

# DIY Catalogue



2024-25

**GEWISS**

# Innovation, our history



We have a great passion: **innovation**.

A calling that turns into a steady force for change, a predisposition for excellence that demands imagination, knowledge, entrepreneurship and enthusiasm: qualities that form part of our history and that have enabled us to grow, demonstrating our capacity to “**look beyond**”.

## Vision

To be a leading company in our industry providing **meaningful innovation for the community**.

## Mission

Creating values for our **customers** and our **staff** providing innovative and scalable solutions for buildings, industries and infrastructures, connecting people and things, while improving the safety and the quality of life, driven by **integrity**, culture of **excellence** and **sustainability**.

## Values



### Integrity

For us integrity is the base on which coworkers, customers and stakeholders build **relationships** and **trust**. It means to be accountable, reliable and **driven by strong ethical principles**.



### Excellence

Our culture of excellence is driven by a relentless tension to **improve and reach challenging goals**, creating every day something better than the day before, exploring innovative solutions and **enhancing our potential**.



### Sustainability

We act to reduce waste and manage efficiently **human, natural and financial resources**. we aim to create value for our **people, customers, communities and future generations**.

## The sense of our time



**1983**  
IPORTO CERVO  
CONVENTION  
International vision and  
coloured plastic launch



**1988**  
LISTING ON THE MILAN  
STOCK EXCHANGE  
Foundation of the brand's  
internationalisation



**1995**  
DEVELOPMENT AS  
A MANAGEMENT CONSTANT  
Continuous investments in technological  
research & training



**1970**  
YEAR OF  
FOUNDATION  
The first plant in  
Cenate Sopra



**1987**  
CYCLING  
SPONSORSHIPS  
A new way to tell  
the success stories



**1992**  
NEW HEADQUARTERS  
Increase in production  
capacity & quality



**1997**  
EXPANDING  
INTERNATIONALLY  
Acquisition of new  
production sites

Over **50 years** in the electrical industry

# The world is our home

We believe the world is full of stories and constant transformations. A place that offers **unlimited opportunities**.

Our DNA is made up of precision, transparency and respect for the environment, radiating and thriving in each of the **Group's subsidiaries** and **production sites**.

We are over **2,250 employees**, operating in **more than 100 countries** around the world, organized in 5 clusters, **WEST EUROPE & AMERICAS (WEA)**, **DACH**, **NORTH & EAST EUROPE (NEE)**, **HIGH GROWTH REGION (HGR)** and **ITALY**.

The **international network** allows us to bring out our personal resources, enhancing and mixing them with the experience and knowledge of everyone. We intend to expand our operations into other countries and develop other products and systems.

 **2,250** employees in the Group

 **Present in 100 countries**

With Headquarters, subsidiaries, agencies & production sites **worldwide**

 **6 production facilities**  
3 in Italy, 1 in Germany, 1 in Portugal & 1 in France

## International locations

### West Europe & Americas (WEA)

Spain, France (with Franco Africa), UK, Benelux, Ireland, Latin, Central & North America.

### Dach

Germany, Switzerland, Austria.

### Italy

### North & East (NEE)

Romania, Poland, Hungary, Czech Republic, Greece, Cyprus, Malta, Russia, Ukraine, Nordics, Baltics, Balkans and Armenia.

### High Growth Region (HGR)

Middle East, Turkey, Azerbaijan, Kazakhstan, Israel & Palestine, Africa (except Franco Africa), India, Far East, Oceania.



**2000**  
LOGISTIC HUB  
OPENING  
New 85,000 sqm  
computerized  
warehouse



**2015**  
OFFICIAL SPONSOR  
OF EXPO 2015  
Our solutions to represent  
Italian excellence



**2021**  
GEWISS SOLUTIONS  
AND SERVICES  
A new business model  
to offer scalable and  
cross-functional solutions



**2006**  
LAUNCH OF CHORUS  
RANGE  
International home  
automation system



**2019**  
ATLANTA FOOTBALL  
CLUB PARTNERSHIP  
Gewiss connection with  
sport and the local  
community



**2022**  
PERFORMANCE IN LIGHTING  
JOINS THE GEWISS GROUP  
Acquisition of new market  
shares in lighting sector

# Sustainability Project:

The future of tomorrow is built today.

We have chosen to develop a **responsible business model** which fosters behaviours which **respect both people and the environment**, implementing our **Sustainability Project**.

In line with the 3 fundamental pillars of sustainability (Society, Environment and Economy) we have identified our own pillars: **Strategic Approach, Business, Governance, Social, Environment, People**. For each of them, we have defined a set of priorities that we aim to achieve to create value for our company and along the entire value chain.

An important goal already reached is the achievement, at the end of 2020, of the **ISO 50001** certification, which validates our **efficient management of resources** and the positive consequences in terms of **energy saving** and **environmental sustainability**.



“ The approach to **sustainability** taken by **GEWISS** envisages **strong cohesion and synergy with the Company Mission**. **GEWISS'** goal through its day to-day activities is to **create shared value for all stakeholders**, along the entire **value chain**, in all the territories in which it operates, **pursuing sustainable development** and promoting innovations that **substantially improve daily life**. ”



**GEWISS Experience Centre:**  
**A technical & innovative concept.**

An **interactive meeting space** where all the stakeholders can live the **GEWISS** world and its Solutions through an **immersive digital experience tailored to the market needs**.

We host an annual Calendar of **digital & events in presence**, training courses and customised events that will **develop business opportunities**, from **wholesaler** to **installer**, from **specifier, architect** to **consumer**. Media and academic audiences are also welcome to the facility.

# Solutions that generate value

Innovation is never the end goal for us, but the medium through which we can **satisfy society's needs**.

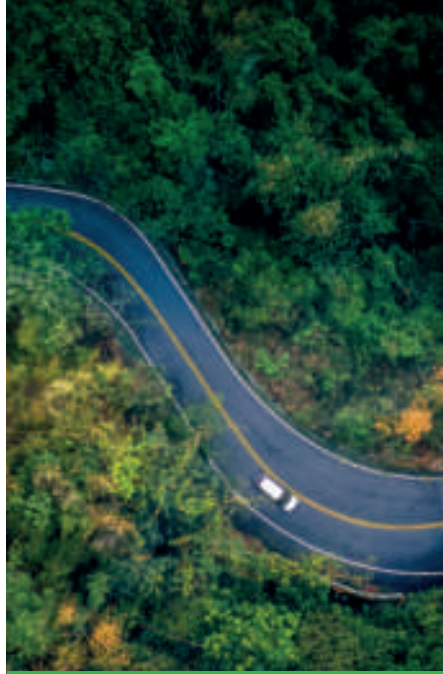
We generate social and economic value for the company and for our representatives through **services and solutions that improve daily life**, reduce costs and respect the environment. This philosophy acts as a constant guide in the solutions we provide.


Our range has shifted **from products that present solutions to those that provide a service**, with five lines to cover every need: **Lighting, E-Mobility, Energy, Installation and Building**.

AVAILABLE ON REQUEST



 Lighting




 E-Mobility



 Energy



 Installation



 Building



**Key Applications**

- 01. Commercial
- 02. Education
- 03. Residential
- 04. Architectural
- 05. Sport
- 06. Urban
- 07. Industrial



**Lighting**

Lighting the way to a **brighter future.**

Putting the spotlight on lighting quality, **creating lighting systems** for all spaces and environments.

Our **extensive experience** in the lighting sector, the **most advanced LED technologies** and brilliant Italian **design inspiration** - these are the three key elements that characterise GEWISS lighting solutions.

The perfect combination of **quality, beauty, efficiency** and **energy savings**.

AVAILABLE ON REQUEST



**E-Mobility**

Marking out the road to **Smart Mobility.**

'**Smart mobility**' is becoming a **major feature in all our lives**, definitively changing the way we move around and how we **imagine our daily trips**.

JOINON is our offer for charging all electric vehicles, that **includes both the technological infrastructure and its total management**, including technical assistance and maintenance.

From charging stations to the app, an **integrated service platform** that makes **environmental sustainability** a competitive success factor.





## Energy

### Managing energy intelligently.

Maximum synergy and integration between LV and modular switchboards and distribution boards.

A state-of-the-art energy management and **technologically advanced protection systems** can be created, delivering **quality, safety** and **functionality** with total freedom.



## Installation

### Connection & distribution system: the heart of the GEWISS offer.

**Specialized, pioneering range of Industrial connections**, including distribution boards, junction boxes, switch disconnectors and containment designed to **meet every possible need**.

The range offers a **complete, advanced system** of socket-outlets, plugs and interlocked socket-outlets that comply with the international standard **IEC 60309**, a system of wired and unwired boards complying with the **EN 61439** standard and a system for control and automation; from surface-mounting and flush-mounting enclosures to conduits, cable trays and installation supports.



## Building

### Your home in your hand: connected Smart Living.

The **Smart Living** concept describes the new way of living every aspect of everyday life in a **smart & dynamic way**, with particular attention to details.

With GEWISS this translates into a complete offer for Home and Building management, which fits harmoniously into the large **ecosystem of the Internet of Things**.

**Advanced solutions** but within everyone's reach, because they are **simple and intuitive**. Comfort, energy saving, safety, supervision and design. These are the keywords to describe the entire GEWISS system for **Home & Building Automation**, perfect for any residential and tertiary environment.



# Products overview

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42 TV



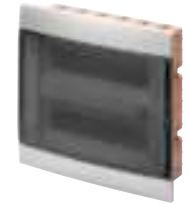
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GREEN WALL



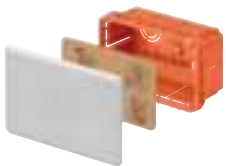
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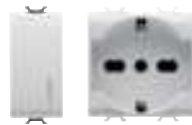
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CHORUSMART  
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SYSTEM  
MODULAR DEVICES



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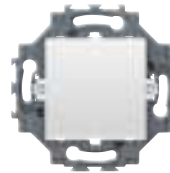
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INSTALLATION

ENERGY

BUILDING

MOBILITY

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INSTALLATION

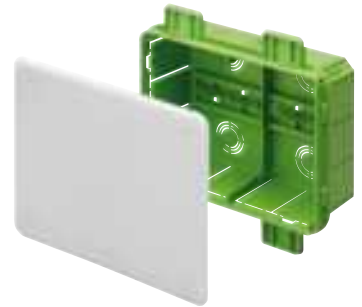
## WALL-MOUNTING ENCLOSURES

A range of containers for surface-mounting systems and applications in the industrial, commercial and residential contexts. The range consists of watertight boards (in technopolymer, polyester reinforced with fibreglass, metal and stainless steel), boxes (in technopolymer and metal) and multifunctional supporting bases.



## FLUSH-MOUNTING ENCLOSURES

Container system for commercial and residential applications. The system columns (for energy distribution, domotics and multimedia) are also part of the range, along with enclosures, distribution boards, boxes for domestic ranges and junction boxes with integrated DIN rail.



## CONDUITS AND ACCESSORIES FOR INSTALLATION

A range of protective conduits for surface-mounting and flush-mounting applications in the industrial, commercial and residential contexts. The range includes medium to heavy rigid conduits (including Halogen Free versions), medium folding protective conduits, coextruded folding protective conduits and self-recovering protective conduits (ICTA Halogen Free).





# WALL-MOUNTING ENCLOSURES



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WATERTIGHT SURFACE-MOUNTING  
DISTRIBUTION AND AUTOMATION  
BOARDS

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**40 CD**

SURFACE-MOUNTING DISTRIBUTION  
BOARDS AND ENCLOSURES

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**40 CDe**

ENCLOSURES AND DISTRIBUTION  
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## **42 RV**

SURFACE AND FLUSH-MOUNTING  
WATERTIGHT EMERGENCY  
ENCLOSURES

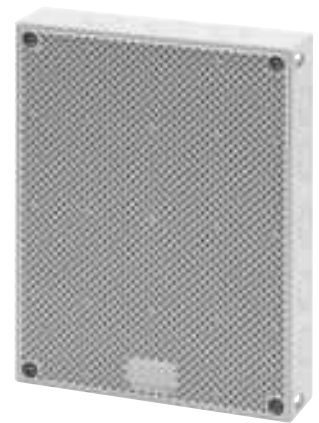
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## **44 CE**

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SURFACE MOUNTING WATERTIGHT  
JUNCTION BOXES

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## **42 TV**

MULTIFUNCTIONAL SUPPORTING  
BASES

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# 46

## Watertight surface-mounting distribution and automation boards

The offer includes: 46 QP boards - monobloc, Halogen Free glass fiber loaded polyester, degree of protection IP66; 46 QM boards - IP55 in metal; 46 QX boards - IP55 in stainless steel; 44 CEP boards - monobloc, Halogen Free technopolymer. The 46 QP, QM and 44 CEP boards are available in transparent and blank door versions. In addition, 46 QP, QM and QX boards features Fast & Easy accessories with metal snap fastening.



