124
2661280000	AEB 35 SCL/1 VO	A.125
2661280000	AEB 35 SCL/1 VO	A.126
2661280000	AEB 35 SCL/1 VO	A.127
2661280000	AEB 35 SCL/1 VO	A.128
2661280000	AEB 35 SCL/1 VO	A.129
2661280000	AEB 35 SCL/1 VO	A.130
2661280000	AEB 35 SCL/1 VO	A.131
2661280000	AEB 35 SCL/1 VO	A.132
2661280000	AEB 35 SCL/1 VO	A.133
2661280000	AEB 35 SCL/1 VO	A.134
2661280000	AEB 35 SCL/1 VO	A.135
2661280000	AEB 35 SCL/1 VO	A.136
2661280000	AEB 35 SCL/1 VO	A.146
2661280000	AEB 35 SCL/1 VO	A.147
2661280000	AEB 35 SCL/1 VO	A.148
2661280000	AEB 35 SCL/1 VO	A.149
2661280000	AEB 35 SCL/1 VO	A.150
2661280000	AEB 35 SCL/1 VO	A.160
2661280000	AEB 35 SCL/1 VO	A.175
2661280000	AEB 35 SCL/1 VO	B.8
2661280000	AEB 35 SCL/1 VO	B.9
2661280000	AEB 35 SCL/1 VO	B.10
2661280000	AEB 35 SCL/1 VO	B.11
2661280000	AEB 35 SCL/1 VO	B.16
2661280000	AEB 35 SCL/1 VO	B.17
2661280000	AEB 35 SCL/1 VO	B.18
2661280000	AEB 35 SCL/1 VO	B.19
2661280000	AEB 35 SCL/1 VO	B.20
2661280000	AEB 35 SCL/1 VO	B.54
2661280000	AEB 35 SCL/1 VO	B.96
2661280000	AEB 35 SCL/1 VO	B.104
2661280000	AEB 35 SCL/1 VO	B.105
2661280000	AEB 35 SCL/1 VO	B.106
2661280000	AEB 35 SCL/1 VO	B.107
2661280000	AEB 35 SCL/1 VO	B.108
2661280000	AEB 35 SCL/1 VO	B.109
2661280000	AEB 35 SCL/1 VO	B.110
2661280000	AEB 35 SCL/1 VO	B.111
2661280000	AEB 35 SCL/1 VO	B.112
2661280000	AEB 35 SCL/1 VO	B.113
2661280000	AEB 35 SCL/1 VO	B.114
2661280000	AEB 35 SCL/1 VO	B.115
2661280000	AEB 35 SCL/1 VO	B.116
2661280000	AEB 35 SCL/1 VO	B.117
2661280000	AEB 35 SCL/1 VO	B.118
2661280000	AEB 35 SCL/1 VO	B.120
2661280000	AEB 35 SCL/1 VO	B.121
2661280000	AEB 35 SCL/1 VO	B.124
2661280000	AEB 35 SCL/1 VO	B.125
2661280000	AEB 35 SCL/1 VO	B.178
2661280000	AEB 35 SCL/1 VO	B.179
2661280000	AEB 35 SCL/1 VO	B.180
2661280000	AEB 35 SCL/1 VO	B.181
2661280000	AEB 35 SCL/1 VO	B.182
2661280000	AEB 35 SCL/1 VO	B.183
2661280000	AEB 35 SCL/1 VO	B.184
2661280000	AEB 35 SCL/1 VO	B.185
2661280000	AEB 35 SCL/1 VO	B.186
2661280000	AEB 35 SCL/1 VO	B.187
2661280000	AEB 35 SCL/1 VO	B.188
2661280000	AEB 35 SCL/1 VO	B.189
2661280000	AEB 35 SCL/1 VO	B.190
2661280000	AEB 35 SCL/1 VO	B.191
2661280000	AEB 35 SCL/1 VO	B.192
2661280000	AEB 35 SCL/1 VO	B.193
2661280000	AEB 35 SCL/1 VO	B.207
2661280000	AEB 35 SCL/1 VO	B.212
2661280000	AEB 35 SCL/1 VO	B.214
2661280000	AEB 35 SCL/1 VO	B.216
2661280000	AEB 35 SCL/1 VO	B.220
2661280000	AEB 35 SCL/1 VO	B.274
2661280000	AEB 35 SCL/1 VO	B.275
2661280000	AEB 35 SCL/1 VO	B.278
2661280000	AEB 35 SCL/1 VO	B.279
2661280000	AEB 35 SCL/1 VO	B.280
2661280000	AEB 35 SCL/1 VO	B.281
2661280000	AEB 35 SCL/1 VO	B.282
2661280000	AEB 35 SCL/1 VO	B.283
2661280000	AEB 35 SCL/1 VO	B.284
2661280000	AEB 35 SCL/1 VO	B.285
2661280000	AEB 35 SCL/1 VO	C.15
2661290000	AEB 35 SCL/1 VO GY	A.175
2661290000	AEB 35 SCL/1 VO GY	C.15

Order No.	Type	Page
2661300000	AEB 35 SCL/1 VO BK	A.175
2661300000	AEB 35 SCL/1 VO BK	C.15
2663250000	A2C 50/70	A.73
2663250000	A2C 50/70	B.16
2663260000	A2C 50/70 BL	A.73
2663260000	A2C 50/70 BL	B.16
2663270000	A2C 50/70 FE	B.16
2663270000	A2C 50/70 FE	B.283
2663280000	A2C 50/70 PE	A.101
2663280000	A2C 50/70 PE	B.17
2663290000	A2C 50/70 3FT-N-FE	B.22
2663300000	A2C 50/70 3FT-N	B.22
2663310000	A2C 50/70 3FT-FE	B.22
2663320000	A2C 50/70 3FT	B.22
2663330000	A2C 50/70-DM	A.73
2663330000	A2C 50/70-DM	B.17
2663340000	A2C 50/70 BL-DM	A.73
2663340000	A2C 50/70 BL-DM	B.17
2663350000	A2C 50/70 FE-DM	B.17
2663350000	A2C 50/70 FE-DM	B.283
2663360000	A2C 50/70 3FT-N-FE-DM	B.23
2663370000	A2C 50/70 3FT-N-DM	B.23
2663380000	A2C 50/70 3FT-FE-DM	B.23
2663390000	A2C 50/70 3FT-DM	B.23
2663400000	ZQV 50/70N/2	A.73
2663400000	ZQV 50/70N/2	A.170
2663400000	ZQV 50/70N/2	B.16
2663400000	ZQV 50/70N/2	B.17
2663400000	ZQV 50/70N/2	B.24
2663400000	ZQV 50/70N/2	B.283
2663420000	AAC 50-185 2X10	A.73
2663420000	AAC 50-185 2X10	A.74
2663420000	AAC 50-185 2X10	A.75
2663420000	AAC 50-185 2X10	B.16
2663420000	AAC 50-185 2X10	B.17
2663420000	AAC 50-185 2X10	B.18
2663420000	AAC 50-185 2X10	B.19
2663420000	AAC 50-185 2X10	B.20
2663420000	AAC 50-185 2X10	B.21
2663420000	AAC 50-185 2X10	B.22
2663420000	AAC 50-185 2X10	B.23
2663420000	AAC 50-185 2X10	B.24
2663430000	AAC 50-185 2X10 BL	A.73
2663430000	AAC 50-185 2X10 BL	A.74
2663430000	AAC 50-185 2X10 BL	A.75
2663430000	AAC 50-185 2X10 BL	B.16
2663430000	AAC 50-185 2X10 BL	B.17
2663430000	AAC 50-185 2X10 BL	B.18
2663430000	AAC 50-185 2X10 BL	B.19
2663430000	AAC 50-185 2X10 BL	B.20
2663430000	AAC 50-185 2X10 BL	B.21
2663430000	AAC 50-185 2X10 BL	B.22
2663430000	AAC 50-185 2X10 BL	B.23
2663430000	AAC 50-185 2X10 BL	B.24
2663440000	AAC 50-185 2X10 GN-YL	A.73
2663440000	AAC 50-185 2X10 GN-YL	A.74
2663440000	AAC 50-185 2X10 GN-YL	A.75
2663440000	AAC 50-185 2X10 GN-YL	A.101
2663440000	AAC 50-185 2X10 GN-YL	A.102
2663440000	AAC 50-185 2X10 GN-YL	B.16
2663440000	AAC 50-185 2X10 GN-YL	B.17
2663440000	AAC 50-185 2X10 GN-YL	B.18
2663440000	AAC 50-185 2X10 GN-YL	B.19
2663440000	AAC 50-185 2X10 GN-YL	B.20
2663440000	AAC 50-185 2X10 GN-YL	B.21
2663440000	AAC 50-185 2X10 GN-YL	B.22
2663440000	AAC 50-185 2X10 GN-YL	B.23
2663440000	AAC 50-185 2X10 GN-YL	B.24
2663450000	AAC 50-185 2X10 BK-YL	A.73
2663450000	AAC 50-185 2X10 BK-YL	A.74
2663450000	AAC 50-185 2X10 BK-YL	A.75
2663450000	AAC 50-185 2X10 BK-YL	B.16
2663450000	AAC 50-185 2X10 BK-YL	B.17
2663450000	AAC 50-185 2X10 BK-YL	B.18
2663450000	AAC 50-185 2X10 BK-YL	B.19
2663450000	AAC 50-185 2X10 BK-YL	B.20
2663450000	AAC 50-185 2X10 BK-YL	B.21
2663450000	AAC 50-185 2X10 BK-YL	B.22
2663450000	AAC 50-185 2X10 BK-YL	B.23
2663450000	AAC 50-185 2X10 BK-YL	B.24
2668660000	AITB 2.5 BB 2C	B.178
2668670000	AITB 2.5 BB 2C BL	B.178
2668680000	AITB 2.5 BB 2C PE	B.180
2668690000	AITB 2.5 BB NDT BL	B.182
2668700000	AITB 6 BB 2C	B.178
2668710000	AITB 6 BB 2C BL	B.178
2668720000	AITB 6 BB 2C PE	B.180
2668730000	AITB 6 BB NDT BL	B.182
2668740000	AITB 16 BB 2C	B.179
2668750000	AITB 16 BB 2C BL	B.179
2668760000	AITB 16 BB 2C PE	B.181
2668770000	AITB 16 BB NDT BL	B.183
2668780000	AEP ITB 2.5 BB 2C	B.178
2668780000	AEP ITB 2.5 BB 2C	B.180
2668790000	AEP ITB 2.5 BB 2C BL	B.178
2668800000	AEP ITB 2.5 BB NDT BL	B.182
2668810000	AEP ITB 6 BB 2C	B.178
2668810000	AEP ITB 6 BB 2C	B.180
2668820000	AEP ITB 6 BB 2C BL	B.178

Order No.	Type	Page
2668830000	AEP ITB 6 BB NDT BL	B.182
2668840000	AEP ITB 16 BB 2C	B.179
2668840000	AEP ITB 16 BB 2C	B.181
2668850000	AEP ITB 16 BB 2C BL	B.179
2668860000	AEP ITB 16 BB NDT BL	B.183
2668870000	APP ITB 2.5 BB 2C/NDT BL	B.178
2668870000	APP ITB 2.5 BB 2C/NDT BL	B.180
2668870000	APP ITB 2.5 BB 2C/NDT BL	B.182
2668880000	APP ITB 6 BB 2C/NDT BL	B.178
2668880000	APP ITB 6 BB 2C/NDT BL	B.180
2668880000	APP ITB 6 BB 2C/NDT BL	B.182
2668890000	APP ITB 16 BB 2C/NDT BL	B.179
2668890000	APP ITB 16 BB 2C/NDT BL	B.181
2668890000	APP ITB 16 BB 2C/NDT BL	B.183
2668900000	AITB 2.5 BB L-L	B.187
2668910000	AITB 2.5 BB N-L	B.185
2668920000	AITB 2.5 BB L	B.184
2668930000	AITB 2.5 BB L-L-PE	B.186
2668940000	AITB 2.5 BB N-L-PE	B.184
2668950000	AITB 2.5 BB NDT-L-PE	B.186
2668960000	AEP ITB 2.5 BB	B.184
2668960000	AEP ITB 2.5 BB	B.185
2668960000	AEP ITB 2.5 BB	B.186
2668960000	AEP ITB 2.5 BB	B.187
2668970000	APP ITB 2.5 BB BL	B.184
2668970000	APP ITB 2.5 BB BL	B.185
2668970000	APP ITB 2.5 BB BL	B.186
2668970000	APP ITB 2.5 BB BL	B.187
2668980000	AITB 2.5 LDT-L	B.190
2668990000	AITB 2.5 LDT-L W/O DTLV	B.191
2669000000	AITB 2.5 L-L	B.193
2669010000	AITB 2.5 L-L-PE	B.192
2669020000	AITB 2.5 N-L-PE	B.192
2669030000	AITB 2.5 NDT-L-PE	B.191
2669040000	AITB 2.5 LDT-L-PE	B.190
2669050000	AITB 2.5 LDT-L-PE W/O DTLV	B.191
2669060000	AEP ITB 2.5	B.190
2669060000	AEP ITB 2.5	B.191
2669060000	AEP ITB 2.5	B.192
2669060000	AEP ITB 2.5	B.193
2669070000	AITB 4 BB L-L	B.188
2669080000	AITB 4 BB L-L-PE	B.188
2669090000	AITB 4 BB N-L-PE	B.189
2669100000	AITB 4 BB NDT-L-PE	B.189
2669110000	AEP ITB 4 BB	B.188
2669110000	AEP ITB 4 BB	B.189
2669120000	APP ITB 4 BB BL	B.188
2669120000	APP ITB 4 BB BL	B.189
2669130000	AEB ITB 16 BB BL	B.178
2669130000	AEB ITB 16 BB BL	B.179
2669130000	AEB ITB 16 BB BL	B.180
2669130000	AEB ITB 16 BB BL	B.181
2669130000	AEB ITB 16 BB BL	B.182
2669130000	AEB ITB 16 BB BL	B.183
2669130000	AEB ITB 16 BB BL	B.184
2669130000	AEB ITB 16 BB BL	B.185
2669130000	AEB ITB 16 BB BL	B.186
2669130000	AEB ITB 16 BB BL	B.187
2669130000	AEB ITB 16 BB BL	B.188
2669130000	AEB ITB 16 BB BL	B.189
2669130000	AEB ITB 16 BB BL	B.190
2669130000	AEB ITB 16 BB BL	B.191
2669130000	AEB ITB 16 BB BL	B.192
2669130000	AEB ITB 16 BB BL	B.193

2670000000

2674530000	S2C 2.5	A.8
2674530000	S2C 2.5	A.54
2674540000	S3C 2.5	A.8
2674540000	S3C 2.5	A.54
2674550000	S4C 2.5	A.9
2674550000	S4C 2.5	A.54
2674560000	S2C 2.5 PE	A.28
2674570000	S3C 2.5 PE	A.28
2674580000	S4C 2.5 PE	A.29
2674690000	A2C 2.5 DL	A.160

2680000000

2682080000	SNAPMARK 1.5	A.76
2682080000	SNAPMARK 1.5	A.77
2682080000	SNAPMARK 1.5	A.86
2682080000	SNAPMARK 1.5	A.87
2682080000	SNAPMARK 1.5	A.102
2682080000	SNAPMARK 1.5	A.103
2682080000	SNAPMARK 1.5	A.105
2682080000	SNAPMARK 1.5	A.125
2682080000	SNAPMARK 1.5	A.126
2682080000	SNAPMARK 1.5	A.175
2683430000	AAP11 6 LO WT	B.104
2683440000	AAP11 1.5 LI WT	B.105
2683450000	AAP12 10 LO WT	B.110
2683460000	AAP12 2.5 LI WT	B.111

2690000000

2690440000	AEB ITB 2.5/4 BB BL	B.178
2690440000	AEB ITB 2.5/4 BB BL	B.179
2690440000	AEB ITB 2.5/4 BB BL	B.180
2690440000	AEB ITB 2.5/4 BB BL	B.181
2690440000	AEB ITB 2.5/4 BB BL	B.182
2690440000	AEB ITB 2.5/4 BB BL	B.183
2690440000	AEB ITB 2.5/4 BB BL	B.184
2690440000	AEB ITB 2.5/4 BB BL	B.185
2690440000	AEB ITB 2.5/4 BB BL	B.186
2690440000	AEB ITB 2.5/4 BB BL	B.187
2690440000	AEB ITB 2.5/4 BB BL	B.188
2690440000	AEB ITB 2.5/4 BB BL	B.189
2690440000	AEB ITB 2.5/4 BB BL	B.190
2690440000	AEB ITB 2.5/4 BB BL	B.191
2690440000	AEB ITB 2.5/4 BB BL	B.192
2690440000	AEB ITB 2.5/4 BB BL	B.193
2690460000	A2C 2.5 FE WT	B.273
2690460000	A2C 2.5 FE WT	B.274
2690470000	A4C 2.5 FE WT	B.273
2690470000	A4C 2.5 FE WT	B.274
2694060000	A2C 95/120	A.73
2694060000	A2C 95/120	B.18
2694070000	A2C 95/120 BL	A.73
2694070000	A2C 95/120 BL	B.18
2694080000	A2C 95/120 FE	B.18
2694080000	A2C 95/120 FE	B.284
2694090000	A2C 95/120 PE	A.102
2694090000	A2C 95/120 PE	B.19
2694100000	A2C 95/120 3FT-N-FE	B.22
2694120000	A2C 95/120 3FT-N	B.22
2694130000	A2C 95/120 3FT-FE	B.22
2694140000	A2C 95/120 3FT	B.22
2694150000	A2C 95/120-DM	A.74
2694150000	A2C 95/120-DM	B.19
2694160000	A2C 95/120 BL-DM	A.74
2694160000	A2C 95/120 BL-DM	B.19
2694170000	A2C 95/120 FE-DM	B.19
2694170000	A2C 95/120 FE-DM	B.284
2694180000	A2C 95/120 3FT-N-FE-DM	B.23
2694200000	A2C 95/120 3FT-N-DM	B.23
2694220000	A2C 95/120 3FT-FE-DM	B.23
2694230000	A2C 95/120 3FT-DM	B.23
2694250000	ZQV 95/120N/2	A.73
2694250000	ZQV 95/120N/2	A.74
2694250000	ZQV 95/120N/2	A.170
2694250000	ZQV 95/120N/2	B.18
2694250000	ZQV 95/120N/2	B.19
2694250000	ZQV 95/120N/2	B.24
2694250000	ZQV 95/120N/2	B.284
2694260000	ZQV 95/120N/3	A.73
2694260000	ZQV 95/120N/3	A.74
2694260000	ZQV 95/120N/3	A.170
2694260000	ZQV 95/120N/3	B.18
2694260000	ZQV 95/120N/3	B.19
2694260000	ZQV 95/120N/3	B.24
2694260000	ZQV 95/120N/3	B.284