### 46 QP - POLYESTER WATERTIGHT BOARDS - IP66



IP  
66

GWT  
960°C



#### DISTRIBUTION BOARDS



GW 46 004 F

#### POLYESTER WATERTIGHT BOARDS WITH BLANK DOOR FITTED WITH LOCK - GREY RAL 7035



| Code     | Nominal dim. LxHxD (mm) | No. of modules EN 50022 | No. locks | Dispersible power A (W) | Dispersible power B (W) | Pack / Carton |
|----------|-------------------------|-------------------------|-----------|-------------------------|-------------------------|---------------|
| GW46001F | 250x300x160             | -                       | 1         | 34                      | -                       | 1             |
| GW46002F | 310x425x160             | 36 (12x3)               | 2         | 48                      | 39                      | 1             |
| GW46003F | 405x500x200             | 54 (18x3)               | 2         | 95                      | 53                      | 1             |
| GW46004F | 405x650x200             | 72 (18x4)               | 2         | 118                     | 81                      | 1             |
| GW46005F | 515x650x250             | 96 (24x4)               | 2         | 126                     | 106                     | 1             |
| GW46006F | 585x800x300             | 140 (28x5)              | 2         | 205                     | 146                     | 1             |
| GW46007F | 800x1060x350            | 180 (36x5)              | 2         | 324                     | 226                     | 1             |

**CHARACTERISTICS:** boxes equipped with inserts pre-assembled in the slots, to speed up the configuration of the board. Doors equipped with functional grid of reference for fixing the devices. From board GW46002F to board GW46006F it is possible to fix the panels with windows or blank (1 or 2 modules) directly in the seats housed in the vertical walls of the boards; for the board GW46007F use uprights GW46439F. Impact resistance: IK10 according to EN 62262.

**ACCESSORIES SUPPLIED:** 4 reversible brackets with relative screws for fixing back-mounting plates or uprights for modular devices.

**NOTES:** Dispersible power calculated according to CEI 23-49.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable from professionals website GEWISS or to the technical section of this catalogue.

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.



GW 46 203 F

#### POLYESTER WATERTIGHT BOARDS WITH TRANSPARENT DOOR AND LOCK - GREY RAL 7035



| Code     | Nominal dim. LxHxD (mm) | No. of modules EN 50022 | No. locks | Dispersible power A (W) | Dispersible power B (W) | Pack / Carton |
|----------|-------------------------|-------------------------|-----------|-------------------------|-------------------------|---------------|
| GW46201F | 250x300x160             | -                       | 1         | 34                      | -                       | 1             |
| GW46202F | 310x425x160             | 36 (12x3)               | 2         | 48                      | 39                      | 1             |
| GW46203F | 405x500x200             | 54 (18x3)               | 2         | 95                      | 53                      | 1             |
| GW46204F | 405x650x200             | 72 (18x4)               | 2         | 118                     | 81                      | 1             |
| GW46205F | 515x650x250             | 96 (24x4)               | 2         | 126                     | 106                     | 1             |
| GW46206F | 585x800x300             | 140 (28x5)              | 2         | 205                     | 146                     | 1             |
| GW46207F | 800x1060x350            | 180 (36x5)              | 2         | 324                     | 226                     | 1             |

**ACCESSORIES SUPPLIED:** boxes equipped with inserts pre-assembled in the slots, to speed up the configuration of the board. For the transparent door version: GWT 650°C. From board GW46202F to board GW46206F it is possible to fix the panels with windows or blank (1 or 2 modules) directly in the seats housed in the vertical walls of the boards; for the board GW46207F use uprights GW46439F. Impact resistance of the bottom: IK10 according to EN 62262.

**ACCESSORIES SUPPLIED:** 4 reversible brackets with relative screws for fixing back-mounting plates or uprights for modular devices.

**NOTES:** Dispersible power calculated according to CEI 23-49.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable from professionals website GEWISS or to the technical section of this catalogue.

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.



## 46 QM - WATERTIGHT METAL BOARDS - IP55



**IP  
55**

### DISTRIBUTION BOARDS



GW 46 034

#### WATERTIGHT BOARDS IN METAL WITH BLANK DOOR FITTED WITH LOCK GREY RAL 7035

**FAST  
EASY** **IK  
10**

| Code    | Nominal dim. LxHxD (mm) | No. of modules EN 50022 | No. locks | Dispersible power A (W) | Dispersible power B (W) | Pack / Carton |
|---------|-------------------------|-------------------------|-----------|-------------------------|-------------------------|---------------|
| GW46031 | 250x300x160             | -                       | 1         | 49                      | -                       | 1             |
| GW46032 | 310x425x160             | 36 (12x3)               | 2         | 70                      | 58                      | 1             |
| GW46033 | 405x500x200             | 54 (18x3)               | 2         | 106                     | 80                      | 1             |
| GW46034 | 405x650x200             | 72 (18x4)               | 2         | 135                     | 97                      | 1             |
| GW46035 | 515x650x250             | 96 (24x4)               | 2         | 180                     | 115                     | 1             |
| GW46036 | 585x800x300             | 140 (28x5)              | 2         | 240                     | 159                     | 1             |
| GW46037 | 800x1060x350            | 180 (36x5)              | 2         | 400                     | 284                     | 1             |

**ACCESSORIES SUPPLIED:** screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular devices. GW46034, GW46035, GW46036, GW46037 with perforated bottom equipped with flange for cables to pass through.

**NOTES:** Dispersible power calculated according to CEI 23-49.

For the front configuration (via panels and DIN rails), it is necessary to use the uprights.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The technical and functional characteristics, and the nominal values, refer to vertical installation only.

**APPLICATIONS:** for indoor use (e.g. in industrial systems, on machines, etc.).

The nominal dimensions LxHxD in the table above refer to the external size of the boards.

For the real outer dimensions LxHxD refer to the technical data sheet downloadable from professionals website GEWISS or to the technical section of this catalogue.



GW 46 232

#### WATERTIGHT BOARDS IN METAL WITH BLANK DOOR FITTED WITH TEMPERED GLASS WINDOW AND LOCK GREY RAL 7035

**FAST  
EASY** **IK  
08**

| Code    | Nominal dim. LxHxD (mm) | No. of modules EN 50022 | No. locks | Dispersible power A (W) | Dispersible power B (W) | Pack / Carton |
|---------|-------------------------|-------------------------|-----------|-------------------------|-------------------------|---------------|
| GW46232 | 310x425x160             | 36 (12x3)               | 2         | 70                      | 58                      | 1             |
| GW46233 | 405x500x200             | 54 (18x3)               | 2         | 106                     | 80                      | 1             |
| GW46234 | 405x650x200             | 72 (18x4)               | 2         | 135                     | 97                      | 1             |
| GW46235 | 515x650x250             | 96 (24x4)               | 2         | 180                     | 115                     | 1             |
| GW46236 | 585x800x300             | 140 (28x5)              | 2         | 240                     | 159                     | 1             |
| GW46237 | 800x1060x350            | 180 (36x5)              | 2         | 400                     | 284                     | 1             |

**ACCESSORIES SUPPLIED:** screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular devices. GW46234, GW46235, GW46236, GW46237 with perforated bottom equipped with flange for cables to pass through.

**NOTES:** Dispersible power calculated according to CEI 23-49.

For the front configuration (via panels and DIN rails), it is necessary to use the uprights.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The technical and functional characteristics, and the nominal values, refer to vertical installation only.

**APPLICATIONS:** for indoor use (e.g. in industrial systems, on machines, etc.).

The nominal dimensions LxHxD in the table above refer to the external size of the boards.

For the real outer dimensions LxHxD refer to the technical data sheet downloadable from professionals website GEWISS or to the technical section of this catalogue.

## COMPLEMENTARY ITEMS FOR 46 QP, QM AND QX BOARDS

### FRONT CONFIGURATION



GW 46 421 F

#### COVERING PANELS WITH WINDOW, HEIGHT 1 MODULE, FAST & EASY QUICK ASSEMBLY - GREY RAL 7035



| Code                    | No. of modules EN 50022 | For standard boards (mm) | Pack / Carton |
|-------------------------|-------------------------|--------------------------|---------------|
| <b>Height: 1 Module</b> |                         |                          |               |
| GW46420F                | 12                      | 310                      | 1/10          |
| GW46421F                | 18                      | 405                      | 1/10          |
| GW46422F                | 24                      | 515                      | 1/10          |
| GW46423F                | 28                      | 585                      | 1/5           |
| GW46424F                | 36                      | 800                      | 1/5           |

**CHARACTERISTICS:** captive panel 1/4 turn sealing screws.

GW46420F, GW46421F, GW46422F, GW46423F, possibility to fix directly on the inner walls of the polyester boards.

**ACCESSORIES SUPPLIED:** fixing accessories. Complete with DIN rail.

**NOTES:** in all boards, the panel GW46424F can be fixed only with uprights GW46439F.



GW 46 425 F

#### FAST & EASY QUICK ASSEMBLY BLANK COVERING PANELS - GREY RAL 7035



| Code                     | For standard boards (mm) | Pack / Carton |
|--------------------------|--------------------------|---------------|
| <b>Height: 1 Module</b>  |                          |               |
| GW46425F                 | 310                      | 1/10          |
| GW46426F                 | 405                      | 1/10          |
| GW46427F                 | 515                      | 1/13          |
| GW46428F                 | 585                      | 1/5           |
| GW46429F                 | 800                      | 1/5           |
| <b>Height: 2 Modules</b> |                          |               |
| GW46475F                 | 310                      | 1/5           |
| GW46476F                 | 405                      | 1/5           |
| GW46477F                 | 515                      | 1/5           |
| GW46478F                 | 585                      | 1/5           |
| GW46479F                 | 800                      | 1             |

**CHARACTERISTICS:**

GW46425F, GW46426F, GW46427F, GW46428F, GW46475F, GW46476F, GW46477F, GW46478F possibility to fix directly on the inner walls of the polyester boards. captive panel 1/4 turn sealing screws.

in all boards, the panel GW46429F and GW46479F can be fixed only with uprights GW46439F.

**ACCESSORIES SUPPLIED:** fixing accessories.



GW 46 437 F

#### PAIR OF UPRIGHTS FOR INSTALLATION OF FAST & EASY QUICK ASSEMBLY TECHNICAL COMPONENTS, FOR MODULAR DEVICES, MOULDED-CASE DEVICES, SWITCH- DISCONNECTORS AND BLANK/PERFORATED PLATES H = 1 AND 2 MODULES

| Code     | For boards LxH (mm) | Pack / Carton |
|----------|---------------------|---------------|
| GW46435F | 310x425             | 1/10          |
| GW46436F | 405x500             | 1/10          |
| GW46437F | 405x650/515x650     | 1/10          |
| GW46438F | 585x800             | 1/10          |
| GW46439F | 800x1060            | 1/10          |

**ACCESSORIES SUPPLIED:** the uprights are provided with a kit with 4 inserts to be inserted in the seats located on the lower and upper horizontal surfaces. The position of the seats where the inserts have to be housed is shown on the instruction sheet inside the 46QP boards. The insert is fixed in the seat through the expansion of the plate located inside the insert, using a pin with diameter 4 mm. The uprights are installed using the 4 brackets provided with the 46QP boards.

**APPLICATIONS:** the uprights make it possible to implement extractable frames by using: panels without and with windows, perforated or non-perforated plate with height of 1 or 2 modules, MCCB or switch disconnector kits.