2700000000

2704330000	A2T 2.5 EM1 D/0	A.146
2704340000	A2T 2.5 EM3 D/0	A.147
2704360000	A2T 2.5 EM2 D/0	A.146
2704370000	A2T 2.5 EM1 D/1	A.148
2704380000	A2T 2.5 EM1 D/2	A.148
2704390000	A2T 2.5 EM2 D/5	A.149
2704400000	A2T 2.5 EM2 D/6	A.149
2704410000	A2T 2.5 EM1 24VUC LED RD/1	A.150
2705010000	RAILLASER	A.158
2709600000	TS TOP-6 35000-01	B.236

2710000000

2710070000	ATTB 6	B.212
2710070000	ATTB 6	B.213
2710080000	ATTB 6 PE	B.212
2710080000	ATTB 6 PE	B.213
2710080000	ATTB 6 PE	B.223
2710090000	WTTB 6	B.214
2710090000	WTTB 6	B.215
2710090000	WTTB 6	B.216
2710100000	WTTB 6 PE	B.214
2710100000	WTTB 6 PE	B.215
2710100000	WTTB 6 PE	B.216
2710100000	WTTB 6 PE	B.220
2710100000	WTTB 6 PE	B.223
2710110000	HTTB 6	B.217
2710120000	HTTB 6 PE	B.217
2710120000	HTTB 6 PE	B.223
2710130000	CH TTB	B.213
2710130000	CH TTB	B.215
2710130000	CH TTB	B.217
2710140000	CP TTB	B.213
2710140000	CP TTB	B.215
2710140000	CP TTB	B.217
2710150000	CS TTB	B.213
2710150000	CS TTB	B.215
2710150000	CS TTB	B.217
2710170000	EP TTB 6	B.212
2710170000	EP TTB 6	B.213
2710170000	EP TTB 6	B.214
2710170000	EP TTB 6	B.215
2710170000	EP TTB 6	B.216
2710170000	EP TTB 6	B.217
2710190000	SCCB TTB 6/2	B.212
2710190000	SCCB TTB 6/2	B.213
2710190000	SCCB TTB 6/2	B.214
2710190000	SCCB TTB 6/2	B.215
2710190000	SCCB TTB 6/2	B.216
2710190000	SCCB TTB 6/2	B.217
2710190000	SCCB TTB 6/2	B.220
2710190000	SCCB TTB 6/2	B.221
2710190000	SCCB TTB 6/2	B.222
2710200000	SCCB TTB 6/3	B.212
2710200000	SCCB TTB 6/3	B.213
2710200000	SCCB TTB 6/3	B.214
2710200000	SCCB TTB 6/3	B.215
2710200000	SCCB TTB 6/3	B.216
2710200000	SCCB TTB 6/3	B.217
2710200000	SCCB TTB 6/3	B.220
2710200000	SCCB TTB 6/3	B.221
2710200000	SCCB TTB 6/3	B.222
2710210000	SCCB TTB 6/4	B.212
2710210000	SCCB TTB 6/4	B.213
2710210000	SCCB TTB 6/4	B.214
2710210000	SCCB TTB 6/4	B.215
2710210000	SCCB TTB 6/4	B.216
2710210000	SCCB TTB 6/4	B.217
2710210000	SCCB TTB 6/4	B.220
2710210000	SCCB TTB 6/4	B.221
2710210000	SCCB TTB 6/4	B.222
2710220000	SL TTB 6	B.212
2710220000	SL TTB 6	B.213
2710220000	SL TTB 6	B.214
2710220000	SL TTB 6	B.215
2710220000	SL TTB 6	B.216
2710220000	SL TTB 6	B.217
2710220000	SL TTB 6	B.220
2710220000	SL TTB 6	B.221
2710220000	SL TTB 6	B.223
2710230000	LL TTB 6/1	B.212
2710230000	LL TTB 6/1	B.213
2710230000	LL TTB 6/1	B.214
2710230000	LL TTB 6/1	B.215
2710230000	LL TTB 6/1	B.216
2710230000	LL TTB 6/1	B.217
2710230000	LL TTB 6/1	B.220
2710230000	LL TTB 6/1	B.221
2710230000	LL TTB 6/1	B.222
2710300000	LL TTB 6/2	B.212
2710300000	LL TTB 6/2	B.213
2710300000	LL TTB 6/2	B.214
2710300000	LL TTB 6/2	B.215
2710300000	LL TTB 6/2	B.216
2710300000	LL TTB 6/2	B.217
2710300000	LL TTB 6/2	B.220
2710300000	LL TTB 6/2	B.221
2710300000	LL TTB 6/2	B.222
2710370000	LL TTB 6/2 CM	B.212
2710370000	LL TTB 6/2 CM	B.213
2710370000	LL TTB 6/2 CM	B.214
2710370000	LL TTB 6/2 CM	B.215
2710370000	LL TTB 6/2 CM	B.216
2710370000	LL TTB 6/2 CM	B.217
2710370000	LL TTB 6/2 CM	B.220
2710370000	LL TTB 6/2 CM	B.221
2710370000	LL TTB 6/2 CM	B.222
2710440000	LL TTB 6/3	B.212
2710440000	LL TTB 6/3	B.214
2710440000	LL TTB 6/3	B.216
2710440000	LL TTB 6/3	B.220
2710440000	LL TTB 6/3	B.222
2710450000	LL TTB 6/4	B.212
2710450000	LL TTB 6/4	B.214
2710450000	LL TTB 6/4	B.216
2710450000	LL TTB 6/4	B.220
2710450000	LL TTB 6/4	B.222
2710460000	LL TTB 6/6	B.212
2710460000	LL TTB 6/6	B.214
2710460000	LL TTB 6/6	B.216
2710460000	LL TTB 6/6	B.220
2710460000	LL TTB 6/6	B.222
2710470000	TS TTB 6 OR	B.212
2710470000	TS TTB 6 OR	B.213
2710470000	TS TTB 6 OR	B.214
2710470000	TS TTB 6 OR	B.215
2710470000	TS TTB 6 OR	B.216
2710470000	TS TTB 6 OR	B.217
2710470000	TS TTB 6 OR	B.220
2710470000	TS TTB 6 OR	B.221
2710470000	TS TTB 6 OR	B.222
2710480000	TS TTB 6 BL	B.213
2710480000	TS TTB 6 BL	B.215
2710480000	TS TTB 6 BL	B.217
2710480000	TS TTB 6 BL	B.222
2710490000	TS TTB 6 GN	B.213
2710490000	TS TTB 6 GN	B.215
2710490000	TS TTB 6 GN	B.217
2710490000	TS TTB 6 GN	B.222
2710500000	TS TTB 6 YL	B.213
2710500000	TS TTB 6 YL	B.215
2710500000	TS TTB 6 YL	B.217
2710500000	TS TTB 6 YL	B.222
2710520000	TS TTB 6 BK	B.213
2710520000	TS TTB 6 BK	B.215
2710520000	TS TTB 6 BK	B.217
2710530000	TS TTB 6 VT	B.213
2710530000	TS TTB 6 VT	B.215
2710530000	TS TTB 6 VT	B.217
2710530000	TS TTB 6 VT	B.222
2712740000	APG 2.5/3-2BG-GN	A.140
2712760000	APG 2.5/5-4BG-GN	A.140
2712770000	APG 2.5/6-5BG-GN	A.140
2712780000	APG 2.5/7-6BG-GN	A.140
2712790000	APG 2.5/8-7BG-GN	A.140
2712810000	APG 2.5/10-9BG-GN	A.140
2712960000	AAP11 6/6X1.5 LO-LI WT	B.105
2712970000	AAP12 10/4X2.5 LO-LI WT	B.111
2716000000	TS 35X7.5 2M/CRN 316L	C.10
2718300000	AAP11 6 LO GN/OR	B.104
2719740000	APG 1.5/3-2BG-GN	A.140
2719770000	APG 1.5/5-4BG-GN	A.140
2719780000	APG 1.5/6-5BG-GN	A.140
2719800000	APG 1.5/7-6BG-GN	A.140
2719810000	APG 1.5/8-7BG-GN	A.140
2719830000	APG 1.5/10-9BG-GN	A.140

2720000000

2723370000	A2T 2.5 N-FT	A.79
2724450000	A2T 4 N-FT	A.83
2725260000	WPD 104 1X25+1X16/2X16+3X10 RD	B.70
2725270000	WPD 109 1X185/2X35+3X25+4X16 RD	B.84
2725280000	WPD 108 1X120/2X35+3X25+4X16 RD	B.82
2725290000	WPD 204 2X25/4X16+6X10 2XRD	B.70
2725300000	WPD 304 3X25/6X16+9X10 3XRD	B.71
2725310000	WPD 105 1X35+1X16/2X25+3X16 RD	B.74
2725320000	WPD 205 2X35/4X25+6X16 2XRD	B.74
2725330000	WPD 305 3X35/6X25+9X16 3XRD	B.75
2725340000	WPD 106 1X70/2X25+3X16 RD	B.78
2725350000	WPD 107 1X95/2X35+8X25 RD	B.80
2725360000	WPD 104 1X25+1X16/2X16+3X10 BK	B.70
2725370000	WPD 109 1X185/2X35+3X25+4X16 BK	B.84
2725380000	WPD 108 1X120/2X35+3X25+4X16 BK	B.82
2725390000	WPD 204 2X25/4X16+6X10 2XBK	B.70
2725400000	WPD 304 3X25/6X16+9X10 3XBK	B.71
2725410000	WPD 105 1X35+1X16/2X25+3X16 BK	B.74
2725420000	WPD 205 2X35/4X25+6X16 2XBK	B.74
2725430000	WPD 305 3X35/6X25+9X16 3XBK	B.75
2725440000	WPD 106 1X70/2X25+3X16 BK	B.78
2725450000	WPD 107 1X95/2X35+8X25 BK	B.80
2726100000	LL TTB 6/3 CM	B.212
2726100000	LL TTB 6/3 CM	B.214
2726100000	LL TTB 6/3 CM	B.216
2726100000	LL TTB 6/3 CM	B.220
2726100000	LL TTB 6/3 CM	B.222
2726110000	LL TTB 6/4 CM	B.212
2726110000	LL TTB 6/4 CM	B.214
2726110000	LL TTB 6/4 CM	B.216
2726110000	LL TTB 6/4 CM	B.220
2726110000	LL TTB 6/4 CM	B.222
2728630000	AWPD 35 4X10	B.54
2728700000	A2C 150/185	A.74
2728700000	A2C 150/185	B.20
2728710000	A2C 150/185 BL	A.74
2728710000	A2C 150/185 BL	B.20
2728720000	A2C 150/185 FE	B.20
2728720000	A2C 150/185 FE	B.285
2728770000	A2C 150/185-DM	A.75
2728770000	A2C 150/185-DM	B.21
2728780000	A2C 150/185 BL-DM	A.75
2728780000	A2C 150/185 BL-DM	B.21
2728790000	A2C 150/185 FE-DM	B.21
2728840000	ZQV 150/185N/2	A.74
2728840000	ZQV 150/185N/2	A.75
2728840000	ZQV 150/185N/2	A.170
2728840000	ZQV 150/185N/2	B.20
2728840000	ZQV 150/185N/2	B.21
2728840000	ZQV 150/185N/2	B.24
2728840000	ZQV 150/185N/2	B.285
2728850000	ZQV 150/185N/3	A.74
2728850000	ZQV 150/185N/3	A.75
2728850000	ZQV 150/185N/3	A.170
2728850000	ZQV 150/185N/3	B.20
2728850000	ZQV 150/185N/3	B.21
2728850000	ZQV 150/185N/3	B.24
2728850000	ZQV 150/185N/3	B.285

2730000000

2730310000	WPD 111 1X95/4X35 RD	B.86
2730320000	WPD 111 1X95/4X35 BK	B.86
2730350000	WPD 113 1X185+1X150/8X35 RD	B.88
2730360000	WPD 113 1X185+1X150/8X35 BK	B.88
2731220000	WPD 201 4X25/4X16 GY	B.62
2731230000	WPD 201 4X25/4X16 BL	B.62
2731240000	WPD 201 4X25/4X16 GN	B.62
2731250000	WPD 201 4X25/4X16 BN	B.62
2731260000	WPD 201 4X25/4X16 BK	B.62
2731380000	TS 35X7.5/1.0 2M/CU/BK	C.10

Order No.	Type	Page
2732600000	WDK 2.5V ZQV OR	A.321
2733950000	ZQV 6N/6	A.169
2733950000	ZQV 6N/6	B.212
2733950000	ZQV 6N/6	B.213
2733950000	ZQV 6N/6	B.214
2733950000	ZQV 6N/6	B.215
2733950000	ZQV 6N/6	B.216
2733950000	ZQV 6N/6	B.217
2733950000	ZQV 6N/6	B.220
2733950000	ZQV 6N/6	B.221
2733950000	ZQV 6N/6	B.223
2733960000	ZQV 6N/7	A.169
2733960000	ZQV 6N/7	B.212
2733960000	ZQV 6N/7	B.213
2733960000	ZQV 6N/7	B.214
2733960000	ZQV 6N/7	B.215
2733960000	ZQV 6N/7	B.216
2733960000	ZQV 6N/7	B.217
2733960000	ZQV 6N/7	B.220
2733960000	ZQV 6N/7	B.221
2733960000	ZQV 6N/7	B.223
2733970000	ZQV 6N/10	A.169
2733970000	ZQV 6N/10	B.212
2733970000	ZQV 6N/10	B.213
2733970000	ZQV 6N/10	B.214
2733970000	ZQV 6N/10	B.215
2733970000	ZQV 6N/10	B.216
2733970000	ZQV 6N/10	B.217
2733970000	ZQV 6N/10	B.220
2733970000	ZQV 6N/10	B.221
2733970000	ZQV 6N/10	B.223
2734150000	A2C 4 FE WT	B.273
2734150000	A2C 4 FE WT	B.275
2734160000	A2C 6 FE WT	B.273
2734160000	A2C 6 FE WT	B.275
2734170000	A2C 10 FE WT	B.273
2734170000	A2C 10 FE WT	B.275
2736830000	A2T 2.5 3C N-FT	A.81
2738140000	ZDK 2.5/D/9	A.281
2738690000	RAILASSEMBLER	A.155
2739600000	WDK 2.5V ZQV	A.321
2739610000	WDK 2.5V ZQV BL	A.321