## INTERNAL CONFIGURATION

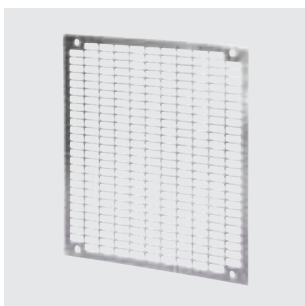


GW 46 401

### STEEL BACK-MOUNTING PLATES WITH ANTI-CORROSION TREATMENT FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

| Code    | For boards LxH (mm) | Pack / Carton |
|---------|---------------------|---------------|
| GW46401 | 250x300             | 1/5           |
| GW46402 | 310x425             | 1/5           |
| GW46403 | 405x500             | 1/5           |
| GW46404 | 405x650             | 1/4           |
| GW46405 | 515x650             | 1/2           |
| GW46407 | 800x1060            | 1             |

NOTES: for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.



GW 46 464

### PERFORATED BACK-MOUNTING PLATES IN GALVANISED STEEL FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

| Code    | For boards LxH (mm) | Pack / Carton |
|---------|---------------------|---------------|
| GW46461 | 250x300             | 1/5           |
| GW46462 | 310x425             | 1/5           |
| GW46463 | 405x500             | 1/5           |
| GW46465 | 515x650             | 1/4           |
| GW46466 | 585x800             | 1/3           |
| GW46467 | 800x1060            | 1/2           |

NOTES: to install devices, use nut and clips GW46450.

for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.



GW 46 408

### BACK-MOUNTING PLATES IN INSULATING MATERIAL FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

| Code    | For boards LxH (mm) | Pack / Carton |
|---------|---------------------|---------------|
| GW46408 | 250x300             | 1/5           |
| GW46409 | 310x425             | 1/5           |
| GW46410 | 405x500             | 1/5           |
| GW46411 | 405x650             | 1/4           |
| GW46412 | 515x650             | 1/3           |
| GW46413 | 585x800             | 1/2           |

NOTES: for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.

## SERVICE COMPLEMENTARY ITEMS



GW 46 451

### SET OF 4 STEEL BRACKETS FOR FIXING SURFACE-MOUNTING BOARDS

| Code    | Material         | Accessories supplied       | Pack / Carton |
|---------|------------------|----------------------------|---------------|
| GW46446 | Galvanised steel | Self-tapping fixing screws | 20            |
| GW46451 | Stainless steel  | Self-tapping fixing screws | 20            |

CHARACTERISTICS: To restore the double insulation and original IP degree of the boards in case of indirect fixing to the wall. Suitable also for 46QP photovoltaic application.



GW 46 445

### SECURITY LOCK WITH HANDLE

| Code    | Description                  | Pack / Carton |
|---------|------------------------------|---------------|
| GW46445 | Security lock key and handle | 10            |

**APPLICATIONS:** for boards 46QP, QX, QM e CEP.

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.



GW 46 447

### DOCUMENT HOLDER POCKET IN SELF-ADHESIVE INSULATING MATERIAL WITH KIT OF BLANK LABELS

| Code    | Dimensions LxH (mm) | Pack / Carton |
|---------|---------------------|---------------|
| GW46447 | 230x310             | 1/10          |

**CHARACTERISTICS:** can be inserted in all GEWISS enclosures from dimension 405x500x200 mm upwards.



GW 44 693

### TWO-POLE DISTRIBUTION TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER FIXING ON PLATE OR DIN RAIL EN 50022 - 750V - T 85°C

| Code                          | Outer dim. LxHxD (mm) | No. of modules EN 50022 | Input connecting capacity | Output connecting capacity                          | Icw (1s) | Pack / Carton |
|-------------------------------|-----------------------|-------------------------|---------------------------|---|----------|---------------|
| <b>Rated current (A): 100</b> |                       |                         |                           |   |          |               |
| GW44691DY                     | 70x49x50              | 4                       | 1x(6-35) mm <sup>2</sup>  | [1x(4-25) + 5x(1.5-10)] mm <sup>2</sup>             | 6 kA     | 1/40          |
| <b>Rated current (A): 125</b> |                       |                         |                           |   |          |               |
| GW44693                       | 141x49x50             | 8                       | 1x(6-35) mm <sup>2</sup>  | [2x(4-25) + 2x(4-16) + 10x(1.5-10)] mm <sup>2</sup> | 6 kA     | 1/12          |

**CHARACTERISTICS:** the indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".

**NOTES:** products bearing the IMQ quality mark.



GW 44 696

### FOUR-POLE DISTRIBUTION TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER. FIXING ON PLATE OR DIN RAIL EN 50022 - 750V - T 85°C

| Code                          | Outer dim. LxHxD (mm) | No. of modules EN 50022 | Input connecting capacity | Output connecting capacity                          | Icw (1s) | Pack / Carton |
|-------------------------------|-----------------------|-------------------------|---------------------------|---|----------|---------------|
| <b>Rated current (A): 100</b> |                       |                         |                           |   |          |               |
| GW44696DY                     | 70x88.5x50            | 4                       | 1x(6-35) mm <sup>2</sup>  | [1x(4-25) + 5x(1.5-10)] mm <sup>2</sup>             | 6 kA     | 1/20          |
| <b>Rated current (A): 125</b> |                       |                         |                           |   |          |               |
| GW44698                       | 141x88.5x50           | 8                       | 1x(6-35) mm <sup>2</sup>  | [2x(4-25) + 2x(4-16) + 10x(1.5-10)] mm <sup>2</sup> | 6 kA     | 1/10          |
| <b>Rated current (A): 160</b> |                       |                         |                           |   |          |               |
| GW44699                       | 185x135x75            | 10                      | 1x(16-50) mm <sup>2</sup> | [2x(10-35) + 2x(6-25) + 8x(4-16)] mm <sup>2</sup>   | 10 kA    | 1/12          |

**CHARACTERISTICS:** terminal tightening torque: input cables 4 Nm, output cables 1.5 Nm.

the indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".

**NOTES:** products bearing the IMQ quality mark.

## 44 CEP - WATERTIGHT BOARDS IN GWPLAST 120 - GWT 650 °C - IP55



IK  
08

IP  
55

GWT  
650°C



### DISTRIBUTION BOARDS

#### WATERTIGHT BOARDS WITH BLANK DOOR FITTED WITH LOCK - GREY RAL 7035



| Code    | Outer dim. LxHxD (mm) | No. of modules EN 50022 | No. locks | Dispersible power A (W) | Dispersible power B (W) | Pack / Carton |
|---------|-----------------------|-------------------------|-----------|-------------------------|-------------------------|---------------|
| GW44808 | 200x254x135           | -                       | 1         | 16                      | 17                      | 4             |
| GW44809 | 236x316x135           | 8                       | 1         | 26                      | 31                      | 4             |
| GW44810 | 316x396x160           | 24 (12X2)               | 2         | 42                      | 34                      | 2             |
| GW44811 | 396x474x160           | 32 (16X2)               | 2         | 52                      | 46                      | 2             |

**CHARACTERISTICS:** Doors equipped with functional grid of reference for fixing the devices. Impact resistance: 5 J.

**ACCESSORIES SUPPLIED:** frame for semi-flush-mounting installations, screwcap for double insulation, triangle key.

**NOTES:** The technical and functional characteristics, and the nominal values, refer to vertical installation only.

Dispersible power calculated according to CEI 23-49:

Dispersible power A (W): configuration of the board with relative back-mounting plate.

Dispersible power B (W): configuration of the board with relative panel with windows.



GW 44 810

#### WATERTIGHT BOARDS WITH TRANSPARENT DOOR FITTED WITH LOCK - GREY RAL 7035



| Code    | Outer dim. LxHxD (mm) | No. of modules EN 50022 | No. locks | Dispersible power A (W) | Dispersible power B (W) | Pack / Carton |
|---------|-----------------------|-------------------------|-----------|-------------------------|-------------------------|---------------|
| GW44818 | 200x254x135           | -                       | 1         | 16                      | 17                      | 4             |
| GW44819 | 236x316x135           | 8                       | 1         | 26                      | 31                      | 4             |
| GW44820 | 316x396x160           | 24 (12X2)               | 2         | 42                      | 34                      | 2             |
| GW44821 | 396x474x160           | 32 (16X2)               | 2         | 52                      | 46                      | 2             |

**CHARACTERISTICS:** Doors equipped with functional grid of reference for fixing the devices. Impact resistance: 5 J.

**ACCESSORIES SUPPLIED:** frame for semi-flush-mounting installations, screwcap for double insulation, triangle key.

**NOTES:** The technical and functional characteristics, and the nominal values, refer to vertical installation only.

Dispersible power calculated according to CEI 23-49:

Dispersible power A (W): configuration of the board with relative back-mounting plate.

Dispersible power B (W): configuration of the board with relative panel with windows.



GW 44 820

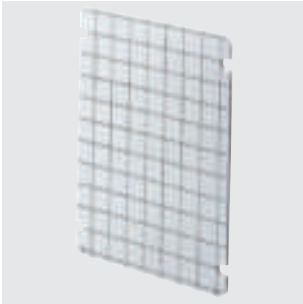
### INTERNAL CONFIGURATION

#### BACK-MOUNTING PLATE IN GALVANISED STEEL WITH SELF-TAPPING FIXING SCREWS

| Code    | For boards LxH (mm) | Pack / Carton |
|---------|---------------------|---------------|
| GW44636 | 200x254             | 20            |
| GW44637 | 236x316             | 20            |
| GW44638 | 316x396             | 5             |
| GW44639 | 396x474             | 5             |



GW 44 639



GW 44 649

**BACK-MOUNTING PLATE IN INSULATED MATERIAL WITH SELF-TAPPING FIXING SCREWS**

| Code    | For boards LxH (mm) | Pack / Carton |
|---------|---------------------|---------------|
| GW44646 | 200x254             | 20            |
| GW44647 | 236x316             | 20            |
| GW44648 | 316x396             | 4             |
| GW44649 | 396x474             | 5             |

**CHARACTERISTICS:** equipped with functional grid for fixing devices.



GW 44 854

**PANELS WITH WINDOW FOR MODULAR DEVICES AND MOULDED-CASE CIRCUIT BREAKERS IN FIXED POSITION EXECUTION, UP TO 160 A COUPLING - GREY RAL 7035**

| Code    | No. of modules EN 50022 | For boards LxH (mm) | Suitable for           | Pack / Carton |
|---------|-------------------------|---------------------|------------------------|---------------|
| GW44852 | 8                       | 236x316             | Moulded case max 125 A | 8             |
| GW44853 | 14                      | 316x396             | Moulded case max 160 A | 8             |
| GW44854 | 24 (12X2)               | 316x396             | Moulded case max 125 A | 8             |
| GW44855 | 32 (16X2)               | 396x474             | Moulded case max 160 A | 8             |

**ACCESSORIES SUPPLIED:** fixing uprights and DIN rails, module masks, user labels.

**SERVICE COMPLEMENTARY ITEMS**

GW 46 445

**SECURITY LOCK WITH HANDLE**

| Code    | Description                  | Pack / Carton |
|---------|------------------------------|---------------|
| GW46445 | Security lock key and handle | 10            |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.



46



Scan the QR Code and find out all the technical informations.

46 QP - NEW STYLE AND PERFORMANCE



The 46 QP polyester boards feature an IP66 protection rating, and the modern-design transparent door versions offer more than 20% extra internal visibility than previous versions.

46 QP - SOLUTIONS FOR EVERY APPLICATION



GEWISS has subjected the 46 QP boards to rigorous testing in order to obtain valid certifications for their use in various applications. 46 QP boards are, for example, ASC approved and certified for site applications and are ideal for photovoltaic installations.

FAST & EASY - ROBUSTNESS, SPEED AND MULTIPLE ACCESSORY OPTIONS



The FAST & EASY system, common to the 46 QP/QM/QX boards, reduces assembly time by up to 40% compared to traditional systems. Robustness and reliability are achieved through the use of metal components and via a rapid and intuitive usage.

# 40 CD

## Surface-mounting distribution boards and enclosures

The 40CD Series of control units, available in transparent or blind door versions and in sizes from 8 to 72 modules, guarantees aesthetic integration with all types of furniture. The offer includes: 40CDK - IP65 watertight panels with removable frame (from 24M) and lead-in panels; accessories with wiring ducts, locks, aesthetic covers and blind panels; 40CD - IP55 watertight control units with drilling doilies on the walls, door with lock for each modular row; 40CD control units protected by Furniture - IP40 up to 72M in the smoke and blind door versions; 40CD control units without door - IP40. All materials are Halogen Free.