2740000000

Order No.	Type	Page
2744110000	A2T 2.5 DT/DT	A.120
2744120000	A2T 2.5 DT/DT BL	A.120
2744130000	A2T 2.5 DT/FT	A.120
2744140000	A2T 2.5 DT/FT BL	A.120
2744150000	AEP DT 2.5 2T	A.120
2744160000	AEP DT 2.5 2T BL	A.120
2749140000	SDIL 0,6X3,5X100	A.8
2749140000	SDIL 0,6X3,5X100	A.9
2749140000	SDIL 0,6X3,5X100	A.10
2749140000	SDIL 0,6X3,5X100	A.11
2749140000	SDIL 0,6X3,5X100	A.18
2749140000	SDIL 0,6X3,5X100	A.19
2749140000	SDIL 0,6X3,5X100	A.20
2749140000	SDIL 0,6X3,5X100	A.21
2749140000	SDIL 0,6X3,5X100	A.22
2749140000	SDIL 0,6X3,5X100	A.23
2749140000	SDIL 0,6X3,5X100	A.24
2749140000	SDIL 0,6X3,5X100	A.25
2749140000	SDIL 0,6X3,5X100	A.28
2749140000	SDIL 0,6X3,5X100	A.29
2749140000	SDIL 0,6X3,5X100	A.30
2749140000	SDIL 0,6X3,5X100	A.31
2749140000	SDIL 0,6X3,5X100	A.38
2749140000	SDIL 0,6X3,5X100	A.39
2749140000	SDIL 0,6X3,5X100	A.40
2749140000	SDIL 0,6X3,5X100	A.41
2749140000	SDIL 0,6X3,5X100	A.42
2749140000	SDIL 0,6X3,5X100	A.43
2749140000	SDIL 0,6X3,5X100	A.44
2749140000	SDIL 0,6X3,5X100	A.45
2749140000	SDIL 0,6X3,5X100	A.46
2749140000	SDIL 0,6X3,5X100	A.47
2749140000	SDIL 0,6X3,5X100	A.48
2749140000	SDIL 0,6X3,5X100	A.49
2749140000	SDIL 0,6X3,5X100	A.50
2749140000	SDIL 0,6X3,5X100	A.59
2749140000	SDIL 0,6X3,5X100	A.60
2749140000	SDIL 0,6X3,5X100	A.61
2749140000	SDIL 0,6X3,5X100	A.68
2749140000	SDIL 0,6X3,5X100	A.69
2749140000	SDIL 0,6X3,5X100	A.70
2749140000	SDIL 0,6X3,5X100	A.71
2749140000	SDIL 0,6X3,5X100	A.78
2749140000	SDIL 0,6X3,5X100	A.79
2749140000	SDIL 0,6X3,5X100	A.80
2749140000	SDIL 0,6X3,5X100	A.81
2749140000	SDIL 0,6X3,5X100	A.82
2749140000	SDIL 0,6X3,5X100	A.83
2749140000	SDIL 0,6X3,5X100	A.84
2749140000	SDIL 0,6X3,5X100	A.85
2749140000	SDIL 0,6X3,5X100	A.88
2749140000	SDIL 0,6X3,5X100	A.89
2749140000	SDIL 0,6X3,5X100	A.90
2749140000	SDIL 0,6X3,5X100	A.93
2749140000	SDIL 0,6X3,5X100	A.94
2749140000	SDIL 0,6X3,5X100	A.95
2749140000	SDIL 0,6X3,5X100	A.98
2749140000	SDIL 0,6X3,5X100	A.99
2749140000	SDIL 0,6X3,5X100	A.100
2749140000	SDIL 0,6X3,5X100	A.103
2749140000	SDIL 0,6X3,5X100	A.104
2749140000	SDIL 0,6X3,5X100	A.105
2749140000	SDIL 0,6X3,5X100	A.106
2749140000	SDIL 0,6X3,5X100	A.107
2749140000	SDIL 0,6X3,5X100	A.108
2749140000	SDIL 0,6X3,5X100	A.109
2749140000	SDIL 0,6X3,5X100	A.110
2749140000	SDIL 0,6X3,5X100	A.111
2749140000	SDIL 0,6X3,5X100	A.113
2749140000	SDIL 0,6X3,5X100	A.114
2749140000	SDIL 0,6X3,5X100	A.115
2749140000	SDIL 0,6X3,5X100	A.116
2749140000	SDIL 0,6X3,5X100	A.117
2749140000	SDIL 0,6X3,5X100	A.118
2749140000	SDIL 0,6X3,5X100	A.119
2749140000	SDIL 0,6X3,5X100	A.120
2749140000	SDIL 0,6X3,5X100	A.121
2749140000	SDIL 0,6X3,5X100	A.127
2749140000	SDIL 0,6X3,5X100	A.128
2749140000	SDIL 0,6X3,5X100	A.129
2749140000	SDIL 0,6X3,5X100	A.130
2749140000	SDIL 0,6X3,5X100	A.131
2749140000	SDIL 0,6X3,5X100	A.132
2749140000	SDIL 0,6X3,5X100	A.133
2749140000	SDIL 0,6X3,5X100	A.134
2749140000	SDIL 0,6X3,5X100	A.135
2749140000	SDIL 0,6X3,5X100	A.136
2749140000	SDIL 0,6X3,5X100	A.146
2749140000	SDIL 0,6X3,5X100	A.147
2749140000	SDIL 0,6X3,5X100	A.148
2749140000	SDIL 0,6X3,5X100	A.149
2749140000	SDIL 0,6X3,5X100	A.150
2749140000	SDIL 0,6X3,5X100	A.160
2749140000	SDIL 0,6X3,5X100	B.96
2749140000	SDIL 0,6X3,5X100	B.111
2749140000	SDIL 0,6X3,5X100	B.113
2749140000	SDIL 0,6X3,5X100	B.116
2749140000	SDIL 0,6X3,5X100	B.117
2749140000	SDIL 0,6X3,5X100	B.118
2749140000	SDIL 0,6X3,5X100	B.121
2749140000	SDIL 0,6X3,5X100	B.178
2749140000	SDIL 0,6X3,5X100	B.180
2749140000	SDIL 0,6X3,5X100	B.182
2749140000	SDIL 0,6X3,5X100	B.184
2749140000	SDIL 0,6X3,5X100	B.185
2749140000	SDIL 0,6X3,5X100	B.186
2749140000	SDIL 0,6X3,5X100	B.187
2749140000	SDIL 0,6X3,5X100	B.188
2749140000	SDIL 0,6X3,5X100	B.189
2749140000	SDIL 0,6X3,5X100	B.190
2749140000	SDIL 0,6X3,5X100	B.191
2749140000	SDIL 0,6X3,5X100	B.192
2749140000	SDIL 0,6X3,5X100	B.193
2749140000	SDIL 0,6X3,5X100	B.274
2749140000	SDIL 0,6X3,5X100	B.275
2749140000	SDIL 0,6X3,5X100	B.278
2749140000	SDIL 0,6X3,5X100	B.279
2749140000	SDIL 0,6X3,5X100	B.280
2749160000	SDIL 1,0X5,5X125	A.12
2749160000	SDIL 1,0X5,5X125	A.13
2749160000	SDIL 1,0X5,5X125	A.14
2749160000	SDIL 1,0X5,5X125	A.15
2749160000	SDIL 1,0X5,5X125	A.16
2749160000	SDIL 1,0X5,5X125	A.17
2749160000	SDIL 1,0X5,5X125	A.32
2749160000	SDIL 1,0X5,5X125	A.33
2749160000	SDIL 1,0X5,5X125	A.34
2749160000	SDIL 1,0X5,5X125	A.35
2749160000	SDIL 1,0X5,5X125	A.36
2749160000	SDIL 1,0X5,5X125	A.37
2749160000	SDIL 1,0X5,5X125	A.62
2749160000	SDIL 1,0X5,5X125	A.63
2749160000	SDIL 1,0X5,5X125	A.64
2749160000	SDIL 1,0X5,5X125	A.65
2749160000	SDIL 1,0X5,5X125	A.66
2749160000	SDIL 1,0X5,5X125	A.67
2749160000	SDIL 1,0X5,5X125	A.95
2749160000	SDIL 1,0X5,5X125	A.96
2749160000	SDIL 1,0X5,5X125	A.97
2749160000	SDIL 1,0X5,5X125	A.98
2749160000	SDIL 1,0X5,5X125	B.104
2749160000	SDIL 1,0X5,5X125	B.105
2749160000	SDIL 1,0X5,5X125	B.106
2749160000	SDIL 1,0X5,5X125	B.107
2749160000	SDIL 1,0X5,5X125	B.110
2749160000	SDIL 1,0X5,5X125	B.111
2749160000	SDIL 1,0X5,5X125	B.112
2749160000	SDIL 1,0X5,5X125	B.120
2749160000	SDIL 1,0X5,5X125	B.178
2749160000	SDIL 1,0X5,5X125	B.179
2749160000	SDIL 1,0X5,5X125	B.180
2749160000	SDIL 1,0X5,5X125	B.181
2749160000	SDIL 1,0X5,5X125	B.182
2749160000	SDIL 1,0X5,5X125	B.183
2749160000	SDIL 1,0X5,5X125	B.275
2749160000	SDIL 1,0X5,5X125	B.281
2749260000	SDS 0.4X2.0X60	A.6
2749260000	SDS 0.4X2.0X60	A.7
2749260000	SDS 0.4X2.0X60	A.26
2749260000	SDS 0.4X2.0X60	A.27
2749260000	SDS 0.4X2.0X60	A.58
2749260000	SDS 0.4X2.0X60	A.59
2749260000	SDS 0.4X2.0X60	A.76
2749260000	SDS 0.4X2.0X60	A.77
2749260000	SDS 0.4X2.0X60	A.86
2749260000	SDS 0.4X2.0X60	A.87
2749260000	SDS 0.4X2.0X60	A.92
2749260000	SDS 0.4X2.0X60	A.93
2749260000	SDS 0.4X2.0X60	A.105
2749260000	SDS 0.4X2.0X60	A.112
2749260000	SDS 0.4X2.0X60	A.113
2749260000	SDS 0.4X2.0X60	A.122
2749260000	SDS 0.4X2.0X60	A.123
2749260000	SDS 0.4X2.0X60	A.124
2749260000	SDS 0.4X2.0X60	A.125
2749260000	SDS 0.4X2.0X60	A.126
2749260000	SDS 0.4X2.0X60	A.186
2749260000	SDS 0.4X2.0X60	A.187
2749260000	SDS 0.4X2.0X60	A.202
2749260000	SDS 0.4X2.0X60	A.203
2749260000	SDS 0.4X2.0X60	A.219
2749260000	SDS 0.4X2.0X60	A.220
2749260000	SDS 0.4X2.0X60	A.232
2749260000	SDS 0.4X2.0X60	B.124
2749260000	SDS 0.4X2.0X60	B.125
2749260000	SDS 0.4X2.0X60	B.207
2749330000	SDS 0.5X3.0X80	A.233
2749340000	SDS 0.6X3.5X100	A.211
2749340000	SDS 0.6X3.5X100	A.240
2749340000	SDS 0.6X3.5X100	A.260
2749340000	SDS 0.6X3.5X100	A.282
2749340000	SDS 0.6X3.5X100	A.330
2749340000	SDS 0.6X3.5X100	A.331
2749340000	SDS 0.6X3.5X100	A.332
2749340000	SDS 0.6X3.5X100	A.333
2749340000	SDS 0.6X3.5X100	A.334
2749340000	SDS 0.6X3.5X100	A.335
2749340000	SDS 0.6X3.5X100	A.340
2749340000	SDS 0.6X3.5X100	A.341
2749340000	SDS 0.6X3.5X100	A.342
2749340000	SDS 0.6X3.5X100	A.343
2749340000	SDS 0.6X3.5X100	A.344
2749340000	SDS 0.6X3.5X100	A.345
2749340000	SDS 0.6X3.5X100	A.346
2749340000	SDS 0.6X3.5X100	A.347
2749340000	SDS 0.6X3.5X100	A.348
2749340000	SDS 0.6X3.5X100	A.349
2749340000	SDS 0.6X3.5X100	A.358
2749340000	SDS 0.6X3.5X100	A.360
2749340000	SDS 0.6X3.5X100	A.361
2749340000	SDS 0.6X3.5X100	A.362
2749340000	SDS 0.6X3.5X100	A.368
2749340000	SDS 0.6X3.5X100	A.369
2749340000	SDS 0.6X3.5X100	A.370
2749340000	SDS 0.6X3.5X100	A.371
2749340000	SDS 0.6X3.5X100	A.372
2749340000	SDS 0.6X3.5X100	A.373
2749340000	SDS 0.6X3.5X100	A.374
2749340000	SDS 0.6X3.5X100	A.375
2749340000	SDS 0.6X3.5X100	A.378
2749340000	SDS 0.6X3.5X100	A.379
2749340000	SDS 0.6X3.5X100	A.382
2749340000	SDS 0.6X3.5X100	A.383
2749340000	SDS 0.6X3.5X100	A.384
2749340000	SDS 0.6X3.5X100	A.385
2749340000	SDS 0.6X3.5X100	A.386
2749340000	SDS 0.6X3.5X100	A.387
2749340000	SDS 0.6X3.5X100	A.388
2749340000	SDS 0.6X3.5X100	A.389
2749340000	SDS 0.6X3.5X100	A.390
2749340000	SDS 0.6X3.5X100	A.399
2749340000	SDS 0.6X3.5X100	A.400
2749340000	SDS 0.6X3.5X100	A.401
2749340000	SDS 0.6X3.5X100	A.402
2749340000	SDS 0.6X3.5X100	A.403
2749340000	SDS 0.6X3.5X100	B.130
2749340000	SDS 0.6X3.5X100	B.131
2749340000	SDS 0.6X3.5X100	B.132
2749340000	SDS 0.6X3.5X100	B.133
2749340000	SDS 0.6X3.5X100	B.143
2749340000	SDS 0.6X3.5X100	B.144
2749340000	SDS 0.6X3.5X100	B.145
2749340000	SDS 0.6X3.5X100	B.146
2749340000	SDS 0.6X3.5X100	B.147
2749340000	SDS 0.6X3.5X100	B.148
2749340000	SDS 0.6X3.5X100	B.149
2749340000	SDS 0.6X3.5X100	B.150
2749340000	SDS 0.6X3.5X100	B.151
2749340000	SDS 0.6X3.5X100	B.152
2749340000	SDS 0.6X3.5X100	B.153
2749340000	SDS 0.6X3.5X100	B.154
2749340000	SDS 0.6X3.5X100	B.155
2749340000	SDS 0.6X3.5X100	B.156
2749340000	SDS 0.6X3.5X100	B.157
2749340000	SDS 0.6X3.5X100	B.158
2749340000	SDS 0.6X3.5X100	B.159
2749340000	SDS 0.6X3.5X100	B.164
2749340000	SDS 0.6X3.5X100	B.165
2749340000	SDS 0.6X3.5X100	B.166
2749340000	SDS 0.6X3.5X100	B.167
2749340000	SDS 0.6X3.5X100	B.168
2749340000	SDS 0.6X3.5X100	B.169
2749340000	SDS 0.6X3.5X100	B.170
2749340000	SDS 0.6X3.5X100	B.198
2749340000	SDS 0.6X3.5X100	B.199
2749340000	SDS 0.6X3.5X100	B.200
2749340000	SDS 0.6X3.5X100	B.267
2749340000	SDS 0.6X3.5X100	B.268
2749340000	SDS 0.6X3.5X100	B.269
2749340000	SDS 0.6X3.5X100	B.277
2749360000	SDS 0.8X4.0X100	A.245
2749360000	SDS 0.8X4.0X100	A.334
2749360000	SDS 0.8X4.0X100	A.350
2749360000	SDS 0.8X4.0X100	A.351
2749360000	SDS 0.8X4.0X100	A.354
2749360000	SDS 0.8X4.0X100	A.355
2749360000	SDS 0.8X4.0X100	B.237
2749380000	SDS 1.0X5.5X150	A.72
2749380000	SDS 1.0X5.5X150	A.73
2749380000	SDS 1.0X5.5X150	A.74
2749380000	SDS 1.0X5.5X150	A.75
2749380000	SDS 1.0X5.5X150	A.101
2749380000	SDS 1.0X5.5X150	A.102
2749380000	SDS 1.0X5.5X150	A.191
2749380000	SDS 1.0X5.5X150	A.192
2749380000	SDS 1.0X5.5X150	A.193
2749380000	SDS 1.0X5.5X150	A.194
2749380000	SDS 1.0X5.5X150	A.199
2749380000	SDS 1.0X5.5X150	A.223
2749380000	SDS 1.0X5.5X150	A.224
2749380000	SDS 1.0X5.5X150	A.225
2749380000	SDS 1.0X5.5X150	A.229
2749380000	SDS 1.0X5.5X150	A.325
2749380000	SDS 1.0X5.5X150	A.326
2749380000	SDS 1.0X5.5X150	A.327
2749380000	SDS 1.0X5.5X150	A.328
2749380000	SDS 1.0X5.5X150	A.329
2749380000	SDS 1.0X5.5X150	A.335
2749380000	SDS 1.0X5.5X150	A.336
2749380000	SDS 1.0X5.5X150	A.341
2749380000	SDS 1.0X5.5X150	B.8
2749380000	SDS 1.0X5.5X150	B.9
2749380000	SDS 1.0X5.5X150	B.10
2749380000	SDS 1.0X5.5X150	B.11
2749380000	SDS 1.0X5.5X150	B.12
2749380000	SDS 1.0X5.5X150	B.16
2749380000	SDS 1.0X5.5X150	B.17
2749380000	SDS 1.0X5.5X150	B.18
2749380000	SDS 1.0X5.5X150	B.19
2749380000	SDS 1.0X5.5X150	B.20
2749380000	SDS 1.0X5.5X150	B.21
2749380000	SDS 1.0X5.5X150	B.22
2749380000	SDS 1.0X5.5X150	B.23
2749380000	SDS 1.0X5.5X150	B.24
2749380000	SDS 1.0X5.5X150	B.98
2749380000	SDS 1.0X5.5X150	B.251
2749380000	SDS 1.0X5.5X150	B.282
2749380000	SDS 1.0X5.5X150	B.283
2749380000	SDS 1.0X5.5X150	B.284
2749380000	SDS 1.0X5.5X150	B.285
2749390000	SDS 1.2X6.5X150	A.336
2749390000	SDS 1.2X6.5X150	A.337
2749390000	SDS 1.2X6.5X150	B.32
2749390000	SDS 1.2X6.5X150	B.33
2749390000	SDS 1.2X6.5X150	B.249
2749390000	SDS 1.2X6.5X150	B.268
2749390000	SDS 1.2X6.5X150	B.269
2749390000	SDS 1.2X6.5X150	B.293
2749410000	SDK PH1 X 80	B.170
2749440000	SDK PZ1 X 80	B.170
2749450000	SDK PZ2 X 100	B.56
2749450000	SDK PZ2 X 100	B.58
2749450000	SDK PZ2 X 100	B.60
2749450000	SDK PZ2 X 100	B.61
2749450000	SDK PZ2 X 100	B.62
2749450000	SDK PZ2 X 100	B.64
2749450000	SDK PZ2 X 100	B.66
2749450000	SDK PZ2 X 100	B.70
2749450000	SDK PZ2 X 100	B.71
2749450000	SDK PZ2 X 100	B.74
2749450000	SDK PZ2 X 100	B.75
2749450000	SDK PZ2 X 100	B.78
2749450000	SDK PZ2 X 100	B.80
2749450000	SDK PZ2 X 100	B.82
2749450000	SDK PZ2 X 100	B.84
2749450000	SDK PZ2 X 100	B.86
2749450000	SDK PZ2 X 100	B.88
2749610000	SDIS SLIM 0.6X3.5X100	A.180
2749610000	SDIS SLIM 0.6X3.5X100	A.181
2749610000	SDIS SLIM 0.6X3.5X100	A.182
2749610000	SDIS SLIM 0.6X3.5X100	A.183