## 40 CDK - MODULAR WATERTIGHT ENCLOSURES AND DISTRIBUTION BOARDS - IP65



IK  
09

IP  
65

GWT  
650°C



### SMOKED TRANSPARENT DOOR - SMOOTH WALLS



GW 40 101

#### ENCLOSURES - PREDISPOSED FOR TERMINAL BLOCK - GREY RAL 7035



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40101 | 4                       | 143x210x100           | 13                    | 19            |
| GW40102 | 8                       | 215x210x100           | 16                    | 12            |
| GW40103 | 12                      | 298x260x140           | 26                    | 6             |
| GW40106 | 18                      | 410x285x140           | 38                    | 3             |

**ACCESSORIES SUPPLIED:** screwcaps and module masks, circuit labels. GW40102, GW40103 and GW40106, self-adhesive label to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.

**CHARACTERISTICS:** Thermo-pressure with ball equal to 70°C.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

#### ENCLOSURES - EQUIPPED WITH 80 A IP20 BIPOLAR SCREW TERMINAL BLOCK - GREY RAL 7035



| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------|
| GW40102BS | 8                       | 215x210x100           | 16                    | N/E (2x16) + (7x10)       | N/E (2x16) + (7x10)       | 12            |
| GW40103BS | 12                      | 298x260x140           | 26                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 6             |
| GW40106BS | 18                      | 410x285x140           | 38                    | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | 3             |

**ACCESSORIES SUPPLIED:** screwcaps and module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621). For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.

**CHARACTERISTICS:** thermo-pressure with ball equal to 70°C.



GW 40 102 BS





GW 40 105

### DISTRIBUTION BOARDS WITH PANELS WITH WINDOW AND EXTRACTABLE FRAME PREDISPOSED FOR TERMINAL BLOCK - GREY RAL 7035



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40104 | 24 (12x2)               | 298x420x140           | 32                    | 3             |
| GW40107 | 36 (18x2)               | 410x463x140           | 43                    | 2             |
| GW40108 | 54 (18x3)               | 410x655x140           | 66                    | 1             |

**ACCESSORIES SUPPLIED:** screwcaps and module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.

**CHARACTERISTICS:** removable and plumbable panels with windows. Thermo-pressure with ball equal to 70°C.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



GW 40 105 BD

### DISTRIBUTION BOARDS WITH WINDOWED REMOVABLE PANELS, EXTRACTABLE FRAME EQUIPPED WITH 80 A IP20 BIPOLAR SCREW TERMINAL BLOCKS - GREY RAL 7035



| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------|
| GW40104BS | 24 (12x2)               | 298x420x140           | 32                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 3             |
| GW40104BD | 24 (12x2)               | 298x420x140           | 32                    | N/E 2x[(3x16) + (11x10)]  | N/E 2x[(3x16) + (11x10)]  | 3             |
| GW40105BD | 36 (12x3)               | 298x570x140           | 42                    | N/E 2x[(3x16) + (11x10)]  | N/E 2x[(3x16) + (11x10)]  | 2             |
| GW40105UD | 36 (12x3)               | 298x570x140           | 42                    | N/E (3x16) + (29x10)      | N/E (3x16) + (29x10)      | 2             |
| GW40107BS | 36 (18x2)               | 410x463x140           | 43                    | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | 2             |
| GW40107BD | 36 (18x2)               | 410x463x140           | 43                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 2             |
| GW40108BD | 54 (18x3)               | 410x655x140           | 66                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 1             |
| GW40108BT | 54 (18x3)               | 410x655x140           | 66                    | N/E 3x[(3x16) + (17x10)]  | N/E 3x[(3x16) + (17x10)]  | 1             |
| GW40109BD | 72 (18x4)               | 410x878x160           | 89                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 1             |
| GW40109BQ | 72 (18x4)               | 410x878x160           | 89                    | N/E 4x[(3x16) + (17x10)]  | N/E 4x[(3x16) + (17x10)]  | 1             |

**ACCESSORIES SUPPLIED:** screwcaps and module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621). For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.

**CHARACTERISTICS:** thermo-pressure with ball equal to 70°C.

## 40 CD - WATERTIGHT ENCLOSURES - IP55



**IK  
09**

**IP  
55**

**GWT  
650°C**



### SMOKED TRANSPARENT DOOR - WALLS WITH PERFORATION CENTRES



GW 40 001

#### ENCLOSURES PREDISPOSED FOR TERMINAL BLOCK - GREY RAL 7035



| Code           | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|----------------|-------------------------|-----------------------|-----------------------|---------------|
| <b>GW40001</b> | 4                       | 105x170x98            | 12                    | 24            |
| <b>GW40003</b> | 8                       | 180x180x98            | 13                    | 24            |
| <b>GW40005</b> | 12                      | 250x250x135           | 25                    | 8             |
| <b>GW40007</b> | 24 (12X2)               | 250x375x135           | 27                    | 6             |
| <b>GW40009</b> | 36 (18x2)               | 376x400x135           | 41                    | 4             |

**ACCESSORIES SUPPLIED:** screwcaps and module masks, circuit labels, spare screws in insulating material.

Self-adhesive label to be filled out for certification according to standard CEI 23-51.

GW40005, GW40007, GW40009: doors equipped with lock, with 2 triangular keys.

**NOTES:** Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.

**CHARACTERISTICS:** Thermo-pressure with ball equal to 70°C.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

## 40 CD - PROTECTED DECORATIVE ENCLOSURES - IP40



**IK  
08**

**IP  
40**

**GWT  
650°C**



### SMOKED TRANSPARENT DOOR - SMOOTH WALLS



GW 40 043

#### ENCLOSURES PREDISPOSED FOR TERMINAL BLOCK - WHITE RAL 9016



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40043 | 8                       | 200x180x100           | 15                    | 14            |
| GW40045 | 12                      | 280x225x100           | 22                    | 9             |
| GW40047 | 24 (12X2)               | 280x350x100           | 25                    | 6             |
| GW40049 | 36 (18x2)               | 400x400x130           | 45                    | 2             |

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40049, GW40051, GW40053, fitted with removable frame, to carry out the wiring operations outside the enclosure.

**NOTES:** Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).

**CHARACTERISTICS:** Thermo-pressure with ball equal to 70°C.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



GW 40 043 BS

#### ENCLOSURES EQUIPPED WITH 80 A IP20 BIPOLAR SCREW TERMINAL BLOCKS - WHITE RAL 9016

| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------|
| GW40043BS | 8                       | 200x180x100           | 15                    | N/E (2x16) + (7x10)       | N/E (2x16) + (7x10)       | 14            |
| GW40045BS | 12                      | 280x225x100           | 22                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 9             |
| GW40047BS | 24 (12X2)               | 280x350x100           | 25                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 6             |
| GW40047BD | 24 (12X2)               | 280x350x100           | 25                    | N/E 2x[(3x16) + (11x10)]  | N/E 2x[(3x16) + (11x10)]  | 6             |
| GW40049BS | 36 (18x2)               | 400x400x130           | 45                    | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | 2             |
| GW40049BD | 36 (18x2)               | 400x400x130           | 45                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 2             |
| GW40051BD | 54 (18x3)               | 400x550x130           | 63                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 2             |
| GW40053BD | 72 (18x4)               | 400x850x150           | 75                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 1             |
| GW40053BQ | 72 (18x4)               | 400x850x150           | 75                    | N/E 4x[(3x16) + (17x10)]  | N/E 4x[(3x16) + (17x10)]  | 1             |

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40049BS, GW40049BD, GW40051BD, GW40053BD, GW40053BQ, fitted with removable frame, to carry out the wiring operations outside the enclosure. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).

**CHARACTERISTICS:** thermo-pressure with ball equal to 70°C.

## BLANK DOOR - SMOOTH WALLS



GW 40 067

### ENCLOSURES PREDISPOSED FOR TERMINAL BLOCK - WHITE RAL 9016



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40063 | 8                       | 200x180x100           | 15                    | 14            |
| GW40065 | 12                      | 280x225x100           | 22                    | 9             |
| GW40067 | 24 (12X2)               | 280x350x100           | 25                    | 6             |
| GW40069 | 36 (18x2)               | 400x400x130           | 45                    | 2             |
| GW40071 | 54 (18x3)               | 400x550x130           | 63                    | 2             |
| GW40073 | 72 (18x4)               | 400x850x150           | 75                    | 1             |

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40069, GW40071, GW40073, fitted with removable frame, to carry out the wiring operations outside the enclosure.

**NOTES:** Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).

**CHARACTERISTICS:** thermo-pressure with ball equal to 70°C.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



GW 40 067 BD

### ENCLOSURES EQUIPPED WITH 80A IP20 BIPOLAR SCREW TERMINAL BLOCKS - WHITE RAL 9016

| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------|
| GW40063BS | 8                       | 200x180x100           | 15                    | N/E (2x16) + (7x10)       | N/E (2x16) + (7x10)       | 14            |
| GW40065BS | 12                      | 280x225x100           | 22                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 9             |
| GW40067BS | 24 (12X2)               | 280x350x100           | 25                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 6             |
| GW40067BD | 24 (12X2)               | 280x350x100           | 25                    | N/E 2x[(3x16) + (11x10)]  | N/E 2x[(3x16) + (11x10)]  | 6             |
| GW40069BS | 36 (18x2)               | 400x400x130           | 45                    | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | 2             |
| GW40069BD | 36 (18x2)               | 400x400x130           | 45                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 2             |
| GW40071BD | 54 (18x3)               | 400x550x130           | 63                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 2             |
| GW40073BD | 72 (18x4)               | 400x850x150           | 75                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 1             |
| GW40073BQ | 72 (18x4)               | 400x850x150           | 75                    | N/E 4x[(3x16) + (17x10)]  | N/E 4x[(3x16) + (17x10)]  | 1             |

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40069BS, GW40069BD, GW40071BD, GW40073BD, GW40073BQ fitted with removable frame, to carry out the wiring operations outside the enclosure. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame) before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).

**CHARACTERISTICS:** thermo-pressure with ball equal to 70°C.

## 40 CD - PROTECTED ENCLOSURES - IP40



**IK  
08**

**IP  
40**

**GWT  
650°C**



### WITHOUT DOOR - WALLS WITH PERFORATION CENTRES

#### ENCLOSURES PRE-ARRANGED FOR TERMINAL BLOCK - GREY RAL 7035



GW 40 022

| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40022 | 2                       | 45x130x85             | 7                     | 84            |
| GW40023 | 4                       | 90x130x85             | 9                     | 36            |
| GW40024 | 6                       | 140x155x85            | 14                    | 34            |
| GW40026 | 8                       | 180x180x95            | 18                    | 24            |
| GW40028 | 12+1                    | 250x215x95            | 27                    | 12            |
| GW40030 | 24+2 (12x2)             | 250x340x95            | 40                    | 12            |
| GW40032 | 36+3 (12x3)             | 250x465x95            | 54                    | 9             |

**CHARACTERISTICS:** Thermo-pressure with ball equal to 70°C. GW40022 plumbable front.

**ACCESSORIES SUPPLIED:** module masks, circuit labels.

GW40026, GW40028, GW40030, GW40032 supplied with self-adhesive label to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting). To maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screwcaps or wall mounting brackets).

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

## COMPLEMENTARY ITEMS

### WIRING



GW 40 412 B

#### INSULATED SCREW TERMINAL BLOCK BIPOLAR AND UNIPOLAR FOR ENCLOSURES AND BOARDS

| Code  | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Fastener to supports    | Pack / Carton |
|---|---------------------------|---------------------------|-------------------------|---------------|
| <b>Type: Bipolar - Rated current 125 A</b>        |                           |                           |                         |               |
| GW40401   | N (1x35) + (7x10)         | E (1x35) + (7x10)         | With screws             | 10            |
| GW40402   | N (3x35) + (10x10)        | E (3x35) + (10x10)        | With screws and/or clip | 10            |
| GW40404   | N (5x35) + (14x10)        | E (5x35) + (14x10)        | With screws and/or clip | 10            |
| <b>Type: Bipolar - Rated current 80 A - IP20</b>  |                           |                           |                         |               |
| GW40408B  | N/E (2x16) + (7x10)       | N/E (2x16) + (7x10)       | With screws             | 1/10          |
| GW40412B  | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | With screws and/or clip | 1/10          |
| GW40418B  | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | With screws and/or clip | 1/10          |
| <b>Type: Unipolar - Rated current 80 A - IP20</b> |                           |                           |                         |               |
| GW40408U  | N/E (2x16) + (7x10)       | -                         | With screws             | 1/10          |
| GW40412U  | N/E (3x16) + (11x10)      | -                         | With screws and/or clip | 1/10          |
| GW40422U  | N/E (3x16) + (29x10)      | -                         | With screws and/or clip | 1/10          |
| GW40418U  | N/E (3x16) + (17x10)      | -                         | With screws and/or clip | 1/10          |

**ACCESSORIES SUPPLIED:** fixing screws. The 80 A terminal blocks are equipped with N and E labels to be placed on the respective spaces to identify the poles.