Order No.	Type	Page
2749610000	SDIS SLIM 0.6X3.5X100	A.188
2749610000	SDIS SLIM 0.6X3.5X100	A.189
2749610000	SDIS SLIM 0.6X3.5X100	A.190
2749610000	SDIS SLIM 0.6X3.5X100	A.191
2749610000	SDIS SLIM 0.6X3.5X100	A.196
2749610000	SDIS SLIM 0.6X3.5X100	A.197
2749610000	SDIS SLIM 0.6X3.5X100	A.198
2749610000	SDIS SLIM 0.6X3.5X100	A.200
2749610000	SDIS SLIM 0.6X3.5X100	A.201
2749610000	SDIS SLIM 0.6X3.5X100	A.204
2749610000	SDIS SLIM 0.6X3.5X100	A.205
2749610000	SDIS SLIM 0.6X3.5X100	A.206
2749610000	SDIS SLIM 0.6X3.5X100	A.207
2749610000	SDIS SLIM 0.6X3.5X100	A.209
2749610000	SDIS SLIM 0.6X3.5X100	A.210
2749610000	SDIS SLIM 0.6X3.5X100	A.212
2749610000	SDIS SLIM 0.6X3.5X100	A.213
2749610000	SDIS SLIM 0.6X3.5X100	A.214
2749610000	SDIS SLIM 0.6X3.5X100	A.215
2749610000	SDIS SLIM 0.6X3.5X100	A.216
2749610000	SDIS SLIM 0.6X3.5X100	A.217
2749610000	SDIS SLIM 0.6X3.5X100	A.218
2749610000	SDIS SLIM 0.6X3.5X100	A.219
2749610000	SDIS SLIM 0.6X3.5X100	A.220
2749610000	SDIS SLIM 0.6X3.5X100	A.221
2749610000	SDIS SLIM 0.6X3.5X100	A.222
2749610000	SDIS SLIM 0.6X3.5X100	A.226
2749610000	SDIS SLIM 0.6X3.5X100	A.227
2749610000	SDIS SLIM 0.6X3.5X100	A.228
2749610000	SDIS SLIM 0.6X3.5X100	A.230
2749610000	SDIS SLIM 0.6X3.5X100	A.231
2749610000	SDIS SLIM 0.6X3.5X100	A.232
2749610000	SDIS SLIM 0.6X3.5X100	A.233
2749610000	SDIS SLIM 0.6X3.5X100	A.234
2749610000	SDIS SLIM 0.6X3.5X100	A.235
2749610000	SDIS SLIM 0.6X3.5X100	A.236
2749610000	SDIS SLIM 0.6X3.5X100	A.237
2749610000	SDIS SLIM 0.6X3.5X100	A.238
2749610000	SDIS SLIM 0.6X3.5X100	A.239
2749610000	SDIS SLIM 0.6X3.5X100	A.240
2749610000	SDIS SLIM 0.6X3.5X100	A.242
2749610000	SDIS SLIM 0.6X3.5X100	A.247
2749610000	SDIS SLIM 0.6X3.5X100	A.248
2749610000	SDIS SLIM 0.6X3.5X100	A.250
2749610000	SDIS SLIM 0.6X3.5X100	A.251
2749610000	SDIS SLIM 0.6X3.5X100	A.252
2749610000	SDIS SLIM 0.6X3.5X100	A.254
2749610000	SDIS SLIM 0.6X3.5X100	A.255
2749610000	SDIS SLIM 0.6X3.5X100	A.256
2749610000	SDIS SLIM 0.6X3.5X100	A.257
2749610000	SDIS SLIM 0.6X3.5X100	A.258
2749610000	SDIS SLIM 0.6X3.5X100	A.259
2749610000	SDIS SLIM 0.6X3.5X100	A.260
2749610000	SDIS SLIM 0.6X3.5X100	A.261
2749610000	SDIS SLIM 0.6X3.5X100	A.262
2749610000	SDIS SLIM 0.6X3.5X100	A.263
2749610000	SDIS SLIM 0.6X3.5X100	A.266
2749610000	SDIS SLIM 0.6X3.5X100	A.267
2749610000	SDIS SLIM 0.6X3.5X100	A.268
2749610000	SDIS SLIM 0.6X3.5X100	A.274
2749610000	SDIS SLIM 0.6X3.5X100	A.275
2749610000	SDIS SLIM 0.6X3.5X100	A.276
2749610000	SDIS SLIM 0.6X3.5X100	A.277
2749610000	SDIS SLIM 0.6X3.5X100	A.278
2749610000	SDIS SLIM 0.6X3.5X100	A.279
2749610000	SDIS SLIM 0.6X3.5X100	A.280
2749610000	SDIS SLIM 0.6X3.5X100	A.281
2749610000	SDIS SLIM 0.6X3.5X100	A.380
2749610000	SDIS SLIM 0.6X3.5X100	B.97
2749610000	SDIS SLIM 0.6X3.5X100	B.128
2749610000	SDIS SLIM 0.6X3.5X100	B.129
2749610000	SDIS SLIM 0.6X3.5X100	B.160
2749610000	SDIS SLIM 0.6X3.5X100	B.161
2749610000	SDIS SLIM 0.6X3.5X100	B.162
2749610000	SDIS SLIM 0.6X3.5X100	B.163
2749610000	SDIS SLIM 0.6X3.5X100	B.276
2749620000	SDIS SLIM 0.8X4.0X100	A.187
2749620000	SDIS SLIM 0.8X4.0X100	A.199
2749620000	SDIS SLIM 0.8X4.0X100	A.229
2749620000	SDIS SLIM 0.8X4.0X100	A.244
2749620000	SDIS SLIM 0.8X4.0X100	A.245
2749620000	SDIS SLIM 0.8X4.0X100	A.246
2749620000	SDIS SLIM 0.8X4.0X100	A.247
2749620000	SDIS SLIM 0.8X4.0X100	A.248
2749780000	SDIS 0.4X2.0X60	A.102
2749780000	SDIS 0.4X2.0X60	B.105
2749780000	SDIS 0.4X2.0X60	B.107
2749810000	SDIS 0.6X3.5X100	A.251
2749810000	SDIS 0.6X3.5X100	A.329
2749810000	SDIS 0.6X3.5X100	B.54
2749810000	SDIS 0.6X3.5X100	B.99
2749810000	SDIS 0.6X3.5X100	B.170
2749810000	SDIS 0.6X3.5X100	B.202
2749810000	SDIS 0.6X3.5X100	B.203
2749810000	SDIS 0.6X3.5X100	B.285
2749810000	SDIS 0.6X3.5X100	B.292
2749850000	SDIS 1.0X5.5X125	B.54
2749850000	SDIS 1.0X5.5X125	B.285

Order No.	Type	Page
2750000000		
2751080000	SEP 2C 2.5	A.8
2751080000	SEP 2C 2.5	A.28
2751080000	SEP 2C 2.5	A.45
2751090000	SEP 3C 2.5	A.8
2751090000	SEP 3C 2.5	A.28
2751090000	SEP 3C 2.5	A.41
2751090000	SEP 3C 2.5	A.46
2751100000	SEP 4C 2.5	A.9
2751100000	SEP 4C 2.5	A.29
2751100000	SEP 4C 2.5	A.42
2753940000	S2C 2.5 BL	A.8
2753940000	S2C 2.5 BL	A.54
2753950000	S3C 2.5 BL	A.8
2753950000	S3C 2.5 BL	A.54
2753960000	S4C 2.5 BL	A.9
2753960000	S4C 2.5 BL	A.54
2756940000	EBB 25-50/16 AM	B.272
2760000000		
2762280000	ATTB 6 PG CT	B.220
2762280000	ATTB 6 PG CT	B.221
2762290000	ATTB 6 PG VT	B.220
2762290000	ATTB 6 PG VT	B.221
2762310000	AEP TTB 6 PG	B.220
2762310000	AEP TTB 6 PG	B.221
2762320000	APG 6/1	A.136
2762320000	APG 6/1	A.139
2762320000	APG 6/1	B.220
2762320000	APG 6/1	B.221
2762320000	APG 6/1	B.224
2762330000	APG 6/2 MBB	B.220
2762330000	APG 6/2 MBB	B.221
2762330000	APG 6/2 MBB	B.224
2762340000	APG 6/3 MBB	B.220
2762340000	APG 6/3 MBB	B.221
2762340000	APG 6/3 MBB	B.224
2762390000	APGSR 6	A.139
2762390000	APGSR 6	A.142
2762390000	APGSR 6	B.220
2762390000	APGSR 6	B.225
2762400000	APGLE 6	A.139
2762400000	APGLE 6	A.143
2762400000	APGLE 6	B.220
2762400000	APGLE 6	B.225
2762410000	APGPC 6	A.139
2762410000	APGPC 6	A.143
2762410000	APGPC 6	B.220
2762410000	APGPC 6	B.224
2762660000	JB 25-50 TH	B.272
2770000000		
2770670000	DEK 5/8 PLUS MC WS LRP	B.221
2780000000		
2786890000	ZQV 6N/6 BL	A.169
2786900000	ZQV 6N/7 BL	A.169
2786910000	ZQV 6N/10 BL	A.169
2810000000		
2810820000	ZQV 6N/20	A.169
2810830000	ZQV 4N/10 BK	A.171
2810830000	ZQV 4N/10 BK	A.413
2810840000	ZQV 4N/2 BK	A.171
2810840000	ZQV 4N/2 BK	A.413
2810850000	ZQV 4N/20 BL	A.168
2810850000	ZQV 4N/20 BL	A.412
2810860000	ZQV 4N/20 RD	A.168
2810860000	ZQV 4N/20 RD	A.412
2810870000	ZQV 4N/20 BK	A.171
2810870000	ZQV 4N/20 BK	A.413
2810880000	ZQV 4N/3 BK	A.171
2810880000	ZQV 4N/3 BK	A.413
2810890000	ZQV 4N/4 BK	A.171
2810890000	ZQV 4N/4 BK	A.413
2810900000	ZQV 4N/5 BK	A.171
2810900000	ZQV 4N/5 BK	A.413
2810910000	ZQV 4N/6 BK	A.171
2810910000	ZQV 4N/6 BK	A.413
2810920000	ZQV 4N/7 BK	A.171
2810920000	ZQV 4N/7 BK	A.413
2810930000	ZQV 4N/8 BK	A.171
2810930000	ZQV 4N/8 BK	A.413
2814490000	WPD 100 2X25/6X10 BK	B.56
2814500000	WPD 100 2X25/6X10 BN	B.56
2814510000	WPD 110 1X70+1X35/6X16 BK	B.58
2814520000	WPD 110 1X70+1X35/6X16 BN	B.58
2816930000	A3T 1.5	A.86
2816940000	A3T 1.5 BL	A.86
2816950000	AEP 3T 1.5	A.86
2816950000	AEP 3T 1.5	A.87
2816950000	AEP 3T 1.5	A.105
2816960000	A2T 4 FS-FT BK	A.111
2816970000	A2T 4 FS-FT 10-36V BK	A.111

Order No.	Type	Page
2816980000	A2T 4 FS-FT 30-70V BK	A.111
2816990000	A2T 4 FS-FT 60-150V BK	A.111
2817000000	A2T 4 FS-FT 100-250V BK	A.111
2817010000	A2T 4 FS-FT-PE BK	A.111
2817020000	A2T 4 FS-FT-PE 10-36V BK	A.111
2817030000	A2T 4 FS-FT-PE 30-70V BK	A.111
2817040000	A2T 4 FS-FT-PE 60-150V BK	A.111
2817050000	A2T 4 FS-FT-PE 100-250V BK	A.111
2817060000	AEP 2T 4 FS	A.110
2817060000	AEP 2T 4 FS	A.111
2817060000	AEP 2T 4 FS	A.121
2817980000	A3T 1.5 VL	A.86
2817990000	A3T 1.5 FT-FT-PE	A.87
2818000000	A3T 1.5 PE	A.105
2820000000		
2820630000	A2T 2.5 EM1 D3/1	A.148
2820640000	A2T 2.5 EM1 D3/2	A.148
2820650000	ASP 2T 2.5	A.147
2829060000	APG 6/4	A.139
2829060000	APG 6/4	B.221
2829070000	APG 6/10	A.136
2829070000	APG 6/10	A.139
2830000000		
2831500000	A2T 4 FS-FT	A.110
2831510000	A2T 4 FS-FT-PE	A.110
2831520000	A2T 4 DT-FT	A.110
2831520000	A2T 4 DT-FT	A.111
2831520000	A2T 4 DT-FT	A.121
2831530000	A2T 4 DT-FT-PE	A.110
2831530000	A2T 4 DT-FT-PE	A.111
2831530000	A2T 4 DT-FT-PE	A.121
2831540000	A2T 4 DT-FT W/O DTLV	A.121
2831550000	A2T 4 DT-FT-PE W/O DTLV	A.121
2831560000	ZQV 2.5N/2 WT	A.171
2831560000	ZQV 2.5N/2 WT	A.413
2831570000	ZQV 2.5N/3 WT	A.171
2831570000	ZQV 2.5N/3 WT	A.413
2831580000	ZQV 2.5N/4 WT	A.171
2831580000	ZQV 2.5N/4 WT	A.413
2831590000	ZQV 2.5N/5 WT	A.171
2831590000	ZQV 2.5N/5 WT	A.413
2831600000	ZQV 2.5N/6 WT	A.171
2831600000	ZQV 2.5N/6 WT	A.413
2831610000	ZQV 2.5N/7 WT	A.171
2831610000	ZQV 2.5N/7 WT	A.413
2831620000	ZQV 2.5N/8 WT	A.171
2831620000	ZQV 2.5N/8 WT	A.413
2831630000	ZQV 2.5N/9 WT	A.171
2831630000	ZQV 2.5N/9 WT	A.413
2831640000	ZQV 2.5N/10 WT	A.171
2831640000	ZQV 2.5N/10 WT	A.413
2831650000	ZQV 2.5N/20 WT	A.171
2831650000	ZQV 2.5N/20 WT	A.413
2831660000	ZQV 2.5N/50 WT	A.171
2831660000	ZQV 2.5N/50 WT	A.413
2831670000	ZQV 2.5N/2 BK	A.171
2831670000	ZQV 2.5N/2 BK	A.413
2831680000	ZQV 2.5N/3 BK	A.171
2831680000	ZQV 2.5N/3 BK	A.413
2831690000	ZQV 2.5N/4 BK	A.171
2831690000	ZQV 2.5N/4 BK	A.413
2831700000	ZQV 2.5N/5 BK	A.171
2831700000	ZQV 2.5N/5 BK	A.413
2831710000	ZQV 2.5N/6 BK	A.171
2831710000	ZQV 2.5N/6 BK	A.413
2831720000	ZQV 2.5N/7 BK	A.171
2831720000	ZQV 2.5N/7 BK	A.413
2831730000	ZQV 2.5N/8 BK	A.171
2831730000	ZQV 2.5N/8 BK	A.413
2831740000	ZQV 2.5N/9 BK	A.171
2831740000	ZQV 2.5N/9 BK	A.413
2831750000	ZQV 2.5N/10 BK	A.171
2831750000	ZQV 2.5N/10 BK	A.413
2831760000	ZQV 2.5N/20 BK	A.171
2831760000	ZQV 2.5N/20 BK	A.413
2831770000	ZQV 2.5N/50 BK	A.171
2831770000	ZQV 2.5N/50 BK	A.413
2831780000	ZQV 4N/9 BK	A.171
2831780000	ZQV 4N/9 BK	A.413
2831790000	ZQV 4N/10 WT	A.171
2831790000	ZQV 4N/10 WT	A.413
2831800000	ZQV 4N/2 WT	A.171
2831800000	ZQV 4N/2 WT	A.413
2831810000	ZQV 4N/3 WT	A.171
2831810000	ZQV 4N/3 WT	A.413
2831820000	ZQV 4N/4 WT	A.171
2831820000	ZQV 4N/4 WT	A.413
2831830000	ZQV 4N/5 WT	A.171
2831830000	ZQV 4N/5 WT	A.413
2831840000	ZQV 4N/6 WT	A.171
2831840000	ZQV 4N/6 WT	A.413
2831850000	ZQV 4N/7 WT	A.171
2831850000	ZQV 4N/7 WT	A.413
2831860000	ZQV 4N/8 WT	A.171
2831860000	ZQV 4N/8 WT	A.413

Order No.	Type	Page
2831870000	ZQV 4N/9 WT	A.171
2831870000	ZQV 4N/9 WT	A.413
2831890000	ZQV 4N/41 BK	A.171
2831890000	ZQV 4N/41 BK	A.413
2840000000		
2847200000	AL2C 2.5	A.68
2847200000	AL2C 2.5	A.177
2847210000	AL2C 2.5 BL	A.68
2847210000	AL2C 2.5 BL	A.177
2847220000	AL2C 2.5 DBL	A.177
2847230000	AL2C 2.5 RD	A.177
2847240000	AL2C 2.5 OR	A.177
2847250000	AL2C 2.5 GN	A.177
2847260000	AL2C 2.5 VT	A.177
2847270000	AL2C 2.5 BK	A.177
2847280000	AL2C 2.5 WT	A.177
2847290000	AL2C 2.5 YL	A.177
2847300000	AL2C 2.5 LTGY	A.177
2847310000	AL2C 2.5 BR	A.177
2847320000	AL2C 2.5 FE	B.278
2847330000	AL3C 2.5	A.68
2847330000	AL3C 2.5	A.177
2847340000	AL3C 2.5 BL	A.68
2847340000	AL3C 2.5 BL	A.177
2847350000	AL3C 2.5 DBL	A.177
2847360000	AL3C 2.5 RD	A.177
2847370000	AL3C 2.5 OR	A.177
2847380000	AL3C 2.5 GN	A.177
2847390000	AL3C 2.5 VT	A.177
2847400000	AL3C 2.5 BK	A.177
2847410000	AL3C 2.5 WT	A.177
2847420000	AL3C 2.5 YL	A.177
2847430000	AL3C 2.5 LTGY	A.177
2847440000	AL3C 2.5 BR	A.177
2847450000	AL3C 2.5 FE	B.278
2847460000	AL4C 2.5	A.69
2847460000	AL4C 2.5	A.177
2847470000	AL4C 2.5 BL	A.69
2847470000	AL4C 2.5 BL	A.177
2847480000	AL4C 2.5 DBL	A.177
2847490000	AL4C 2.5 RD	A.177
2847500000	AL4C 2.5 OR	A.177
2847510000	AL4C 2.5 GN	A.177
2847520000	AL4C 2.5 VT	A.177
2847530000	AL4C 2.5 BK	A.177
2847540000	AL4C 2.5 WT	A.177
2847550000	AL4C 2.5 YL	A.177
2847560000	AL4C 2.5 LTGY	A.177
2847570000	AL4C 2.5 BR	A.177
2847580000	AL4C 2.5 FE	B.279
2847590000	AL2C 2.5 PE	A.98
2847600000	AL3C 2.5 PE	A.99
2847610000	AL4C 2.5 PE	A.99
2847620000	AL2T 2.5	A.83
2847630000	AL2T 2.5 VL	A.84
2847640000	AL2T 2.5 FT-PE	A.84
2847650000	AL2T 2.5 PE	A.103
2847710000	AL2C 4	A.70
2847710000	AL2C 4	A.177
2847720000	AL3C 4	A.70
2847720000	AL3C 4	A.177
2847730000	AL4C 4	A.71
2847730000	AL4C 4	A.177
2847740000	AL2C 4 PE	A.99
2847750000	AL3C 4 PE	A.100
2847770000	AL4C 4 PE	A.100
2847780000	AL2T 4	A.85
2847790000	AL2T 4 VL	A.85
2847800000	AL2T 4 FT-PE	A.85
2847810000	AL2T 4 PE	A.103
2848010000	ALEP 2T 2.5	A.83
2848010000	ALEP 2T 2.5	A.84
2848010000	ALEP 2T 2.5	A.103
2848080000	ALEP 2T 4	A.85
2848080000	ALEP 2T 4	A.103
2850000000		
2851080000	WDTR 2.5 BK	A.380
2860000000		
2860570000	AWPD 35 4X10 BL	B.54
2863880000	WTL 6 STB	B.236
2863880000	WTL 6 STB	B.237
2863890000	WTL 6 STB BL	B.236
2863890000	WTL 6 STB BL	B.237
2863900000	WTL 6 STB SW	B.236
2863900000	WTL 6 STB SW	B.237
2863910000	WTL 6 STB GR	B.236
2863910000	WTL 6 STB GR	B.237
2863960000	WAP WTL 6	B.236
2863960000	WAP WTL 6	B.237
2863970000	WAP WTL 6 BL	B.236
2863970000	WAP WTL 6 BL	B.237
2868370000	WDUB 16	A.310
2868500000	WAP WTL 6 GR	B.236

X

Order No.	Type	Page
2868500000	WAP WTL 6 GR	B.237
2868510000	WAP WTL 6 SW	B.236
2868510000	WAP WTL 6 SW	B.237

2870000000

2871750000	ALEP 2C 2.5	A.68
2871750000	ALEP 2C 2.5	A.98
2871750000	ALEP 2C 2.5	B.278
2871760000	ALEP 2C 2.5 BL	A.68
2871760000	ALEP 2C 2.5 BL	B.278
2871770000	ALEP 3C 2.5	A.68
2871770000	ALEP 3C 2.5	A.99
2871770000	ALEP 3C 2.5	B.278
2871780000	ALEP 3C 2.5 BL	A.68
2871780000	ALEP 3C 2.5 BL	B.278
2871790000	ALEP 4C 2.5	A.69
2871790000	ALEP 4C 2.5	A.99
2871790000	ALEP 4C 2.5	B.279
2871800000	ALEP 4C 2.5 BL	A.69
2871800000	ALEP 4C 2.5 BL	B.279
2871810000	ALEP 2C 4	A.70
2871810000	ALEP 2C 4	A.99
2871810000	ALEP 2C 4	B.279
2871820000	ALEP 2C 4 BL	A.70
2871820000	ALEP 2C 4 BL	B.279
2871830000	ALEP 3C 4	A.70
2871830000	ALEP 3C 4	A.100
2871830000	ALEP 3C 4	B.279
2871840000	ALEP 3C 4 BL	A.70
2871840000	ALEP 3C 4 BL	A.100
2871840000	ALEP 3C 4 BL	B.279
2871850000	ALEP 4C 4	A.71
2871850000	ALEP 4C 4	A.100
2871850000	ALEP 4C 4	B.280
2871860000	ALEP 4C 4 BL	A.71
2871860000	ALEP 4C 4 BL	B.280
2871870000	AL2C 4 BL	A.70
2871870000	AL2C 4 BL	A.177
2871880000	AL2C 4 DBL	A.177
2871890000	AL2C 4 RD	A.177
2871900000	AL2C 4 OR	A.177
2871910000	AL2C 4 GN	A.177
2871920000	AL2C 4 VT	A.177
2871930000	AL2C 4 BK	A.177
2871940000	AL2C 4 WT	A.177
2871950000	AL2C 4 YL	A.177
2871960000	AL2C 4 LTGY	A.177
2871970000	AL2C 4 BR	A.177
2871980000	AL2C 4 FE	B.279
2871990000	AL3C 4 BL	A.70
2871990000	AL3C 4 BL	A.177
2872000000	AL3C 4 DBL	A.177
2872010000	AL3C 4 RD	A.177
2872020000	AL3C 4 OR	A.177
2872030000	AL3C 4 GN	A.177
2872040000	AL3C 4 VT	A.177
2872050000	AL3C 4 BK	A.177
2872060000	AL3C 4 WT	A.177
2872070000	AL3C 4 YL	A.177
2872080000	AL3C 4 LTGY	A.177
2872090000	AL3C 4 BR	A.177
2872100000	AL3C 4 FE	B.279
2872110000	AL4C 4 BL	A.71
2872110000	AL4C 4 BL	A.177
2872120000	AL4C 4 DBL	A.177
2872130000	AL4C 4 RD	A.177
2872140000	AL4C 4 OR	A.177
2872150000	AL4C 4 GN	A.177
2872160000	AL4C 4 VT	A.177
2872170000	AL4C 4 BK	A.177
2872180000	AL4C 4 WT	A.177
2872190000	AL4C 4 YL	A.177
2872200000	AL4C 4 LTGY	A.177
2872210000	AL4C 4 BR	A.177
2872220000	AL4C 4 FE	B.280
2874510000	WPD 330CC 3X50/3X50 GY	B.41
2874520000	WPD 330CC 3X50/3X50 BK	B.41
2874530000	WPD 330CC 3X50/3X50 BL	B.41
2874540000	WPD 330CC 3X50/3X50 BN	B.41
2874550000	WPD 330CC 3X50/3X50 GN	B.41
2874560000	WPD 331CC 3X95/3X95 GY	B.45
2874570000	WPD 331CC 3X95/3X95 BK	B.45
2874580000	WPD 331CC 3X95/3X95 BL	B.45
2874590000	WPD 331CC 3X95/3X95 BN	B.45
2874600000	WPD 331CC 3X95/3X95 GN	B.45
2874790000	SEP 2C 4	A.10
2874790000	SEP 2C 4	A.30
2874800000	SEP 3C 4	A.10
2874800000	SEP 3C 4	A.30
2874800000	SEP 3C 4	A.40
2874800000	SEP 3C 4	A.44
2874810000	SEP 4C 4	A.11
2874810000	SEP 4C 4	A.31
2874820000	S2C 4	A.10
2874820000	S2C 4	A.54
2874830000	S2C 4 BL	A.10
2874830000	S2C 4 BL	A.54
2874840000	S3C 4	A.10
2874840000	S3C 4	A.54
2874850000	S3C 4 BL	A.10
2874850000	S3C 4 BL	A.54
2874860000	S4C 4	A.11
2874860000	S4C 4	A.54
2874870000	S4C 4 BL	A.11
2874870000	S4C 4 BL	A.54
2874880000	S2C 4 PE	A.30
2874890000	S3C 4 PE	A.30
2874900000	S4C 4 PE	A.31
2875120000	S2C 2.5 OR	A.8
2875120000	S2C 2.5 OR	A.54
2875130000	S3C 2.5 OR	A.8
2875130000	S3C 2.5 OR	A.54
2875140000	S4C 2.5 OR	A.9
2875140000	S4C 2.5 OR	A.54
2876180000	AEP 4C 6	A.63
2876180000	AEP 4C 6	A.96
2876180000	AEP 4C 6	B.281
2876190000	AEP 4C 6 BL	A.63
2876190000	AEP 4C 6 BL	B.281
2876640000	A2C 2.5 VT	A.176

2880000000

2881450000	A4C 6	A.63
2881460000	A4C 6 BL	A.63
2881480000	A4C 6 FE	B.281
2881490000	A4C 6 PE	A.96
2881640000	APP ITB 2.5 BB BL VI	B.184
2881640000	APP ITB 2.5 BB BL VI	B.185
2881640000	APP ITB 2.5 BB BL VI	B.186
2881640000	APP ITB 2.5 BB BL VI	B.187
2881650000	APP ITB 4 BB BL VI	B.188
2881650000	APP ITB 4 BB BL VI	B.189
2882690000	APG 6/3	A.139
2882690000	APG 6/3	B.221
2882700000	APG 6/5	A.139
2882710000	APG 6/6	A.139
2882720000	APG 6/7	A.139
2882730000	APG 6/8	A.139
2882740000	APG 6/9	A.139
2882750000	APG 6/2	A.139
2882750000	APG 6/2	B.221
2883800000	ZQV 4N/20	A.168
2883800000	ZQV 4N/20	A.412
2883810000	ZQV 4N/41	A.168
2883810000	ZQV 4N/41	A.412
2883820000	ZQV 4N/41 BL	A.168
2883820000	ZQV 4N/41 BL	A.412
2883840000	ZQV 4N/41 RD	A.168
2883840000	ZQV 4N/41 RD	A.412

2890000000

2892650000	W2C 4 FT	B.143
2892660000	W2C 4 FT BL	B.143
2892670000	W2C 4 FT BK	B.143
2892680000	W2C 4 FT STB	B.143
2892690000	W2C 4 FT-PE	B.144
2892700000	W2C 4 FT-PE STB	B.144
2892740000	W2C 4 DT	A.370
2892740000	W2C 4 DT	B.145
2892750000	W2C 4 DT BL	A.370
2892750000	W2C 4 DT BL	B.145
2892760000	W2C 4 DT BK	A.370
2892760000	W2C 4 DT BK	B.145
2892770000	W2C 4 DT STB	A.370
2892770000	W2C 4 DT STB	B.145
2892780000	W2C 4 DT W/O DTLV	A.371
2892780000	W2C 4 DT W/O DTLV	B.146
2892790000	W2C 4 DT W/O DTLV BL	A.371
2892790000	W2C 4 DT W/O DTLV BL	B.146
2892800000	W2C 4 DT W/O DTLV BK	A.371
2892800000	W2C 4 DT W/O DTLV BK	B.146
2892810000	W2C 4 DT-PE	A.372
2892810000	W2C 4 DT-PE	B.147
2892820000	W2C 4 DT-PE STB	A.372
2892820000	W2C 4 DT-PE STB	B.147
2892900000	W2C 4 FS DB	A.342
2892900000	W2C 4 FS DB	B.148
2892910000	W2C 4 FS BL	A.342
2892910000	W2C 4 FS BL	B.148
2892920000	W2C 4 FS BK	A.343
2892920000	W2C 4 FS BK	B.149
2892930000	W2C 4 FS BK STB	A.344
2892930000	W2C 4 FS BK STB	B.150
2892940000	W2C 4 FS 10-36V BK STB	A.344
2892940000	W2C 4 FS 10-36V BK STB	B.150
2892950000	W2C 4 FS 30-70V BK STB	A.344
2892950000	W2C 4 FS 30-70V BK STB	B.150
2892960000	W2C 4 FS 60-150V BK STB	A.344
2892960000	W2C 4 FS 60-150V BK STB	B.150
2892970000	W2C 4 FS 100-250V BK STB	A.344
2892970000	W2C 4 FS 100-250V BK STB	B.150
2892980000	W2C 4 FS 10-36V DB	A.342
2892980000	W2C 4 FS 10-36V DB	B.148
2892990000	W2C 4 FS 10-36V BL	A.342
2892990000	W2C 4 FS 10-36V BL	B.148
2893000000	W2C 4 FS 10-36V BK	A.343
2893000000	W2C 4 FS 10-36V BK	B.149
2893010000	W2C 4 FS 30-70V DB	A.342
2893010000	W2C 4 FS 30-70V DB	B.148
2893020000	W2C 4 FS 30-70V BL	A.342
2893020000	W2C 4 FS 30-70V BL	B.148
2893030000	W2C 4 FS 30-70V BK	A.343
2893030000	W2C 4 FS 30-70V BK	B.149
2893040000	W2C 4 FS 60-150V DB	A.342
2893040000	W2C 4 FS 60-150V DB	B.148
2893050000	W2C 4 FS 60-150V BL	A.342
2893050000	W2C 4 FS 60-150V BL	B.148
2893070000	W2C 4 FS 60-150V BK	A.343
2893070000	W2C 4 FS 60-150V BK	B.149
2893080000	W2C 4 FS 100-250V DB	A.342
2893080000	W2C 4 FS 100-250V DB	B.148
2893090000	W2C 4 FS 100-250V BL	A.342
2893090000	W2C 4 FS 100-250V BL	B.148
2893110000	W2C 4 FS 100-250V BK	A.343
2893110000	W2C 4 FS 100-250V BK	B.149
2893120000	W2C 4 FS-PE BK	A.345
2893120000	W2C 4 FS-PE BK	B.151
2893130000	W2C 4 FS-PE BK STB	A.346
2893130000	W2C 4 FS-PE BK STB	B.152
2893140000	W2C 4 FS-PE 10-36V BK	A.345
2893140000	W2C 4 FS-PE 10-36V BK	B.151
2893150000	W2C 4 FS-PE 30-70V BK	A.345
2893150000	W2C 4 FS-PE 30-70V BK	B.151
2893160000	W2C 4 FS-PE 60-150V BK	A.345
2893160000	W2C 4 FS-PE 60-150V BK	B.151
2893170000	W2C 4 FS-PE 100-250V BK	A.345
2893170000	W2C 4 FS-PE 100-250V BK	B.151
2893180000	W2C 4 FS-PE 10-36V BK STB	A.346
2893180000	W2C 4 FS-PE 10-36V BK STB	B.152
2893190000	W2C 4 FS-PE 30-70V BK STB	A.346
2893190000	W2C 4 FS-PE 30-70V BK STB	B.152
2893200000	W2C 4 FS-PE 60-150V BK STB	A.346
2893200000	W2C 4 FS-PE 60-150V BK STB	B.152
2893210000	W2C 4 FS-PE 100-250V BK STB	A.346
2893210000	W2C 4 FS-PE 100-250V BK STB	B.152
2893690000	W2T 4 DT-FT	A.385
2893690000	W2T 4 DT-FT	B.154
2893700000	W2T 4 DT-FT BL	A.385
2893700000	W2T 4 DT-FT BL	B.154
2893710000	W2T 4 DT-FT BK	A.385
2893710000	W2T 4 DT-FT BK	B.154
2893720000	W2T 4 DT-FT STB	A.385
2893720000	W2T 4 DT-FT STB	B.154
2893730000	W2T 4 DT-FT-PE	A.386
2893730000	W2T 4 DT-FT-PE	B.156
2893740000	W2T 4 DT-FT-PE STB	A.387
2893740000	W2T 4 DT-FT-PE STB	B.156
2893850000	W2T 4 FS-FT DB	A.360
2893850000	W2T 4 FS-FT DB	B.157
2893860000	W2T 4 FS-FT BL	A.360
2893860000	W2T 4 FS-FT BL	B.157
2893870000	W2T 4 FS-FT BK	A.361
2893870000	W2T 4 FS-FT BK	B.158
2893880000	W2T 4 FS-FT 10-36V DB	A.360
2893880000	W2T 4 FS-FT 10-36V DB	B.157
2893890000	W2T 4 FS-FT 10-36V BL	A.360
2893890000	W2T 4 FS-FT 10-36V BL	B.157
2893900000	W2T 4 FS-FT 10-36V BK	A.361
2893900000	W2T 4 FS-FT 10-36V BK	B.158
2893910000	W2T 4 FS-FT 30-70V DB	A.360
2893910000	W2T 4 FS-FT 30-70V DB	B.157
2893920000	W2T 4 FS-FT 30-70V BL	A.360
2893920000	W2T 4 FS-FT 30-70V BL	B.157
2893930000	W2T 4 FS-FT 30-70V BK	A.361
2893930000	W2T 4 FS-FT 30-70V BK	B.158
2893940000	W2T 4 FS-FT 60-150V DB	A.360
2893940000	W2T 4 FS-FT 60-150V DB	B.157
2893950000	W2T 4 FS-FT 60-150V BL	A.360
2893950000	W2T 4 FS-FT 60-150V BL	B.157
2893960000	W2T 4 FS-FT 60-150V BK	A.361
2893960000	W2T 4 FS-FT 60-150V BK	B.158
2893970000	W2T 4 FS-FT 100-250V DB	A.360
2893970000	W2T 4 FS-FT 100-250V DB	B.157
2893980000	W2T 4 FS-FT 100-250V BL	A.360
2893980000	W2T 4 FS-FT 100-250V BL	B.157
2893990000	W2T 4 FS-FT 100-250V BK	A.361
2893990000	W2T 4 FS-FT 100-250V BK	B.158
2894000000	W2T 4 FS-FT BK STB	A.361
2894000000	W2T 4 FS-FT BK STB	B.158
2894010000	W2T 4 FS-FT 10-36V BK STB	A.361
2894010000	W2T 4 FS-FT 10-36V BK STB	B.158
2894020000	W2T 4 FS-FT 30-70V BK STB	A.361
2894020000	W2T 4 FS-FT 30-70V BK STB	B.158
2894030000	W2T 4 FS-FT 60-150V BK STB	A.361
2894030000	W2T 4 FS-FT 60-150V BK STB	B.158
2894040000	W2T 4 FS-FT 100-250V BK STB	A.361
2894040000	W2T 4 FS-FT 100-250V BK STB	B.158
2894050000	W2T 4 FS-FT-PE BK	A.362
2894050000	W2T 4 FS-FT-PE BK	B.159
2894060000	W2T 4 FS-FT-PE 10-36V BK	A.362
2894060000	W2T 4 FS-FT-PE 10-36V BK	B.159
2894070000	W2T 4 FS-FT-PE 30-70V BK	A.362
2894070000	W2T 4 FS-FT-PE 30-70V BK	B.159
2894080000	W2T 4 FS-FT-PE 60-150V BK	A.362
2894080000	W2T 4 FS-FT-PE 60-150V BK	B.159
2894090000	W2T 4 FS-FT-PE 100-250V BK	A.362
2894090000	W2T 4 FS-FT-PE 100-250V BK	B.159
2894100000	W2T 4 FS-FT-PE BK STB	A.362
2894100000	W2T 4 FS-FT-PE BK STB	B.159
2894110000	W2T 4 FS-FT-PE 10-36V BK STB	A.362
2894110000	W2T 4 FS-FT-PE 10-36V BK STB	B.159
2894120000	W2T 4 FS-FT-PE 30-70V BK STB	A.362
2894120000	W2T 4 FS-FT-PE 30-70V BK STB	B.159
2894130000	W2T 4 FS-FT-PE 60-150V BK STB	A.362
2894130000	W2T 4 FS-FT-PE 60-150V BK STB	B.159
2894140000	W2T 4 FS-FT-PE 100-250V BK STB	A.362
2894140000	W2T 4 FS-FT-PE 100-250V BK STB	B.159
2894210000	WEP 2C 4	A.342
2894210000	WEP 2C 4	A.343
2894210000	WEP 2C 4	A.344
2894210000	WEP 2C 4	A.345
2894210000	WEP 2C 4	A.346
2894210000	WEP 2C 4	A.370
2894210000	WEP 2C 4	A.371
2894210000	WEP 2C 4	A.372
2894210000	WEP 2C 4	B.143
2894210000	WEP 2C 4	B.144
2894210000	WEP 2C 4	B.145
2894210000	WEP 2C 4	B.146
2894210000	WEP 2C 4	B.147
2894210000	WEP 2C 4	B.148
2894210000	WEP 2C 4	B.149
2894210000	WEP 2C 4	B.150
2894210000	WEP 2C 4	B.151
2894210000	WEP 2C 4	B.152
2894220000	WEP 2C 4 BL	A.342
2894220000	WEP 2C 4 BL	A.343
2894220000	WEP 2C 4 BL	A.344
2894220000	WEP 2C 4 BL	A.345
2894220000	WEP 2C 4 BL	A.346
2894220000	WEP 2C 4 BL	A.370
2894220000	WEP 2C 4 BL	A.371
2894220000	WEP 2C 4 BL	A.372
2894220000	WEP 2C 4 BL	B.143
2894220000	WEP 2C 4 BL	B.144
2894220000	WEP 2C 4 BL	B.145
2894220000	WEP 2C 4 BL	B.146
2894220000	WEP 2C 4 BL	B.147
2894220000	WEP 2C 4 BL	B.148
2894220000	WEP 2C 4 BL	B.149
2894220000	WEP 2C 4 BL	B.150
2894220000	WEP 2C 4 BL	B.151
2894220000	WEP 2C 4 BL	B.152
2894230000	WEP 2C 4 BK	A.342
2894230000	WEP 2C 4 BK	A.343
2894230000	WEP 2C 4 BK	A.344
2894230000	WEP 2C 4 BK	A.345
2894230000	WEP 2C 4 BK	A.346
2894230000	WEP 2C 4 BK	A.370
2894230000	WEP 2C 4 BK	A.371
2894230000	WEP 2C 4 BK	A.372
2894230000	WEP 2C 4 BK	B.143
2894230000	WEP 2C 4 BK	B.144
2894230000	WEP 2C 4 BK	B.145
2894230000	WEP 2C 4 BK	B.146
2894230000	WEP 2C 4 BK	B.147
2894230000	WEP 2C 4 BK	B.148
2894230000	WEP 2C 4 BK	B.149
2894230000	WEP 2C 4 BK	B.150
2894230000	WEP 2C 4 BK	B.151
2894230000	WEP 2C 4 BK	B.152
2894240000	WEP 2T 4	A.360
2894240000	WEP 2T 4	A.361
2894240000	WEP 2T 4	A.362
2894240000	WEP 2T 4	A.384
2894240000	WEP 2T 4	A.385
2894240000	WEP 2T 4	A.386
2894240000	WEP 2T 4	A.387
2894240000	WEP 2T 4	B.153
2894240000	WEP 2T 4	B.154
2894240000	WEP 2T 4	B.155
2894240000	WEP 2T 4	B.156
2894240000	WEP 2T 4	B.157
2894240000	WEP 2T 4	B.158
2894240000	WEP 2T 4	B.159
2894250000	WEP 2T 4 BL	A.360
2894250000	WEP 2T 4 BL	A.361
2894250000	WEP 2T 4 BL	A.362
2894250000	WEP 2T 4 BL	A.384
2894250000	WEP 2T 4 BL	A.385
2894250000	WEP 2T 4 BL	A.386
2894250000	WEP 2T 4 BL	A.387
2894250000	WEP 2T 4 BL	B.153
2894250000	WEP 2T 4 BL	B.154
2894250000	WEP 2T 4 BL	B.155
2894250000	WEP 2T 4 BL	B.156
2894250000	WEP 2T 4 BL	B.157
2894250000	WEP 2T 4 BL	B.158
2894250000	WEP 2T 4 BL	B.159
2894260000	WEP 2T 4 BK	A.360
2894260000	WEP 2T 4 BK	A.361
2894260000	WEP 2T 4 BK	A.362
2894260000	WEP 2T 4 BK	A.384