**USES:** Ideal also for earth connection of SPD.

**CHARACTERISTICS:** GWT 960°C according to EN60695-2-11.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

### MISCELLANEOUS



GW 40 422

#### CYLINDRICAL SECURITY LOCK - FOR 40 CDK AND 40 CD DECORATIVE ENCLOSURES

| Code    | Material                | Pack / Carton |
|---------|-------------------------|---------------|
| GW40422 | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.



40 CD



Scan the QR Code and find out all the technical informations.

40 CDK - WATERTIGHT ENCLOSURES AND DISTRIBUTION BOARDS



IP65 40 CDK 4 to 72M watertight enclosure range in smoked transparent door version. The main technical features are: reversible bottoms and fronts, removable windowed frames and panels, and doors that open up to 180°, are removable and can be fitted with a lock.

40 CD - DECORATIVE PROTECTED ENCLOSURES



The IP40-rated 40 CD protected decorative enclosures are available in sizes from 8 to 72M and ensure seamless aesthetic integration with any interior design scheme. Available with smoked transparent or white blank doors, feature the PUSH opening and closing system.

ONE-POLE AND TWO-POLE TERMINAL BLOCKS - 80 A - IP20



Available with screw wiring, the two-pole and single-pole terminal blocks enable quick wiring as the cable screws are supplied unscrewed. The terminal blocks can be fixed directly on the back plate of the enclosures or with specific adapter.

# 40 CDE

## Enclosures and distribution boards for country-specific standards

The range of enclosures and distribution boards for specific country standards: 40 CD French standard enclosures (IP30), also including VDI multimedia enclosures (Grade 1, Grade 2 and Grade 3); 40 CDKE German standard enclosures - IP65 watertight with flanges for quick cable insertion, and 40CDE German standard enclosures - IP40 for home use, either surface-mounted or flush-mounted in masonry or plasterboard. The range is completed by the 40 CDE Spanish standard enclosures - IP40 with smoked transparent doors.



## 40 CDKE - GERMAN STANDARD SURFACE-MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS

### ENCLOSURES WITH SMOKED TRANSPARENT DOOR - IP65



GW 40 101

#### ENCLOSURES AND DISTRIBUTION BOARDS FITTED WITH BIPOLAR 125 A TERMINAL BLOCKS

| Code           | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|----------------|-------------------------|-----------------------|---------------------------|---------------------------|---------------|
| <b>GW40112</b> | 8                       | 215x210x100           | N (1x25) + (7x10)         | E (1x25) + (7x10)         | 1/12          |

#### DISTRIBUTION BOARDS AND ENCLOSURES EQUIPPED WITH BIPOLAR 125 A TERMINAL BLOCKS AND TWO INTERCHANGEABLE FLANGES (2 FLANGES WITH KNOCKOUTS HOLE) - GREY RAL 7035

| Code           | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|----------------|-------------------------|-----------------------|---------------------------|---------------------------|---------------|
| <b>GW40113</b> | 12                      | 298x260x140           | N (3x35) + (10x10)        | E (3x35) + (10x10)        | 6             |
| <b>GW40114</b> | 24 (12x2)               | 298x420x140           | N (3x35) + (10x10)        | E (3x35) + (10x10)        | 3             |
| <b>GW40115</b> | 36 (12x3)               | 298x570x140           | N (6x35)+(20x10)          | E (6x35)+(20x10)          | 2             |

**CHARACTERISTICS:** the flanges with knockout holes have the following inputs: 4xM16; 4xM20; 3xM25; 1xM32; Glow Wire Test: 750°C

**ACCESSORIES SUPPLIED:** terminal block, screwcaps and module masks for double insulation, circuit labels.

To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).



GW 40 113

#### DISTRIBUTION BOARDS AND ENCLOSURES EQUIPPED WITH BIPOLAR 125 A TERMINAL BLOCKS AND TWO INTERCHANGEABLE FLANGES (1 FLANGE WITH KNOCKOUTS HOLE + 1 FLANGE WITH QUICK ENTRY CABLE GLANDS) - GREY RAL 7035

| Code           | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|----------------|-------------------------|-----------------------|---------------------------|---------------------------|---------------|
| <b>GW40123</b> | 12                      | 298x260x140           | N (3x35) + (10x10)        | E (3x35) + (10x10)        | 6             |
| <b>GW40124</b> | 24 (12x2)               | 298x420x140           | N (3x35) + (10x10)        | E (3x35) + (10x10)        | 3             |
| <b>GW40125</b> | 36 (12x3)               | 298x570x140           | N (6x35)+(20x10)          | E (6x35)+(20x10)          | 2             |

**CHARACTERISTICS:** the flanges with knockout holes have the following inputs: 4xM16; 4xM20; 3xM25; 1xM32; Glow Wire Test: 750°C

**ACCESSORIES SUPPLIED:** terminal block, screwcaps and module masks for double insulation, circuit labels.

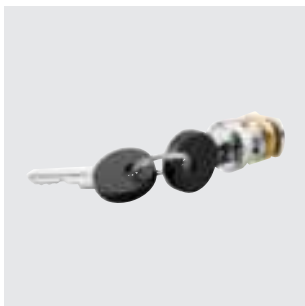
To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).



GW 40 124



## COMPLEMENTARY ITEMS



GW 40 422

### CYLINDRICAL SECURITY LOCK - FOR 40 CDKE ENCLOSURES

| Code    | Material                | Pack / Carton |
|---------|-------------------------|---------------|
| GW40422 | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.

## 40 CDE - GERMAN STANDARD SURFACE-MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS

### 40 CDE IP30 WITH TERMINAL BLOCK



GW 43 022 S

### SURFACE-MOUNTING SMALL DISTRIBUTION BOARDS - WHITE RAL 9016

| Code     | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Pack / Carton |
|----------|-------------------------|-----------------------|---------------|
| GW43021S | 12                      | 300x245x95            | 1             |
| GW43022S | 24 (12x2)               | 300x370x95            | 1             |
| GW43023S | 36 (12x3)               | 300x515x95            | 1             |
| GW43024S | 48 (12x4)               | 300x640x95            | 1             |

## COMPLEMENTARY ITEMS



GW 43 071 S

### BLANK DOORS FOR SURFACE-MOUNTING SMALL DISTRIBUTION BOARDS - WHITE RAL 9016

| Code     | No. of modules EN 50022 | Colour         | Pack / Carton |
|----------|-------------------------|----------------|---------------|
| GW43071S | 12                      | White RAL 9016 | 1/4           |
| GW43072S | 24 (12x2)               | White RAL 9016 | 1/6           |
| GW43073S | 36 (12x3)               | White RAL 9016 | 1/2           |
| GW43074S | 48 (12x4)               | White RAL 9016 | 1/2           |

## 40 CDE - GERMAN STANDARD FLUSH-MOUNTING DISTRIBUTION BOARDS

### METAL DOOR DISTRIBUTION BOARDS - IP40



GW 40 153 N

#### DISTRIBUTION BOARDS FOR BRICK WALLS EQUIPPED WITH BIPOLAR TERMINAL BLOCKS - RAL 9016

| Code     | No. of modules EN 50022 | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Dispersible power (W) | Pack / Carton |
|----------|-------------------------|---------------------------|---------------------------|-----------------------|---------------|
| GW40151N | 12+2                    | N (2x16)+(8x10)           | PE (2x16)+(8x10)          | 60                    | 1             |
| GW40152N | 24+4 (12x2)             | N (2x16)+(14x10)          | PE (2x16)+(14x10)         | 80                    | 1             |
| GW40153N | 36+6 (12x3)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 90                    | 1             |
| GW40154N | 48+8 (12x4)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 100                   | 1             |
| GW40155N | 60+10 (12x5)            | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 120                   | 1             |

**Accessories supplied:** positioning brackets, mortar guard, certification label, modules cover, terminal blocks.

**Notes:** extractable frame already installed.

#### DISTRIBUTION BOARDS FOR PLASTERBOARD (GWT 850 °C) WALLS EQUIPPED WITH BIPOLAR TERMINAL BLOCKS - RAL 9016

| Code     | No. of modules EN 50022 | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Dispersible power (W) | Pack / Carton |
|----------|-------------------------|---------------------------|---------------------------|-----------------------|---------------|
| GW40161N | 12+2                    | N (2x16)+(8x10)           | PE (2x16)+(8x10)          | 60                    | 1             |
| GW40162N | 24+4 (12x2)             | N (2x16)+(14x10)          | PE (2x16)+(14x10)         | 80                    | 1             |
| GW40163N | 36+6 (12x3)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 90                    | 1             |
| GW40164N | 48+8 (12x4)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 100                   | 1             |
| GW40165N | 60+10 (12x5)            | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 120                   | 1             |

**Accessories supplied:** installation brackets, plaster guard, certification label, modules cover, terminal blocks.

**Notes:** extractable frame already installed.



GW 40 161 N

### METAL DOOR MULTIMEDIA ENCLOSURE - IP40



GW 40 173 N

#### MULTIMEDIA ENCLOSURES FOR BRICK WALLS - RAL 9016

| Code     | No. line | Pack / Carton |
|----------|----------|---------------|
| GW40173N | 3        | 1             |
| GW40174N | 4        | 1             |

**Accessories supplied:** positioning brackets, mortar guard, 1x multimedia device bracket, 2x Schuko socket, 2x supports, 1x Dahlia plate

**Notes:** perforated mounting plates and patch panel already installed.

#### MULTIMEDIA ENCLOSURES FOR PLASTERBOARD (GWT 850 °C) WALLS - RAL 9016

| Code     | No. line | Pack / Carton |
|----------|----------|---------------|
| GW40178N | 3        | 1             |
| GW40179N | 4        | 1             |

**Accessories supplied:** installation brackets, plaster guard, 1x multimedia device bracket, 2x Schuko socket, 2x supports, 1x Dahlia plate

**Notes:** perforated mounting plates and patch panel already installed.



GW 40 178 N

## COMPLEMENTARY ITEMS



GW 40 454 N

### TERMINAL BLOCKS

| Code     | Description   | Pack / Carton |
|----------|---|---------------|
| GW40454N | N+PE terminal block (2x16 mm <sup>2</sup> + 14x10 mm <sup>2</sup> ) | 1             |
| GW40455N | Terminal block N (7x16mm <sup>2</sup> )                             | 1             |



GW 40 467

### ACCESSORIES

| Code     | Description   | Pack / Carton |
|----------|---|---------------|
| GW40461N | Pair of brackets for horizontal coupling                  | 1             |
| GW40463N | Safety lock for German standard flush-mounting enclosures | 1             |
| GW40467  | Plastic module cover profile                              | 50            |

## 40 CDE - FRENCH STANDARD MODULAR SURFACE-MOUNTING ENCLOSURES

### ENCLOSURES WITHOUT DOOR - IP30



GW 40 501

### ENCLOSURES EQUIPPED WITH MULTIPOLAR TERMINAL BLOCKS - WALLS WITH KNOCKOUT ELEMENTS - WHITE RAL 9016

| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Phase terminal block (mm <sup>2</sup> ) | Neutral terminal block (mm <sup>2</sup> ) | Earth terminal block (mm <sup>2</sup> ) | Pack / Carton |
|---------|-------------------------|-----------------------|---|---|---|---------------|
| GW40501 | 13                      | 250x225x93.5          | -                                       | -   | E(3x25)+(12x4)                          | 8             |
| GW40502 | 26 (13x2)               | 250x350x93.5          | L(1x35)+(5x25)                          | N(1x35)+(5x25)                            | E(4x25)+(24x4)                          | 4             |
| GW40503 | 39 (13x3)               | 250x475x93.5          | L(1x35)+(5x25)                          | N(1x35)+(5x25)                            | E(7x25)+(36x4)                          | 4             |
| GW40504 | 52 (13x4)               | 250x600x93.5          | L(1x35)+(5x25)                          | N(1x35)+(5x25)                            | E(8x25)+(48x4)                          | 2             |

**ACCESSORIES SUPPLIED:** terminal blocks, module masks, circuit labels with self-adhesive pictograms, instruction sheet.