Order No.	Type	Page
2894260000	WEP 2T 4 BK	A.385
2894260000	WEP 2T 4 BK	A.386
2894260000	WEP 2T 4 BK	A.387
2894260000	WEP 2T 4 BK	B.153
2894260000	WEP 2T 4 BK	B.154
2894260000	WEP 2T 4 BK	B.155
2894260000	WEP 2T 4 BK	B.156
2894260000	WEP 2T 4 BK	B.157
2894260000	WEP 2T 4 BK	B.158
2894260000	WEP 2T 4 BK	B.159
2894270000	BZT W2C 4	A.370
2894270000	BZT W2C 4	A.371
2894270000	BZT W2C 4	A.372
2894270000	BZT W2C 4	B.143
2894270000	BZT W2C 4	B.144
2894270000	BZT W2C 4	B.145
2894270000	BZT W2C 4	B.146
2894270000	BZT W2C 4	B.147
2898120000	APGTB 1.5 FT 4C/4	A.124
2898130000	APGTB 1.5 FT 4C/4 BL	A.124
2898140000	APGTB 1.5 PE 4C/4	A.125
2898150000	APGTB 2.5 FT 4C/4	A.129
2898160000	APGTB 2.5 FT 4C/4 BL	A.129
2898170000	APGTB 2.5 PE 4C/4	A.130
2898180000	AEP PGTB 1.5 4C/4	A.124
2898180000	AEP PGTB 1.5 4C/4	A.125
2898190000	AEP PGTB 2.5 4C/4	A.129
2898190000	AEP PGTB 2.5 4C/4	A.130
2898660000	ALDT 2.5 2C	A.117
2898670000	ALDT 2.5 2C BL	A.117
2898680000	ALDT 2.5 2C W/O DTLV	A.117
2898690000	ALDT 2.5 2C W/O DTLV BL	A.117
2898700000	ALDT 2.5 3C	A.117
2898710000	ALDT 2.5 3C BL	A.117
2898720000	ALDT 2.5 4C	A.118
2898730000	ALDT 2.5 4C BL	A.118
2898740000	ALDT 4 2C	A.118
2898750000	ALDT 4 2C BL	A.118
2898760000	ALDT 4 2C W/O DTLV	A.119
2898770000	ALDT 4 2C W/O DTLV BL	A.119
2898780000	ALFS 4 2C BK	A.109
2898790000	ALFS 4 2C 10-36V BK	A.109
2898800000	ALFS 4 2C 30-70V BK	A.109
2898810000	ALFS 4 2C 60-150V BK	A.109
2898820000	ALFS 4 2C 100-250V BK	A.109
2898830000	ALEP DT 2.5 2C	A.117
2898840000	ALEP DT 2.5 2C BL	A.117
2898850000	ALEP DT 2.5 3C	A.117
2898860000	ALEP DT 2.5 3C BL	A.117
2898870000	ALEP DT 2.5 4C	A.118
2898880000	ALEP DT 2.5 4C BL	A.118
2898890000	ALEP DT 4 2C	A.109
2898890000	ALEP DT 4 2C	A.118
2898890000	ALEP DT 4 2C	A.119
2898900000	ALEP DT 4 2C BL	A.109
2898900000	ALEP DT 4 2C BL	A.118
2898900000	ALEP DT 4 2C BL	A.119

2900000000

2902380000	S2T 2.5	A.18
2902390000	S2T 2.5 BL	A.18
2902400000	S2T 2.5 OR	A.18
2902410000	S2T 2.5 FT-PE	A.19
2902430000	S2T 2.5 VL	A.18
2902440000	S2T 2.5 VL BL	A.18
2902450000	S2T 2.5 VL OR	A.18
2902460000	S2T 2.5 PE	A.38
2902530000	S3T 2.5	A.24
2902540000	S3T 2.5 BL	A.24
2902550000	S3T 2.5 FT-FT-PE	A.25
2902560000	S3T 2.5 N-FT-PE	A.25
2902570000	S3T 2.5 VL	A.24
2902580000	S3T 2.5 VL BL	A.24
2902590000	S3T 2.5 PE	A.39
2902630000	SEP 3T 2.5	A.24
2902630000	SEP 3T 2.5	A.25
2902630000	SEP 3T 2.5	A.39
2902640000	SEP 3T 2.5 BL	A.24
2902640000	SEP 3T 2.5 BL	A.25
2902640000	SEP 3T 2.5 BL	A.39
2904720000	A4C 2.5 FE	B.280

2910000000

2910530000	DTLE 2.5/4	A.41
2910530000	DTLE 2.5/4	A.42
2910530000	DTLE 2.5/4	A.43
2910530000	DTLE 2.5/4	A.44
2910530000	DTLE 2.5/4	A.113
2910530000	DTLE 2.5/4	A.115
2910530000	DTLE 2.5/4	A.116
2910530000	DTLE 2.5/4	A.117
2910530000	DTLE 2.5/4	A.118
2910530000	DTLE 2.5/4	A.119
2910530000	DTLE 2.5/4	A.120
2910530000	DTLE 2.5/4	A.370
2910530000	DTLE 2.5/4	A.372
2910530000	DTLE 2.5/4	A.384
2910530000	DTLE 2.5/4	A.385
2910530000	DTLE 2.5/4	A.386
2910530000	DTLE 2.5/4	A.387
2910530000	DTLE 2.5/4	B.145
2910530000	DTLE 2.5/4	B.147
2910530000	DTLE 2.5/4	B.153
2910530000	DTLE 2.5/4	B.154
2910530000	DTLE 2.5/4	B.155
2910530000	DTLE 2.5/4	B.156
2910900000	WDTR 2.5 O.STB BL	A.380
2911380000	BB-CV AITB 3X10 OR	B.194
2913480000	SEP 2T 2.5	A.18
2913480000	SEP 2T 2.5	A.19
2913480000	SEP 2T 2.5	A.38
2913480000	SEP 2T 2.5	A.47
2913480000	SEP 2T 2.5	A.48
2913480000	SEP 2T 2.5	A.49
2913490000	SEP 2T 2.5 BL	A.18
2913490000	SEP 2T 2.5 BL	A.19
2913490000	SEP 2T 2.5 BL	A.47
2913490000	SEP 2T 2.5 BL	A.48
2918260000	ADT 1.5 2C	A.112
2918270000	ADT 1.5 3C	A.112
2918280000	ADT 1.5 4C	A.113
2918300000	AEP DT 1.5 4C	A.113
2918930000	BB-CV AITB 3X10 BL	B.194

2920000000

2920530000	FMC 5.2/1.0 SC	A.161
2920530000	FMC 5.2/1.0 SC	C.14
2924980000	AWPD 35 4X6/6X2.5 FE	B.285
2924990000	AWPD 35 4X10 FE	B.285
2929670000	SEP DT 2.5 4C	A.43

2930000000

2935040000	WPD 530 5X50/5X50 3XGY/1XBL/1XGN	B.41
2935540000	S2C 6	A.12
2935550000	S2C 6 BL	A.12
2935560000	S2C 6 OR	A.12
2935570000	S3C 6	A.12
2935580000	S3C 6 BL	A.12
2935590000	S3C 6 OR	A.12
2935600000	S4C 6	A.13
2935610000	S4C 6 BL	A.13
2935620000	S4C 6 OR	A.13
2935630000	S2C 6 PE	A.32
2935640000	S3C 6 PE	A.32
2935650000	S4C 6 PE	A.33
2935660000	SEP 2C 6	A.12
2935660000	SEP 2C 6	A.32
2935670000	SEP 3C 6	A.12
2935670000	SEP 3C 6	A.32
2935680000	SEP 4C 6	A.13
2935680000	SEP 4C 6	A.33
2935680000	SEP 4C 6	A.34
2935680000	SEP 4C 6	A.35
2938210000	AL2T 2.5 BL	A.83
2938390000	L-BOXX 102 KC AITB INSTA 1	B.197

2940000000

2941210000	ADT 1.5 2C BL	A.112
2941220000	ADT 1.5 3C BL	A.112
2941230000	ADT 1.5 4C BL	A.113
2941370000	L-BOXX 102 CASE EMPTY WITH 5 TRAYS	B.197
2941420000	SDT 4 2C	A.44
2941430000	SDT 4 2C BL	A.44
2941440000	SDT 4 2C OR	A.44
2941450000	SDT 4 2C W/O DTLV	A.44
2941460000	SDT 4 2C W/O DTLV BL	A.44
2941470000	SDT 4 2C W/O DTLV OR	A.44
2941480000	SFS 4 2C BK	A.40
2941490000	SFS 4 2C 10-36V BK	A.40
2941500000	SFS 4 2C 30-70V BK	A.40
2941510000	SFS 4 2C 60-150V BK	A.40
2941520000	SFS 4 2C 100-250V BK	A.40

2960000000

2968380000	FMC 5.2/1.0 BR	A.161
2968380000	FMC 5.2/1.0 BR	C.14
2968890000	TS 20/CX10 2M/ST/ZN	C.9

2970000000

2974120000	SDT 2.5 2C OR	A.41
2974130000	SDT 2.5 2C BL	A.41
2974140000	SDT 2.5 3C OR	A.42
2974150000	SDT 2.5 3C BL	A.42
2974160000	SDT 2.5 4C OR	A.43
2974170000	SDT 2.5 4C BL	A.43
2976160000	APG 2.5 L RD	A.142
2976170000	APG 2.5 MI RD	A.142
2976180000	APG 2.5 R RD	A.142
2976330000	WPD 501 2X25/2X16 1XBN/BK/GY/BL/GN	B.61

2980000000

2983260000	SDT 2.5 2C W/O DTLV OR	A.41
2983270000	SDT 2.5 2C W/O DTLV BL	A.41
2983280000	SDT 2.5 3C W/O DTLV OR	A.42
2983290000	SDT 2.5 3C W/O DTLV BL	A.42
2983730000	SDT 2.5 4C W/O DTLV OR	A.43
2983740000	SDT 2.5 4C W/O DTLV BL	A.43
2986540000	S2C 1.5	A.6
2986550000	S2C 1.5 BL	A.6
2986560000	S2C 1.5 OR	A.6
2986570000	S2C 1.5 PE	A.26
2986580000	S3C 1.5	A.6
2986590000	S3C 1.5 BL	A.6
2986600000	S3C 1.5 OR	A.6
2986610000	S3C 1.5 PE	A.26
2986620000	S4C 1.5	A.7
2986630000	S4C 1.5 BL	A.7
2986640000	S4C 1.5 OR	A.7
2986650000	S4C 1.5 PE	A.27

2990000000

2994740000	RAILASSEMBLER + RAILCUTTER	A.157
2994750000	RAILASSEMBLER + RAILCUTTER US VERSION	A.157
2994760000	RAILCUTTER RETROFIT	A.157
2994780000	RAILCUTTER STANDALONE US VERSION	A.157
2996020000	AFS 6 2C 6.3X32	A.109
2999800000	FMC 5.2/1.5 SC	A.161
2999800000	FMC 5.2/1.5 SC	C.14
2999810000	FMC 5.2/1.5 BR	A.161
2999810000	FMC 5.2/1.5 BR	C.14

3000000000

3002280000	APGTB 6 FT 2C/1	A.136
3002340000	APGTB 6 PE 2C/1	A.136

3010000000

3016670000	SDT 2.5 2C	A.41
3016680000	SDT 2.5 3C	A.42
3016700000	SDT 2.5 4C	A.43
3016710000	SDT 2.5 2C W/O DTLV	A.41
3016730000	SDT 2.5 3C W/O DTLV	A.42
3016740000	SDT 2.5 4C W/O DTLV	A.43
3018840000	W2C 4 DTCA DB	A.343
3018840000	W2C 4 DTCA DB	B.149
3018940000	W2C 4 DTCA BL	A.343
3018940000	W2C 4 DTCA BL	B.149
3019240000	W2C 4 DTCA BK	A.344
3019240000	W2C 4 DTCA BK	B.150
3019260000	W2C 4 DTCA BK STB	A.345
3019260000	W2C 4 DTCA BK STB	B.151
3019280000	W2C 4 DTCA-PE BK	A.345
3019280000	W2C 4 DTCA-PE BK	B.151
3019300000	W2T 4 DTCA-FT DB	A.385
3019300000	W2T 4 DTCA-FT DB	B.155
3019320000	W2T 4 DTCA-FT BL	A.385
3019320000	W2T 4 DTCA-FT BL	B.155
3019340000	W2T 4 DTCA-FT BK	A.385
3019340000	W2T 4 DTCA-FT BK	B.155
3019360000	W2T 4 DTCA-FT-PE BK	A.386
3019360000	W2T 4 DTCA-FT-PE BK	B.155
3019380000	W2T 4 FT-FT	A.384
3019380000	W2T 4 FT-FT	B.153
3019400000	W2T 4 FT-FT-PE	A.384
3019400000	W2T 4 FT-FT-PE	B.153

3020000000

3023540000	S2C 4 OR	A.10
3023540000	S2C 4 OR	A.54
3023550000	S3C 4 OR	A.10
3023550000	S3C 4 OR	A.54
3023560000	S4C 4 OR	A.11
3023560000	S4C 4 OR	A.54

3030000000

3030090000	SPG 2.5 MI	A.45
3030090000	SPG 2.5 MI	A.46
3030090000	SPG 2.5 MI	A.47
3030090000	SPG 2.5 MI	A.48
3030090000	SPG 2.5 MI	A.49
3030090000	SPG 2.5 MI	A.50
3030090000	SPG 2.5 MI	A.52
3030100000	SPG 2.5/10	A.45
3030100000	SPG 2.5/10	A.46
3030100000	SPG 2.5/10	A.47
3030100000	SPG 2.5/10	A.48
3030100000	SPG 2.5/10	A.49
3030100000	SPG 2.5/10	A.50
3030100000	SPG 2.5/10	A.51
3030110000	SPG 2.5/7	A.51
3030120000	SPG 2.5/8	A.51
3030130000	SPG 2.5/5	A.51
3030140000	SPG 2.5/6	A.51
3030150000	SPG 2.5/4	A.51
3030160000	SPG 2.5 L	A.45
3030160000	SPG 2.5 L	A.46
3030160000	SPG 2.5 L	A.47
3030160000	SPG 2.5 L	A.48
3030160000	SPG 2.5 L	A.49
3030160000	SPG 2.5 L	A.50
3030160000	SPG 2.5 L	A.52
3030170000	SPG 2.5/2	A.51
3030180000	SPG 2.5/9	A.51
3030190000	SPG 2.5 R	A.45
3030190000	SPG 2.5 R	A.46
3030190000	SPG 2.5 R	A.47
3030190000	SPG 2.5 R	A.48
3030190000	SPG 2.5 R	A.49
3030190000	SPG 2.5 R	A.50
3030190000	SPG 2.5 R	A.52
3030200000	SPG 2.5/3	A.51
3030210000	SPG 2.5 R GN	A.52
3030220000	SPG 2.5 MI GN	A.52
3030230000	SPG 2.5/4-3BG-GN	A.51
3030240000	SPG 2.5 L GN	A.52
3030250000	SPG 2.5/1	A.45
3030250000	SPG 2.5/1	A.46
3030250000	SPG 2.5/1	A.47
3030250000	SPG 2.5/1	A.48
3030250000	SPG 2.5/1	A.49
3030250000	SPG 2.5/1	A.50
3030250000	SPG 2.5/1	A.51
3030260000	SPG 2.5 MI BL	A.52
3030270000	SPG 2.5/3-BG-BL-GN	A.51
3030280000	SPG 2.5/5-3BG-BL-GN	A.51
3030290000	SPG 2.5 L BL	A.52
3030300000	SPG 2.5 R BL	A.52
3030590000	A2T 2.5 EM1 R 1K8	A.150
3030600000	A2T 2.5 EM1 R 2K7	A.150
3030610000	A2T 2.5 EM1 R 22K	A.150
3032900000	MCV SPG 2.5	A.52
3037380000	SL2C 6	A.14
3037390000	SL2C 6 BL	A.14
3037400000	SL2C 6 PE	A.34
3037410000	SL3C 6	A.14
3037420000	SL3C 6 BL	A.14
3037430000	SL3C 6 PE	A.34
3037440000	SL4C 6	A.15
3037450000	SL4C 6 BL	A.15
3037460000	SL4C 6 PE	A.35
3037500000	SL2C 10	A.16
3037510000	SL2C 10 BL	A.16
3037520000	SL2C 10 PE	A.36
3037530000	SL3C 10	A.16
3037540000	SL3C 10 BL	A.16
3037550000	SL3C 10 PE	A.36
3037560000	SL2C 16	A.17
3037570000	SL2C 16 BL	A.17
3037580000	SL2C 16 PE	A.37
3037590000	SLEP 2C 6	A.14
3037590000	SLEP 2C 6	A.15
3037590000	SLEP 2C 6	A.36
3037590000	SLEP 2C 6	A.37
3037650000	SLEP 2C 10	A.16
3037650000	SLEP 2C 10	A.17

3050000000

3051460000	SPGTB 2.5 FT 2C/1	A.45
3051470000	SPGTB 2.5 FT 2C/1 BL	A.45
3051480000	SPGTB 2.5 FT 2C/1 OR	A.45
3051490000	SPGTB 2.5 FT 3C/1	A.46
3051500000	SPGTB 2.5 FT 3C/1 BL	A.46
3051510000	SPGTB 2.5 FT 3C/1 OR	A.46
3051520000	SPGTB 2.5 FT 4C/2	A.47
3051530000	SPGTB 2.5 FT 4C/2 BL	A.47
3051540000	SPGTB 2.5 FT 4C/2 OR	A.47
3051550000	SPGTB 2.5 PE 2C/1	A.45
3051560000	SPGTB 2.5 PE 3C/1	A.46
3051570000	SPGTB 2.5 PE 4C/2	A.47
3051580000	SEP PGTB 2.5 4C	A.47
3051590000	SEP PGTB 2.5 4C BL	A.47
3051860000	SPGTB 2.5 2T 4C/2	A.47
3051870000	SPGTB 2.5 2T 4C/2 BL	A.47
3051880000	SPGTB 2.5 2T 4C/2 OR	A.47
3051890000	SPGTB 2.5 2T VL 4C/2	A.48
3051900000	SPGTB 2.5 2T VL 4C/2 BL	A.48
3051910000	SPGTB 2.5 2T FT-PE 4C/2	A.48
3051920000	SPGTB 2.5 2T PE 4C/2	A.49
3053740000	WPD 501 2X25/2X16 3XGY/1XBL/1XGN	B.61

3070000000

3077580000	ZQV 6SL/2	A.14
3077580000	ZQV 6SL/2	A.15
3077590000	ZQV 6SL/3	A.14
3077590000	ZQV 6SL/3	A.15
3077600000	ZQV 6SL/4	A.14
3077600000	ZQV 6SL/4	A.15

3090000000

3093100000	S2T 2.5 8C	A.22

X

Order No.	Type	Page
3093110000	S2T 2.5 8C BL	A.22
3093120000	S2T 2.5 8C VL	A.22
3093130000	S2T 2.5 8C VL BL	A.22
3093150000	S2T 2.5 8C FT-PE	A.23
3093160000	S2T 2.5 8C PE	A.39
3093170000	S2T 2.5 6C	A.20
3093200000	S2T 2.5 6C BL	A.20
3093210000	S2T 2.5 6C VL	A.20
3093230000	S2T 2.5 6C VL BL	A.20
3093240000	S2T 2.5 6C FT-PE	A.21
3093250000	S2T 2.5 6C PE	A.38
3093260000	SEP 2T 2.5 8C	A.22
3093260000	SEP 2T 2.5 8C	A.23
3093260000	SEP 2T 2.5 8C	A.39
3093280000	SEP 2T 2.5 6C	A.20
3093280000	SEP 2T 2.5 6C	A.21
3093280000	SEP 2T 2.5 6C	A.38
3096130000	SPGTB 2.5 2T 6C/2	A.49
3096150000	SPGTB 2.5 2T 6C/2 BL	A.49
3096160000	SPGTB 2.5 2T VL 6C/2	A.49
3096170000	SPGTB 2.5 2T VL 6C/2 BL	A.49
3096180000	SPGTB 2.5 2T FT-PE 6C/2	A.50
3096190000	SPGTB 2.5 2T PE 6C/2	A.50
3096200000	SEP PGTB 2T 2.5 6C	A.49
3096200000	SEP PGTB 2T 2.5 6C	A.50

3100000000

3103560000	A4C 2.5 VT	A.176
3109160000	S2C 2.5 BK	A.54
3109170000	S2C 2.5 BR	A.54
3109180000	S2C 2.5 GN	A.54
3109200000	S2C 2.5 RD	A.54
3109210000	S2C 2.5 VT	A.54
3109220000	S2C 2.5 WT	A.54
3109230000	S2C 2.5 YL	A.54
3109240000	S3C 2.5 BK	A.54
3109250000	S3C 2.5 BR	A.54
3109260000	S3C 2.5 GN	A.54
3109280000	S3C 2.5 RD	A.54
3109290000	S3C 2.5 VT	A.54
3109300000	S3C 2.5 WT	A.54
3109310000	S3C 2.5 YL	A.54
3109320000	S4C 2.5 BK	A.54
3109330000	S4C 2.5 BR	A.54
3109340000	S4C 2.5 GN	A.54
3109360000	S4C 2.5 RD	A.54
3109370000	S4C 2.5 VT	A.54
3109380000	S4C 2.5 WT	A.54
3109390000	S4C 2.5 YL	A.54
3109400000	S2C 4 BK	A.54
3109410000	S2C 4 BR	A.54
3109420000	S2C 4 GN	A.54
3109440000	S2C 4 RD	A.54
3109450000	S2C 4 VT	A.54
3109460000	S2C 4 WT	A.54
3109470000	S2C 4 YL	A.54
3109480000	S3C 4 BK	A.54
3109490000	S3C 4 BR	A.54
3109500000	S3C 4 GN	A.54
3109520000	S3C 4 RD	A.54
3109530000	S3C 4 VT	A.54
3109540000	S3C 4 WT	A.54
3109550000	S3C 4 YL	A.54
3109560000	S4C 4 BK	A.54
3109570000	S4C 4 BR	A.54
3109580000	S4C 4 GN	A.54
3109600000	S4C 4 RD	A.54
3109610000	S4C 4 VT	A.54
3109620000	S4C 4 WT	A.54
3109630000	S4C 4 YL	A.54

3110000000

3112230000	S2C 2.5 GY	A.54
3112240000	S3C 2.5 GY	A.54
3112250000	S4C 2.5 GY	A.54
3112260000	S2C 4 GY	A.54
3112270000	S3C 4 GY	A.54
3112280000	S4C 4 GY	A.54
3112290000	WEW 35/2 RM	C.17
3112300000	AEB 35 SC/1 RM	C.17
3112310000	AEB 35 SCL/1 RM	C.17

3890000000

3896100000	SP M6 15 MSZN	B.263
3896200000	SP M6 20 MSZN	B.263
3896300000	SP M6 30 MSZN	B.263

7900000000

7904100000	ZAP/TW 4/3AN	A.190
7904100000	ZAP/TW 4/3AN	A.222
7904110000	ZAP/TW 4/3AN BL	A.190
7904170000	ZPE 4/3AN	A.222
7904180000	ZDU 4/3AN	A.190
7904190000	ZDU 4/3AN BL	A.190
7904210000	ZAP/TW4/4AN	A.191
7904210000	ZAP/TW4/4AN	A.222
7904220000	ZAP/TW4/4AN BL	A.191
7904280000	ZPE 4/4AN	A.222
7904290000	ZDU 4/4AN	A.191
7904300000	ZDU 4/4AN BL	A.191
7906040000	BK 2/E	A.408
7906060000	BK 3/E	A.408
7906080000	BK 4/E	A.408
7906090000	BK 6/E	A.408
7906100000	BK 12/E	A.408
7906110000	MK 3/2/E	A.408
7906120000	MK 3/3/E	A.408
7906130000	MK 3/4/E	A.408
7906150000	MK 3/6/E	A.408
7906170000	MK 3/8/E	A.408
7906210000	MK 3/12/E	A.408
7906220000	MK 6/2/E	A.409
7906230000	MK 6/3/E	A.409
7906240000	MK 6/4/E	A.409
7906250000	MK 6/5/E	A.409
7906260000	MK 6/6/E	A.409
7907370000	ZAP/TW6/3AN	A.191
7907370000	ZAP/TW6/3AN	A.223
7907380000	ZAP/TW6/3AN BL	A.191
7907400000	ZPE 6/3AN	A.223
7907410000	ZDU 6/3AN	A.191
7907420000	ZDU 6/3AN BL	A.191
7907490000	TS 35X15/LL 2M/ST/SZ	C.11

7910000000

7910180000	WTR 4	A.373
7910190000	WTR 4 BL	A.373
7910210000	WTR 4 STB	A.373
7910220000	WTR 4 STB BL	A.373
7910270000	WTR 4 SL	A.375
7910300000	WTR 4 STB SL	A.376
7910310000	WTR 4 STB SL BL	A.376
7910330000	WTR 4 SI SL	A.359
7910360000	WTR4 SL/EN	A.376
7910390000	WTR4 SL/EN STB	A.377
7915060000	TS 35X7.5/LL 2M/ST/SZ	C.10
7917000000	AP MAK2.5 DB	A.329
7917000000	AP MAK2.5 DB	B.99
7917030000	MAK 2.5 DB	A.329
7917030000	MAK 2.5 DB	B.99