**NOTES:** earth terminal blocks with Push-Wire technology.

To restore the double insulation, use the relative accessories (module masks and screwcaps)

### SUPPORT BASES FOR TARIF BLEU CONNECTING SWITCH



GW 40 512

### SUPPORT BASES WITHOUT DOOR FOR EDF CONNECTION SWITCH - PLUMBABLE WHITE RAL 9016

| Code    | Depth | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------|-----------------------|---------------|
| GW40511 | 40 mm | 250x225x43.5          | 4             |
| GW40512 | 55 mm | 250x225x58.5          | 3             |

**ACCESSORIES SUPPLIED:** fixing screws for the circuit breaker, screwcaps for sealing.

## COMPLEMENTARY ITEMS



GW 40 531

### BLANK DOOR WITH FRAME FOR FINISHING FRENCH STANDARD MODULAR ENCLOSURES WITHOUT DOOR WHITE RAL 9016 - IP40

| Code    | For enclosures  | Pack / Carton |
|---------|-----------------|---------------|
| GW40531 | 13 mod.- 1 row  | 8             |
| GW40532 | 26 mod.- 2 rows | 4             |
| GW40533 | 39 mod.- 3 rows | 4             |
| GW40534 | 52 mod.- 4 rows | 2             |

**CHARACTERISTICS:** pre-arranged for housing the GW40422 cylinder security locks

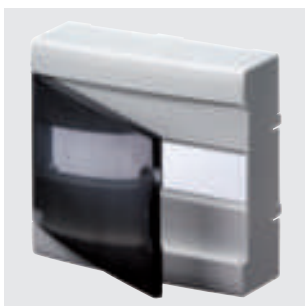


GW 40 536

### TRANSPARENT SMOKED DOOR WITH FRAME FOR FINISHING FRENCH STANDARD MODULAR ENCLOSURES WITHOUT DOOR - WHITE RAL 9016 - IP40

| Code    | For enclosures  | Pack / Carton |
|---------|-----------------|---------------|
| GW40536 | 13 mod.- 1 row  | 8             |
| GW40537 | 26 mod.- 2 rows | 4             |
| GW40538 | 39 mod.- 3 rows | 4             |
| GW40539 | 52 mod.- 4 rows | 2             |

**CHARACTERISTICS:** pre-arranged for housing the GW40422 cylinder security locks

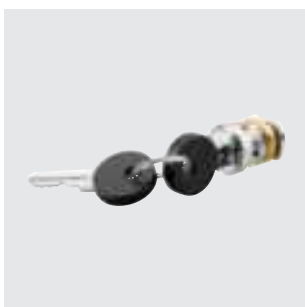


GW 40 542

### DOOR WITH FRAME FOR FINISHING SUPPORT BASES - CLIP FIXING WHITE RAL 9016 - IP40

| Code    | Outer dim. LxHxD (mm) | Door colour        | Pack / Carton |
|---------|-----------------------|--------------------|---------------|
| GW40541 | 250x225               | White RAL 9016     | 4             |
| GW40542 | 250x225               | Smoked Transparent | 4             |

**CHARACTERISTICS:** pre-arranged for housing the GW40422 cylinder security locks.



GW 40 422

### CYLINDRICAL SECURITY LOCK - FOR 40 CDE (FRENCH STANDARD) ENCLOSURES

| Code    | Material                | Pack / Carton |
|---------|-------------------------|---------------|
| GW40422 | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.

## VDI COMMUNICATION BOXES



GW 40 506

### GRADE 1 ENCLOSURES - TV DISTRIBUTION OVER COAXIAL CABLE - WHITE RAL 9016

| Code    | DTI/DTIo    | xDSL filter   | Number and type RJ 45 | TV outputs TNT-SAT | Brassage | Max capacity | Pack / Carton |
|---------|-------------|---------------|-----------------------|--------------------|----------|--------------|---------------|
| GW40506 | 1 DTI RJ 45 | 4 TEL + 1 DSL | 4 Cat. 5e UTP         | 4 coaxial F-type   | Internal | 8 RJ 45      | 4             |

**SUPPLIES:** FR95202: box supplied in illustrated packaging. 1 RJ45 Test DTI with integrated RC module. 1 xDSL master filter with 4 telephone outputs and 1 box output. 1 5-2500 MHz coaxial TV-SAT splitter with 4 outputs. 1 Patch panel with 8 RJ45 slots. RJ45 Cat.5 e UTP connectors for tool-free wiring. GW40506 = 4 connectors; FR95202 = 6 connectors. 1 Set of RJ45 patch cords. 1 Earthing terminal block. 1 Free space on DIN rail for optical DTI.

**DIMENSIONS:** WxHxD = 250x225x112 mm.

**NOTES:** special renovation enclosures, for homes with planning permission submitted before 01/09/2016.



GW 40 508 DT

### COFFRETS GRADE 2 TV - DISTRIBUTION TV SUR RJ 45 - BLANC RAL 9016

| Code      | DTI/DTIo    | xDSL filter   | Number and type RJ 45 | TV outputs TNT-SAT | Brassage | Max capacity | Pack / Carton |
|-----------|-------------|---------------|-----------------------|--------------------|----------|--------------|---------------|
| GW40508ST | 1 DTI RJ 45 | -             | 4 Cat. 6 STP          | 1 RJ 45            | Internal | 7 RJ 45      | 1/5           |
| GW40508DT | 1 DTI RJ 45 | 1 TEL + 1 DSL | 4 Cat. 6 STP          | 2 RJ 45            | Internal | 8 RJ 45      | 1/5           |

**APPLICATION:** tout média Télévision-Téléphone-Internet sur prises RJ 45; Tout logement, neuf et rénovation.

#### FOURNITURES:

##### GW40508ST:

- 1 DTI Test RJ45 avec module RC intégré.
- 1 Panneau de brassage à 8 emplacements RJ45.
- 4 Connecteurs RJ 45 Cat.6 STP Grade 2 TV à câblage sans outil.
- 1 Cordon de liaison DTI vers RJ 45.
- 1 Connecteur coaxial Type F mâle/mâle.
- 1 Cordon Balun coaxial Type F/Sortie RJ 45.
- 1 Bornier câblé de mise à la terre.
- 1 Emplacement libre sur rail DIN pour le DTI optique.

##### GW40508DT:

- 1 DTI Test RJ45 avec module RC intégré.
- 1 Panneau de brassage à 8 emplacements RJ45.
- 4 Connecteurs RJ 45 Cat.6 STP Grade 2 TV à câblage sans outil.
- 1 Filtre maître 1 sortie téléphone et 1 sortie xDSL.
- 1 Répartiteur TNT-SAT passif 5 - 2400 MHz 2 sorties RJ 45.
- 1 jeu de cordons de raccordement RJ45.
- 1 Bornier câblé de mise à la terre.
- 1 Emplacement libre sur rail DIN pour le DTI optique.

**DIMENSIONS:** LxHxP = 250x225x112 mm.

**REMARQUES:** selon NF C 15-100/A5 Titre 11; Arrêté "Réseaux de communication" du 03/08/2016; Guide XP C 90-483.



GW 40 509 QT

### COFFRETS GRADE 2 TV - DISTRIBUTION TV SUR RJ 45 - BLANC RAL 9016

| Code      | DTI/DTIo    | xDSL filter   | Number and type RJ 45 | TV outputs TNT-SAT | Brassage | Max capacity | Pack / Carton |
|-----------|-------------|---------------|-----------------------|--------------------|----------|--------------|---------------|
| GW40509DT | 1 DTI RJ 45 | 1 TEL + 1 DSL | 4 Cat. 6A STP         | 2 RJ 45            | External | 12 RJ 45     | 1/2           |
| GW40509QT | 1 DTI RJ 45 | 1 TEL + 1 DSL | 8 Cat. 6A STP         | 4 amplified RJ 45  | External | 12 RJ 45     | 1/2           |

**APPLICATION:** all Television-Telephone-Internet media on RJ 45 sockets; All housing, new and renovation.

#### SUPPLIES:

##### GW40508ST:

- 1 DTI Test RJ45 with integrated RC module.
- 1 Patch panel with 8 RJ45 slots.
- 4 RJ 45 Cat.6 STP Grade 2 TV connectors for tool-free wiring.
- 1 DTI to RJ 45 link cable. 1 Type F male/male coaxial connector.
- 1 Type F coaxial Balun cable/RJ 45 output.
- 1 Wired earth terminal block.
- 1 Free DIN rail slot for optical DTI.

##### GW40508DT:

- 1 RJ45 DTI Test with integrated RC module.
- 1 Patch panel with 8 RJ45 slots.
- 4 RJ45 Cat.6 STP Grade 2 TV connectors for tool-free wiring.
- 1 Master filter with 1 telephone and 1 xDSL output.
- 1 Passive DTT-SAT splitter 5 - 2400 MHz with 2 RJ45 outputs.
- 1 Set of RJ45 patch cords.
- 1 Wired earth terminal block.
- 1 Free space on DIN rail for optical DTI.

**DIMENSIONS:** WxHxD = 250x225x112 mm.

**NOTES:** in accordance with NF C 15-100/A5 Titre 11; Arrêté "Réseaux de communication" du 03/08/2016; Guide XP C 90-483.



GW 40 510

## INTERNET BOX ADJOINING ZONE - WHITE RAL 9016

| Code    | Description                                     | Dimensions support plate | Pack / Carton |
|---------|---|--------------------------|---------------|
| GW40510 | Versatile and scalable support for internet box | HxL = 365x250mm          | 1/5           |

**APPLICATION:** installation of the Box close to the communication box, distribution of all Box signals to the RJ45 sockets in the home.

**SUPPLIES:**

1 Reversible Box support plate, for vertical or horizontal installation, shelf style.

1 Removable socket block with 6 pre-cut 45x45 slots.

1 Box retaining clamp.

1 2P+T 16A 230V socket on faceplate 45x45.

1 Cable outlet on faceplate 45x45.

2 Connection lugs for base plate / socket block.

1 High/low current partition.

**DIMENSIONS:** WxHxD = 250x438x125 mm for vertical installation.

**NOTES:** in accordance with NF C 15-100/AS Titre 11; Arrêté "Réseaux de communication" du 03/08/2016; Guide XP C 90-483.

## VDI INSTALLATION COMPLEMENTS



GW 40 766

### CONNECTEURS RJ 45

| Code    | Description  | Application | Pack / Carton |
|---------|--|-------------|---------------|
| GW40596 | Kit of 2 RJ 45 Cat.5e UTP connectors + 1 RJ 45/RJ 45 cord 1 pair | Grade 1     | 1/10          |

**FEATURES:** RJ 45 Keystone format connectors for quick wiring without tools.



GW 40 776

### PATCH CORDS AND CONNECTION CABLES

| Code    | Description                       | Application                | Pack / Carton |
|---------|-----------------------------------|----------------------------|---------------|
| GW40597 | RJ 45/RJ 45 quadruple cord 1 pair | Telephone patching on 4 RJ | 1/10          |



# 40 CDE



Scan the QR Code and find out all the technical informations.

## FRENCH STANDARD ENCLOSURES

## GERMAN STANDARD ENCLOSURES

## SPANISH STANDARD ENCLOSURES



Surface-mounting enclosures equipped with phase, neutral and earth terminal blocks, with an IP20 rating in accordance with French regulations. Earth terminal blocks with Push-Wire clamping. VDI enclosures complete the offer for the distribution of TV, internet and telephony signals.



IP65-rated surface-mounting enclosures with top or bottom cable-entry flanges. IP30 surface- and IP40 flush-mounting versions with metal frame and door for masonry and plasterboard. Also available flush-mounting multimedia enclosures.



Flush-mounted versions with smoked door and IP40 rating. The enclosures are designed to accommodate the ICP power limiter.

# 42 RV

## Surface and flush-mounting watertight emergency enclosures

IP55 watertight enclosures, Red RAL 3000, available in 5 versions: with backlit push button; can be equipped with 22 mm dia. stop button or with rail coupling, the latter being available in Grey RAL 7035. The best seller is the GW42201, equipped with 1 NO contact and 1 NC contact and expandable up to 4 contacts, supplied with 1 long automatically operated push-button when glass is broken or short button for manual operation.



## 42 RV - WATERTIGHT ENCLOSURES FOR EMERGENCY MANOEUVRES - IP55



IP  
55

GWT  
650°C



### EQUIPMENT WITH ILLUMINABLE PUSH-BUTTON



GW 42 201

**WATERTIGHT ENCLOSURE FOR EMERGENCY SYSTEMS, EQUIPPED WITH ILLUMINATED PUSH-BUTTON AND 2 CONTACTS 1NO+1NC THAT CAN BE EXPANDED UP TO 4 CONTACTS PRE-ARRANGEMENT FOR USE OF GREEN LED TO INDICATE THE GOOD CONDITION OF THE EMERGENCY CIRCUIT**



| Code    | Outer dim. LxHxD (mm) | Colour       | No. of contacts that can be installed | Pack / Carton |
|---------|-----------------------|--------------|---------------------------------------|---------------|
| GW42201 | 120x120x50            | Red RAL 3000 | 4                                     | 1/10          |

**CHARACTERISTICS:** can be mounted on flush-mounting box GW24403. Contact-holder flange with 4 seats.

**ACCESSORIES SUPPLIED:** substitute button key for the possible configuration of manual or automatic activation when the glass is broken, self-adhesive pictograms "Break the glass" and "Press the button key", screwcaps for double insulation, screws and accessories for plumbing the front, 1 NO contact and 1 NC contact.

Sicur Push breakable glass.

**NOTES:** substitute NO contacts: GW74201, NC: GW74202; lamps for push-button backlighting: GW30951 12 V-/-, GW30952 24 V-/-, GW30943 230 V-/-; green LEDs for signalling the integrity of the emergency circuit: GW30958 for 12 to 24 V-/-, GW30959 for 110 to 230 V-/-, GW30960 for 48 V-/-; To restore the double insulation use the relative screwcaps supplied.

Pre-arranged for installation of 4 contacts type NO or NC.

### FITTED WITH HOLE Ø 22 MM



GW 42 204

**WATERTIGHT ENCLOSURE FOR EMERGENCY SYSTEMS FITTED WITH HOLE Ø 22MM**



| Code    | Outer dim. LxHxD (mm) | Colour       | Pack / Carton |
|---------|-----------------------|--------------|---------------|
| GW42204 | 108x180x100           | Red RAL 3000 | 1/10          |

**ACCESSORIES SUPPLIED:** Door fitted with lock with 2 keys, self adhesive pictogram "Break glass" and screwcaps for double insulation.

Sicur Push breakable glass.

To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

**NOTES:** compatible with momentary push-buttons, selectors and indicators Ø 22 mm of the 74 PS series.



## WITH DIN RAIL



GW 42 202

### WATERTIGHT ENCLOSURES FOR EMERGENCY USE AND SPECIAL APPLICATIONS WITH RAIL DIN



| Code                         | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|------------------------------|-------------------------|-----------------------|-----------------------|---------------|
| <b>Colour: Red RAL 3000</b>  |                         |                       |                       |               |
| GW42206                      | 4                       | 108x180x100           | 12                    | 1/10          |
| GW42202                      | 8                       | 180x180x100           | 18                    | 1/10          |
| <b>Colour: Grey RAL 7035</b> |                         |                       |                       |               |
| GW42207                      | 4                       | 108x180x100           | 12                    | 1/10          |
| GW42208                      | 8                       | 180x180x100           | 18                    | 1/10          |

**ACCESSORIES SUPPLIED:** door fitted with lock with 2 keys, self adhesive pictogram "Break glass", circuit label and screwcaps for double insulation. Sicur Push breakable glass. GW42207 pre-arranged also for the installation of momentary push-buttons, mushroom-head push-buttons, selectors and indicators ø 22 mm of the 74PS series.

**NOTES:** Dispersible power calculated according to CEI 23-49.

To restore the double insulation use the relative accessories supplied (module mask and screwcaps) or brackets for surface mounting GW44621.

## WITH BACK-MOUNTING PLATE



GW 42 203

### WATERTIGHT ENCLOSURE FOR EMERGENCY USE AND SPECIAL APPLICATIONS WITH GALVANISED METAL BACK MOUNTING PLATE



| Code    | Outer dim. LxHxD (mm) | Colour       | Pack / Carton |
|---------|-----------------------|--------------|---------------|
| GW42203 | 180x180x100           | Red RAL 3000 | 1/10          |

**ACCESSORIES SUPPLIED:** Door fitted with lock with 2 keys, self adhesive pictogram "Break glass" and screwcaps for double insulation. "Sicur Push" breakable glass.

To restore the double insulation use the relative accessories supplied (module mask and screwcaps) or brackets for surface mounting GW44621.

## FLUSH-MOUNTING ENCLOSURE WITH DIN RAIL



GW 42 232

### WATERTIGHT FLUSH-MOUNTING ENCLOSURES FOR EMERGENCIES AND SPECIAL APPLICATIONS WITH RAIL DIN



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Colour        | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|---------------|
| GW42231 | 4                       | 145x200x70            | 12                    | Red RAL 3000  | 1/10          |
| GW42232 | 4                       | 145x200x70            | 12                    | Grey RAL 7035 | 1/10          |

**ACCESSORIES SUPPLIED:** door equipped with security lock with 1 key, self-adhesive pictogram "Break the glass", user label. "Sicur Push" breakable glass.

**NOTES:** if the flush-mounting box is not embedded in line with the wall, use the screw kit plus the spacers GW48645. dispersible power calculated according to IEC 60670-24.

To restore the double insulation use the relative accessories supplied (module masks and screwcaps)

## COMPLEMENTARY ITEMS

### GLASS BREAKER



GW 42 216

#### GLASS BREAKER WITH UNIVERSAL FIXING SUPPORT

| Code    | Colour      | Support dimension (mm) | Pack / Carton |
|---------|-------------|------------------------|---------------|
| GW42216 | Toner black | 70x60                  | 1/10          |

**CHARACTERISTICS:** the hammer is joined to the base with a fine chain, so it can not be lost.

### SPARE GLASS



GW 42 212

#### SPARE SICUR PUSH GLASS FOR WATERTIGHT ENCLOSURES FOR EMERGENCIES

| Code    | For enclosures            | Pack / Carton |
|---------|---------------------------|---------------|
| GW42211 | GW42201                   | 1/10          |
| GW42213 | GW42204, GW42206, GW42207 | 1/10          |
| GW42212 | GW42202, GW42203, GW42208 | 1/10          |
| GW42214 | GW42231, GW42232          | 1/10          |



GW 32 457

#### SPARE BREAKABLE GLASS FOR PLATES FOR LIFTS/EMERGENCIES

| Code    | Suitable for                       | Pack / Carton |
|---------|------------------------------------|---------------|
| GW32457 | GW32450, GW32451, GW32452, GW32453 | 1/10          |

### ACCESSORIES AND SPARE PARTS



#### MINIATURE LAMPS WITH WIRED LEAD

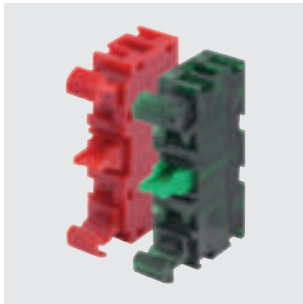
| Code    | Lamp voltage | Lamp power | Lamp          | Light emitted | Pack / Carton |
|---------|--------------|------------|---------------|---------------|---------------|
| GW30951 | 12V ac/dc    | 0.4 W      | Incandescence | White         | 50            |
| GW30952 | 24V ac/dc    | 0.8 W      | Incandescence | White         | 50            |
| GW30943 | 230 V ac     | 0.4 W      | Fluorescent   | Red           | 50            |
| GW30945 | 110V ac/dc   | 0.8 W      | Fluorescent   | White         | 50            |



GW 30 958

### SIGNALLING UNIT FOR INTEGRITY OF EMERGENCY CIRCUIT - WITH LEDS

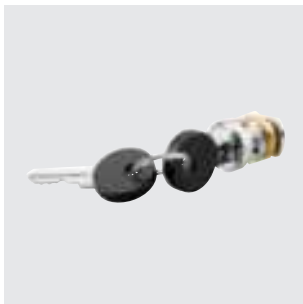
| Code    | Lamp voltage   | Lamp | Light emitted | Pack / Carton |
|---------|----------------|------|---------------|---------------|
| GW30958 | 12-24V ac/dc   | LED  | Green         | 10            |
| GW30959 | 110-230V ac/dc | LED  | Green         | 10            |
| GW30960 | 48V ac/dc      | LED  | Green         | 10            |



### CONTACTS - ITH 10A - 240V AC

| Code    | Type | Category of use 240V ac15 | Category of use 240V dc13 | Colour | For enclosure | Pack / Carton |
|---------|------|---------------------------|---------------------------|--------|---------------|---------------|
| GW74201 | 1 NO | 3 A                       | 0.27 A                    | Green  | GW42201       | 10/60         |
| GW74202 | 1 NC | 3 A                       | 0.27 A                    | Red    | GW42201       | 10/60         |

**CHARACTERISTICS:** GW74202, suitable for opening the contact also in the event of it slightly sticking, in conformity with the EN 60947-5-1 standard. Clip assembly on the contact-holder flanges. Contacts compatible with emergency control unit GW42201.



GW 40 422

### CYLINDRICAL SECURITY LOCK - SUITABLE FOR PLATES USED IN LIFTS/EMERGENCIES

| Code    | Material                | Pack / Carton |
|---------|-------------------------|---------------|
| GW40422 | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.



GW 48 644

### WATERTIGHT CYLINDRICAL SECURITY LOCK

| Code    | For enclosures         | Material                | Pack / Carton |
|---------|------------------------|-------------------------|---------------|
| GW48644 | 48 PTC and 42 RV range | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.



GW 48 645

## KIT CONTAINING 4 LONG SELF-THREADING SCREWS WITH SPACERS FOR FIXING LIDS AND FRONTS

| Code    | Screw dimension (mm) | Spacer thickness (mm) | Pack / Carton |
|---------|----------------------|-----------------------|---------------|
| GW48645 | Ø 4x45               | Max 10 mm reducible   | 1/100         |

**CHARACTERISTICS:** the kit can also be used for the following flush-mounting ranges: CD/CDK (starting from 6 modules), 48 CM and 42 RV.



GW 44 621

## WALL FIXING BRACKET, COMPLETE WITH SELF-TAPPING SCREWS



| Code    | Suitable for                | Pack / Carton |
|---------|-----------------------------|---------------|
| GW44621 | Enclosures 42 RV wall range | 40/480        |

**APPLICATIONS:** used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

**ACCESSORIES SUPPLIED:** 2 fixing screws.



GW 44 622

## SCREWCAPS IN INSULATING MATERIAL



| Code    | Description    | For enclosures          | Pack / Carton |
|---------|----------------|-------------------------|---------------|
| GW44622 | Screwcap Ø16mm | GW42201                 | 10/100        |
| GW44623 | Screwcap Ø25mm | from GW42202 to GW42208 | 10/100        |

**APPLICATIONS:** used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.



GW 40 423

## 4.5 MODULES COVER - COLOUR WHITE



| Code    | No. of modules EN 50022 | Colour        | Pack / Carton |
|---------|-------------------------|---------------|---------------|
| GW40423 | 4.5                     | Grey RAL 7035 | 50            |



42 RV



Scan the QR Code and find out all the technical informations.

ENCLOSURES FOR EMERGENCY SYSTEMS



The GW42201 emergency-system enclosure is the ideal product for handling emergency systems. It can be fitted with up to four NO and NC contacts, and it also offers the possibility of signalling emergency circuit integrity, thanks to the green LED.

FUNCTIONALITY AND FLEXIBILITY IN A SINGLE ITEM



The GW42201 enclosure can be fitted with a short or long push button for voluntary movement or intrinsically safe operation, and has a back panel flange that expands the number of contacts installable up to four, thus increasing the configurable solutions.

MAXIMUM SECURITY



All the enclosures have a high IP55 protection rating and thanks to the emergency hammer (available as accessory), breakable panel and halogen-free materials, they are suitable for use even in areas open to the public.