7920000000

7920100000	ZQV 35-10	A.288
7920340000	ZEW 15	A.182
7920340000	ZEW 15	A.183
7920340000	ZEW 15	A.218
7920340000	ZEW 15	A.219
7920340000	ZEW 15	C.15
7920900000	ZTR 2.5/4AN	A.251
7920930000	ZTR 2.5/4AN BL	A.251
7921560000	SIHA 3/G20	A.120
7921560000	SIHA 3/G20	A.121
7921560000	SIHA 3/G20	A.250
7921560000	SIHA 3/G20	A.251
7921560000	SIHA 3/G20	A.263
7921560000	SIHA 3/G20	A.294
7921560000	SIHA 3/G20	A.368
7921560000	SIHA 3/G20	A.370
7921560000	SIHA 3/G20	A.371
7921560000	SIHA 3/G20	A.372
7921560000	SIHA 3/G20	A.373
7921560000	SIHA 3/G20	A.374
7921560000	SIHA 3/G20	A.375
7921560000	SIHA 3/G20	A.380
7921560000	SIHA 3/G20	A.382
7921560000	SIHA 3/G20	A.383
7921560000	SIHA 3/G20	A.385
7921560000	SIHA 3/G20	A.386
7921560000	SIHA 3/G20	A.387
7921560000	SIHA 3/G20	A.424
7921560000	SIHA 3/G20	B.145
7921560000	SIHA 3/G20	B.146
7921560000	SIHA 3/G20	B.147
7921560000	SIHA 3/G20	B.154
7921560000	SIHA 3/G20	B.156
7921560000	SIHA 3/G20	B.164
7921560000	SIHA 3/G20	B.165
7921560000	SIHA 3/G20	B.166
7921560000	SIHA 3/G20	B.167
7921560000	SIHA 3/G20	B.168
7921560000	SIHA 3/G20	B.169
7921560000	SIHA 3/G20	B.190
7921560000	SIHA 3/G20	B.191
7921560000	SIHA 3/G20	B.192
7921560000	SIHA 3/G20	B.193
7921570000	SIHA 3/G20/LD 10-36V	A.120
7921570000	SIHA 3/G20/LD 10-36V	A.121
7921570000	SIHA 3/G20/LD 10-36V	A.250
7921570000	SIHA 3/G20/LD 10-36V	A.251
7921570000	SIHA 3/G20/LD 10-36V	A.263
7921570000	SIHA 3/G20/LD 10-36V	A.294
7921570000	SIHA 3/G20/LD 10-36V	A.368
7921570000	SIHA 3/G20/LD 10-36V	A.370
7921570000	SIHA 3/G20/LD 10-36V	A.371
7921570000	SIHA 3/G20/LD 10-36V	A.372
7921570000	SIHA 3/G20/LD 10-36V	A.373
7921570000	SIHA 3/G20/LD 10-36V	A.374
7921570000	SIHA 3/G20/LD 10-36V	A.375
7921570000	SIHA 3/G20/LD 10-36V	A.380
7921570000	SIHA 3/G20/LD 10-36V	A.382
7921570000	SIHA 3/G20/LD 10-36V	A.383
7921570000	SIHA 3/G20/LD 10-36V	A.385
7921570000	SIHA 3/G20/LD 10-36V	A.386
7921570000	SIHA 3/G20/LD 10-36V	A.387
7921570000	SIHA 3/G20/LD 10-36V	A.424
7921570000	SIHA 3/G20/LD 10-36V	B.145
7921570000	SIHA 3/G20/LD 10-36V	B.146
7921570000	SIHA 3/G20/LD 10-36V	B.147
7921570000	SIHA 3/G20/LD 10-36V	B.154
7921570000	SIHA 3/G20/LD 10-36V	B.156
7921570000	SIHA 3/G20/LD 10-36V	B.164
7921570000	SIHA 3/G20/LD 10-36V	B.165
7921570000	SIHA 3/G20/LD 10-36V	B.166
7921570000	SIHA 3/G20/LD 10-36V	B.167
7921570000	SIHA 3/G20/LD 10-36V	B.168
7921570000	SIHA 3/G20/LD 10-36V	B.169
7921570000	SIHA 3/G20/LD 10-36V	B.190
7921570000	SIHA 3/G20/LD 10-36V	B.191
7921570000	SIHA 3/G20/LD 10-36V	B.192
7921570000	SIHA 3/G20/LD 10-36V	B.193
7921580000	SIHA 3/G20/LD 35-70V	A.120
7921580000	SIHA 3/G20/LD 35-70V	A.121
7921580000	SIHA 3/G20/LD 35-70V	A.294
7921580000	SIHA 3/G20/LD 35-70V	A.370
7921580000	SIHA 3/G20/LD 35-70V	A.371
7921580000	SIHA 3/G20/LD 35-70V	A.372
7921580000	SIHA 3/G20/LD 35-70V	A.380
7921580000	SIHA 3/G20/LD 35-70V	A.385
7921580000	SIHA 3/G20/LD 35-70V	A.386
7921580000	SIHA 3/G20/LD 35-70V	A.387
7921580000	SIHA 3/G20/LD 35-70V	A.424
7921580000	SIHA 3/G20/LD 35-70V	B.145
7921580000	SIHA 3/G20/LD 35-70V	B.146
7921580000	SIHA 3/G20/LD 35-70V	B.147
7921580000	SIHA 3/G20/LD 35-70V	B.154
7921580000	SIHA 3/G20/LD 35-70V	B.156
7921590000	SIHA 3/G20/LD 60-150V	A.120
7921590000	SIHA 3/G20/LD 60-150V	A.121
7921590000	SIHA 3/G20/LD 60-150V	A.294
7921590000	SIHA 3/G20/LD 60-150V	A.370
7921590000	SIHA 3/G20/LD 60-150V	A.371
7921590000	SIHA 3/G20/LD 60-150V	A.372
7921590000	SIHA 3/G20/LD 60-150V	A.380
7921590000	SIHA 3/G20/LD 60-150V	A.385
7921590000	SIHA 3/G20/LD 60-150V	A.386
7921590000	SIHA 3/G20/LD 60-150V	A.387
7921590000	SIHA 3/G20/LD 60-150V	A.424
7921590000	SIHA 3/G20/LD 60-150V	B.145
7921590000	SIHA 3/G20/LD 60-150V	B.146
7921590000	SIHA 3/G20/LD 60-150V	B.147
7921590000	SIHA 3/G20/LD 60-150V	B.154
7921590000	SIHA 3/G20/LD 60-150V	B.156
7921600000	SIHA 3/G20/LD 140-250V	A.120
7921600000	SIHA 3/G20/LD 140-250V	A.121
7921600000	SIHA 3/G20/LD 140-250V	A.250
7921600000	SIHA 3/G20/LD 140-250V	A.251
7921600000	SIHA 3/G20/LD 140-250V	A.263
7921600000	SIHA 3/G20/LD 140-250V	A.294
7921600000	SIHA 3/G20/LD 140-250V	A.368
7921600000	SIHA 3/G20/LD 140-250V	A.370
7921600000	SIHA 3/G20/LD 140-250V	A.371
7921600000	SIHA 3/G20/LD 140-250V	A.372
7921600000	SIHA 3/G20/LD 140-250V	A.373
7921600000	SIHA 3/G20/LD 140-250V	A.374
7921600000	SIHA 3/G20/LD 140-250V	A.375
7921600000	SIHA 3/G20/LD 140-250V	A.380
7921600000	SIHA 3/G20/LD 140-250V	A.382
7921600000	SIHA 3/G20/LD 140-250V	A.383
7921600000	SIHA 3/G20/LD 140-250V	A.385
7921600000	SIHA 3/G20/LD 140-250V	A.386
7921600000	SIHA 3/G20/LD 140-250V	A.387
7921600000	SIHA 3/G20/LD 140-250V	A.424
7921600000	SIHA 3/G20/LD 140-250V	B.145
7921600000	SIHA 3/G20/LD 140-250V	B.146
7921600000	SIHA 3/G20/LD 140-250V	B.147
7921600000	SIHA 3/G20/LD 140-250V	B.154
7921600000	SIHA 3/G20/LD 140-250V	B.156
7921600000	SIHA 3/G20/LD 140-250V	B.164
7921600000	SIHA 3/G20/LD 140-250V	B.165
7921600000	SIHA 3/G20/LD 140-250V	B.166
7921600000	SIHA 3/G20/LD 140-250V	B.167
7921600000	SIHA 3/G20/LD 140-250V	B.168
7921600000	SIHA 3/G20/LD 140-250V	B.169
7921600000	SIHA 3/G20/LD 140-250V	B.190
7921600000	SIHA 3/G20/LD 140-250V	B.191
7921600000	SIHA 3/G20/LD 140-250V	B.192
7921600000	SIHA 3/G20/LD 140-250V	B.193

8010000000

8010040000	WDK 2.5 LD GR 1R 24VDC	A.403
8014670000	WDK 2.5 2D 1.A	A.401

8020000000

8023610000	WDK 2.5 LD/GN 1R 24VDC	A.403
8023630000	WDK 2.5 LD RT 24VDC -+	A.403
8025610000	WDK 2.5 1D	A.400

8160000000

8161820000	WDUL 4	A.399

8630000000

8630740000	ZEW 35/2	A.208
8630740000	ZEW 35/2	A.234
8630740000	ZEW 35/2	B.117
8630740000	ZEW 35/2	C.15

8670000000

8670520000	ZDK 4-2/D FORWARD	A.281
8670750000	ZDK 4-2	A.213
8670760000	ZAP/TW ZDK4-2	A.213
8670760000	ZAP/TW ZDK4-2	A.214
8670760000	ZAP/TW ZDK4-2	A.233
8670760000	ZAP/TW ZDK4-2	A.281
8670850000	ZDK 4-2 BL	A.213
8671050000	ZDK 4-2 PE	A.233
8671080000	ZDK 4-2 V	A.213
8671120000	ZDK 4-2/DU-PE	A.214

8700000000

8709760000	ZDK 4-2 EL	A.281

8730000000

8731640000	WTR 2.5 BL	A.368
8731660000	WTR 2.5 STB2.3 BL	A.368
8731670000	WTR 2.5/0.TNHE STB2.3	A.368
8731700000	WTR 2.5/0.TNHE	A.368
8731710000	ZTR 2.5 BL	A.250
8731720000	ZTR 2.5/3AN	A.250
8731730000	ZTR 2.5/3AN BL	A.250

8810000000

8817920000	ZTR 6-2 E / 24V UC	B.292
8817930000	ZTR 6-2 E / 230V UC	B.292

8870000000

8870840000	SRC1 QV P	B.160
8870840000	SRC1 QV P	B.161
8870840000	SRC1 QV P	B.162
8870840000	SRC1 QV P	B.163

9000000000

9006060000	SWIFTY CS SET	A.206
9006060000	SWIFTY CS SET	A.207
9006060000	SWIFTY CS SET	A.212
9006060000	SWIFTY CS SET	A.347
9006060000	SWIFTY CS SET	A.348
9006060000	SWIFTY CS SET	A.349
9006060000	SWIFTY CS SET	A.399
9006060000	SWIFTY CS SET	A.400
9006060000	SWIFTY CS SET	A.401
9006060000	SWIFTY CS SET	A.402
9006060000	SWIFTY CS SET	A.403
9006060000	SWIFTY CS SET	B.198
9006060000	SWIFTY CS SET	B.199
9006060000	SWIFTY CS SET	B.200
9006060000	SWIFTY CS SET	B.202
9006060000	SWIFTY CS SET	B.203
9008850000	SK WSD-S 1,5-10,0	B.40
9008850000	SK WSD-S 1,5-10,0	B.41
9008850000	SK WSD-S 1,5-10,0	B.44
9008850000	SK WSD-S 1,5-10,0	B.45
9008850000	SK WSD-S 1,5-10,0	B.48
9008850000	SK WSD-S 1,5-10,0	B.50
9008850000	SK WSD-S 1,5-10,0	B.68
9008850000	SK WSD-S 1,5-10,0	B.70
9008850000	SK WSD-S 1,5-10,0	B.71
9008850000	SK WSD-S 1,5-10,0	B.74
9008850000	SK WSD-S 1,5-10,0	B.75
9008850000	SK WSD-S 1,5-10,0	B.78
9008850000	SK WSD-S 1,5-10,0	B.80
9008850000	SK WSD-S 1,5-10,0	B.82
9008850000	SK WSD-S 1,5-10,0	B.84
9008850000	SK WSD-S 1,5-10,0	B.86
9008850000	SK WSD-S 1,5-10,0	B.88
9008850000	SK WSD-S 1,5-10,0	B.272
9008870000	SKS 2,0-8,0 MR	A.314
9008870000	SKS 2,0-8,0 MR	A.315
9008870000	SKS 2,0-8,0 MR	A.316
9008870000	SKS 2,0-8,0 MR	A.319
9008870000	SKS 2,0-8,0 MR	A.337

Order No.	Type	Page
9008870000	SKS 2,0-8,0 MR	A.338
9008870000	SKS 2,0-8,0 MR	A.339
9008870000	SKS 2,0-8,0 MR	B.27
9008870000	SKS 2,0-8,0 MR	B.28
9008870000	SKS 2,0-8,0 MR	B.29
9008870000	SKS 2,0-8,0 MR	B.30
9008870000	SKS 2,0-8,0 MR	B.33
9008870000	SKS 2,0-8,0 MR	B.34
9008870000	SKS 2,0-8,0 MR	B.35
9008880000	TH-S 9-40	A.314
9008880000	TH-S 9-40	A.315
9008880000	TH-S 9-40	B.28
9008880000	TH-S 9-40	B.29

9010000000

9014840000	HTF ZRV	A.264

9200000000

9201040000	HTF AFK 2.5	A.265
9201610000	WQV PEN 50N	A.337
9201610000	WQV PEN 50N	A.425
9201610000	WQV PEN 50N	B.33
9201630000	WQV PEN 95N/120N	A.338
9201630000	WQV PEN 95N/120N	A.425
9201630000	WQV PEN 95N/120N	B.34
9203060000	WDU 4 SL BL	A.305
9205270000	ZUB MULTIMETER	B.108
9205270000	ZUB MULTIMETER	B.109
9205270000	ZUB MULTIMETER	B.114
9205270000	ZUB MULTIMETER	B.115

9510000000

9512190000	WDU 70N/35	A.315
9512190000	WDU 70N/35	B.28
9512200000	WPE 70N/35	A.338
9512200000	WPE 70N/35	B.33
9512210000	WNT 70N/35	B.200
9512240000	WQV 70N/2	A.315
9512240000	WQV 70N/2	A.416
9512240000	WQV 70N/2	B.28
9512240000	WQV 70N/2	B.29
9512240000	WQV 70N/2	B.290
9512250000	WQV 70N/3	A.315
9512250000	WQV 70N/3	A.416
9512250000	WQV 70N/3	B.28
9512250000	WQV 70N/3	B.29
9512250000	WQV 70N/3	B.290
9512260000	WAD 20 GE WSD	A.314
9512260000	WAD 20 GE WSD	A.315
9512260000	WAD 20 GE WSD	B.27
9512260000	WAD 20 GE WSD	B.28
9512260000	WAD 20 GE WSD	B.29
9512260000	WAD 20 GE WSD	B.289
9512260000	WAD 20 GE WSD	B.290
9512420000	WDU 70N/35 BL	A.315
9512420000	WDU 70N/35 BL	B.28

9520000000

9525840000	WQV 70N-PEN	A.338
9525840000	WQV 70N-PEN	A.425
9525840000	WQV 70N-PEN	B.33

9530000000

9531290000	WQV 70N/4	A.315
9531290000	WQV 70N/4	A.416
9531290000	WQV 70N/4	B.28
9531290000	WQV 70N/4	B.29
9531290000	WQV 70N/4	B.290
9532440000	KDKS 1/35 DB	A.364
9532470000	AP KDKS1 DB	A.364
9532470000	AP KDKS1 DB	A.365
9537410000	WDU 10 SL/EN SW	A.309
9537440000	WDU 4 SL	A.305
9537450000	WDU 4 SL/EN	A.305
9537460000	WDU 6 SL	A.307
9537470000	WDU 6 SL/EN	A.307
9537480000	WDU 10 SL	A.309
9537490000	WDU 10 SL/EN	A.309
9537550000	SIHA 1/G20	A.369
9537550000	SIHA 1/G20	A.424
9537560000	SIHA 1/G20 10-36V	A.369
9537560000	SIHA 1/G20 10-36V	A.424
9537680000	SIHA STRAP	A.294
9537680000	SIHA STRAP	A.424
9538080000	WTL 6 SL/EN	B.244
9538080000	WTL 6 SL/EN	B.245
9538100000	WTD 6 SL/EN	B.244
9538100000	WTD 6 SL/EN	B.245
9538110000	WAP WTL6 SL	B.244
9538110000	WAP WTL6 SL	B.245

9540000000

9540000000	ZEW 35	A.186
9540000000	ZEW 35	A.187
9540000000	ZEW 35	A.188
9540000000	ZEW 35	A.189
9540000000	ZEW 35	A.190
9540000000	ZEW 35	A.191
9540000000	ZEW 35	A.192
9540000000	ZEW 35	A.193
9540000000	ZEW 35	A.194
9540000000	ZEW 35	A.196
9540000000	ZEW 35	A.197
9540000000	ZEW 35	A.198
9540000000	ZEW 35	A.199
9540000000	ZEW 35	A.200
9540000000	ZEW 35	A.201
9540000000	ZEW 35	A.202
9540000000	ZEW 35	A.203
9540000000	ZEW 35	A.204
9540000000	ZEW 35	A.205
9540000000	ZEW 35	A.206
9540000000	ZEW 35	A.207
9540000000	ZEW 35	A.209
9540000000	ZEW 35	A.210
9540000000	ZEW 35	A.211
9540000000	ZEW 35	A.212
9540000000	ZEW 35	A.213
9540000000	ZEW 35	A.214
9540000000	ZEW 35	A.215
9540000000	ZEW 35	A.216
9540000000	ZEW 35	A.217
9540000000	ZEW 35	A.219
9540000000	ZEW 35	A.220
9540000000	ZEW 35	A.221
9540000000	ZEW 35	A.222
9540000000	ZEW 35	A.223
9540000000	ZEW 35	A.224
9540000000	ZEW 35	A.225
9540000000	ZEW 35	A.226
9540000000	ZEW 35	A.227
9540000000	ZEW 35	A.228
9540000000	ZEW 35	A.229
9540000000	ZEW 35	A.230
9540000000	ZEW 35	A.231
9540000000	ZEW 35	A.232
9540000000	ZEW 35	A.233
9540000000	ZEW 35	A.250
9540000000	ZEW 35	A.251
9540000000	ZEW 35	A.252
9540000000	ZEW 35	A.263
9540000000	ZEW 35	A.274
9540000000	ZEW 35	A.275
9540000000	ZEW 35	A.276
9540000000	ZEW 35	A.277
9540000000	ZEW 35	A.278
9540000000	ZEW 35	A.279
9540000000	ZEW 35	A.280
9540000000	ZEW 35	A.281
9540000000	ZEW 35	A.282
9540000000	ZEW 35	B.97
9540000000	ZEW 35	B.276
9540000000	ZEW 35	B.292
9540000000	ZEW 35	C.15

9800000000

9802720001	KDKS 1EN/LLC 10-36V AC/DC	A.364

9900000000

9908510001	KDKS 1EN/LLC 30-70V AC/DC	A.364

9910000000

9915820001	KDKS 1EN/LLC 100-250V AC/DC	A.364
9918870000	VT DIGI PRO	B.12
9918870000	VT DIGI PRO	B.24

X

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

Imprint: Weidmüller Interface GmbH & Co. KG, Klingenbergstraße 26, 32756 Detmold, Tel.: +49 5231 14280, E-Mail: weidmueller@weidmueller.de, www.weidmueller.de | Limited partnership (KG), Registered office: Detmold, Register court Lemgo HRA 2790 | General partner: Weidmüller Führungsgesellschaft mbH, Registered office: Detmold, Register court Lemgo HRB 3924, VAT ID no.: DE124599660 | Corporate Executive Management: Dr. Sebastian Durst, Dr. Timo Berger, André Sombecki, Dr. Christian von Toll

Weidmüller – Your partner in Smart Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Smart Industrial Connectivity.

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
www.weidmueller.com

Personal support can
be found on our website:
www.weidmueller.com/contact

Made in Germany
07/2025/SMD