# 44 CE

## Technopolymer surface-mounting watertight junction boxes

The 44 CE junction boxes range consists of 3 families made of different technopolymers (two of which are Halogen Free) and available in 11 sizes with an ordinary or high-capacity base, high or low lids, blank or transparent lids, smooth walls or with quick-entry cable glands.



## SURFACE-MOUNTING BOXES IN GWPLAST 75 - GWT 650°C - FOR ORDINARY JUNCTIONS



**IK  
08**

**GWT  
650°C**



### WALLS WITH QUICK ENTRY CABLE GLANDS - IP44 AND IP55



GW 44 001

#### JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - GREY RAL 7035



| Code       | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Pack / Carton |
|------------|--------------------------|-----------------------|---------------|
| GW44001DY  | Ø 65x35                  | 4 / 23                | 1/120         |
| GW44002DY  | Ø 80x40                  | 4 / 23                | 5/135         |
| GW44003DY  | 80x80x40                 | 6 / 23                | 5/90          |
| GW44003DY6 | 80x80x40                 | 6 / 23                | 1/12          |

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

**CHARACTERISTICS:** IP 44 boxes with IK07 impact resistance.

The external part of the junction box bottom is provided of central threaded seat. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm. pressure closing lid.



GW 44 024

#### JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Lid screws (no. and type)     | Pack / Carton |
|---------|--------------------------|-----------------------|-------------------------------|---------------|
| GW44024 | 100x100x50               | 6 / 29                | 4 insul. a 1/4 turn, sealable | 66            |
| GW44026 | 150x110x70               | 10 / 29               | 4 insul. a 1/4 turn, sealable | 40            |

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

**CHARACTERISTICS:** Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm. the box bottom has 2 windows of dimensions 6 x 4 mm that allows the box mounting of the box, using the cables ties, to mesh wire cables trays, perforated cables trays, pole supports, etc...



GW 44 007

#### JUNCTION BOXES WITH PLAIN SCREWED LID - IP55 - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|-----------------------|---------------------------|---------------|
| GW44004 | 100x100x50               | 6 / 29                | 4 - Stainless steel       | 66            |
| GW44005 | 120x80x50                | 6 / 29                | 4 - Stainless steel       | 66            |
| GW44006 | 150x110x70               | 10 / 29               | 4 - Stainless steel       | 40            |
| GW44007 | 190x140x70               | 10 / 37               | 4 insul. sealable hinged  | 24            |
| GW44008 | 240x190x90               | 12 / 37               | 4 insul. sealable hinged  | 12            |
| GW44009 | 300x220x120              | 12 / 48               | 4 insul. sealable hinged  | 6             |
| GW44010 | 380x300x120              | 12 / 48               | 4 insul. sealable hinged  | 4             |
| GW44011 | 460x380x120              | 14 / 48               | 6 insul. sealable hinged  | 3             |

**ACCESSORIES SUPPLIED:** GW44011 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

**CHARACTERISTICS:**

quick entry cable glands, suitable for cables with Ø from 4 to 14mm.

For GW44007 and GW44008 quick entry cable glands suitable for conduits ø 16, 20, 25 and 32mm.

For GW44007, GW44008 quick entry cable glands suitable for conduits ø 16, 20, 25 and 32 mm.

For GW44009, GW44010, GW44011 quick entry cable glands suitable for conduits ø 16, 20, 25, 32 and 40mm.

## SMOOTH WALLS - IP55 AND IP56



GW 44 234

### JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type)     | Pack / Carton |
|---------|--------------------------|----------------------|-------------------------------|---------------|
| GW44234 | 100x100x50               | 29 mm                | 4 insul. a 1/4 turn, sealable | 105           |
| GW44236 | 150x110x70               | 29 mm                | 4 insul. a 1/4 turn, sealable | 50            |

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.



GW 44 207

### JUNCTION BOXES WITH PLAIN SCREWED LID - IP56 - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44204 | 100x100x50               | 29 mm                | 4 - Stainless steel       | 105           |
| GW44205 | 120x80x50                | 29 mm                | 4 - Stainless steel       | 91            |
| GW44206 | 150x110x70               | 29 mm                | 4 - Stainless steel       | 50            |
| GW44207 | 190x140x70               | 37 mm                | 4 insul. sealable hinged  | 30            |
| GW44208 | 240x190x90               | 37 mm                | 4 insul. sealable hinged  | 14            |
| GW44209 | 300x220x120              | 48 mm                | 4 insul. sealable hinged  | 6             |
| GW44210 | 380x300x120              | 48 mm                | 4 insul. sealable hinged  | 4             |
| GW44211 | 460x380x120              | 48 mm                | 6 insul. sealable hinged  | 3             |

**ACCESSORIES SUPPLIED:** GW44211 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.



GW 44 217

### JUNCTION BOXES WITH DEEP SCREWED LID - IP56 - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44214 | 100x100x120              | 29 mm                | 4 - Stainless steel       | 45            |
| GW44216 | 150x110x140              | 29 mm                | 4 - Stainless steel       | 24            |
| GW44217 | 190x140x140              | 37 mm                | 4 insul. sealable hinged  | 12            |
| GW44218 | 240x190x160              | 37 mm                | 4 insul. sealable hinged  | 12            |
| GW44219 | 300x220x180              | 48 mm                | 4 insul. sealable hinged  | 7             |
| GW44220 | 380x300x180              | 48 mm                | 4 insul. sealable hinged  | 3             |
| GW44221 | 460x380x180              | 48 mm                | 6 insul. sealable hinged  | 2             |

**ACCESSORIES SUPPLIED:** GW44221 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

## HIGH CAPACITY BOTTOM WITH SMOOTH WALLS - IP56



GW 44 117

### JUNCTION BOXES WITH HIGH CAPACITY BOTTOM AND PLAIN SCREWED LID - GREY RAL 7035



| Code           | Internal dim. LxHxD (mm) | Max Ø holes possible | Effective height of bottom | Lid screws (no. and type) | Pack / Carton |
|----------------|--------------------------|----------------------|----------------------------|---------------------------|---------------|
| <b>GW44114</b> | 100x100x80               | 48 mm                | 63 mm                      | 4 - Stainless steel       | 1/45          |
| <b>GW44117</b> | 190x140x110              | 54 mm                | 83 mm                      | 4 insul. sealable hinged  | 1/16          |
| <b>GW44118</b> | 240x190x130              | 54 mm                | 100 mm                     | 4 insul. sealable hinged  | 1/12          |
| <b>GW44119</b> | 300x220x170              | 54 mm                | 119 mm                     | 4 insul. sealable hinged  | 1/7           |
| <b>GW44120</b> | 380x300x170              | 54 mm                | 119 mm                     | 4 insul. sealable hinged  | 1/3           |

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

For all box/back-mounting plate combinations, refer to the summary.

**APPLICATIONS:** used to connect conduits up to Ø 40mm (for the 100x100x80mm version) and up to Ø 50mm (for the other sizes).

**CHARACTERISTICS:** for codes GW44117; GW44118; GW44119; GW44120, Ui=750V in accordance with EN 60670-1 and EN 60670-22. For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 137

### JUNCTION BOXES WITH HIGH CAPACITY BOTTOM AND TRANSPARENT PLAIN SCREWED LID GREY RAL 7035



| Code           | Internal dim. LxHxD (mm) | Max Ø holes possible | Effective height of bottom | Lid screws (no. and type) | Pack / Carton |
|----------------|--------------------------|----------------------|----------------------------|---------------------------|---------------|
| <b>GW44137</b> | 190x140x110              | 54 mm                | 83 mm                      | 4 insul. sealable hinged  | 1/16          |
| <b>GW44138</b> | 240x190x130              | 54 mm                | 100 mm                     | 4 insul. sealable hinged  | 1/12          |
| <b>GW44139</b> | 300x220x170              | 54 mm                | 119 mm                     | 4 insul. sealable hinged  | 1/7           |
| <b>GW44140</b> | 380x300x170              | 54 mm                | 119 mm                     | 4 insul. sealable hinged  | 1/3           |

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

For all box/back-mounting plate combinations, refer to the summary.

**APPLICATIONS:** used to connect conduits up to Ø 50mm.

**CHARACTERISTICS:** for codes GW44137; GW44138; GW44139; GW44140, Ui=750V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



## SURFACE-MOUNTING BOXES IN GWPLAST 75 - GWT 960°C - FOR SPECIAL USES



**IK  
08**

**GWT  
960°C**



### WALLS WITH QUICK ENTRY CABLE GLANDS - IP44 AND IP55

#### JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - GREY RAL 7035

**GWT  
960°C**

| Code           | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Pack / Carton |
|----------------|--------------------------|-----------------------|---------------|
| <b>GW44051</b> | Ø 65x35                  | 4 / 23                | 5/280         |
| <b>GW44052</b> | Ø 80x40                  | 4 / 23                | 5/135         |
| <b>GW44053</b> | 80x80x40                 | 6 / 23                | 5/90          |

**CARATTERISTICHE:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. IK07 impact resistance.

The external part of the junction box bottom is provided of central threaded seat. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm. pressure closing lid.

**APPLICATIONS:** ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm.



GW 44 051

#### JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035

**GWT  
960°C**

| Code           | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Lid screws (no. and type)     | Pack / Carton |
|----------------|--------------------------|-----------------------|-------------------------------|---------------|
| <b>GW44054</b> | 100x100x50               | 6 / 29                | 4 insul. a 1/4 turn, sealable | 66            |
| <b>GW44056</b> | 150x110x70               | 10 / 29               | 4 insul. a 1/4 turn, sealable | 40            |

**CHARACTERISTICS:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm. the box bottom has 2 windows of dimensions 6 x 4 mm that allows the box mounting of the box, using the cables ties, to mesh wire cables trays, perforated cables trays, pole supports, etc...

**APPLICATIONS:** ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.



GW 44 054



GW 44 051 R

## JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 BOX BASE RED RAL 3000, LID AND CABLE GLAND GREY RAL 7035

**GWT  
960°C**

| Code     | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Pack / Carton |
|----------|--------------------------|-----------------------|---------------|
| GW44051R | Ø 65x35                  | 4 / 23                | 5/280         |
| GW44053R | 80x80x40                 | 6 / 23                | 5/90          |

**CHARACTERISTICS:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. thermo-pressure with ball = 75° C.

The external part of the junction box bottom is provided of central threaded seat.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm. pressure closing lid.

**APPLICATION:** Ideal for safety circuits (door release, illumination, signal) and for ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm.



GW 44 054 R

## JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 BOX BASE RED RAL 3000, LID AND CABLE GLAND GREY RAL 7035

**GWT  
960°C**

| Code     | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Lid screws (no. and type)     | Pack / Carton |
|----------|--------------------------|-----------------------|-------------------------------|---------------|
| GW44054R | 100x100x50               | 6 / 29                | 4 insul. a 1/4 turn, sealable | 66            |
| GW44056R | 150x110x70               | 10 / 29               | 4 insul. a 1/4 turn, sealable | 40            |

**CHARACTERISTICS:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. thermo-pressure with ball = 75° C. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm. the box bottom has 2 windows of dimensions 6 x 4 mm that allows the box mounting of the box, using the cables ties, to mesh wire cables trays, perforated cables trays, pole supports, etc...

**APPLICATIONS:** ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm.



GW 44 057

## JUNCTION BOXES WITH PLAIN SCREWED LID - IP55 - GREY RAL 7035

**GWT  
960°C**

| Code    | Internal dim. LxHxD (mm) | Entries No. holes / Ø | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|-----------------------|---------------------------|---------------|
| GW44055 | 120x80x50                | 6 / 29                | 4 - Stainless steel       | 66            |
| GW44057 | 190x140x70               | 10 / 37               | 4 insul. sealable hinged  | 24            |
| GW44058 | 240x190x90               | 12 / 37               | 4 insul. sealable hinged  | 12            |
| GW44059 | 300x220x120              | 12 / 48               | 4 insul. sealable hinged  | 6             |
| GW44060 | 380x300x120              | 12 / 48               | 4 insul. sealable hinged  | 4             |
| GW44061 | 460x380x120              | 14 / 48               | 4 insul. sealable hinged  | 3             |

**ACCESSORIES SUPPLIED:** GW44061 screwcaps for double insulation.

**CHARACTERISTICS:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

**APPLICATIONS:** ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

For GW44055 quick entry cable glands, suitable for cables with Ø from 4 to 14mm and conduits Ø 16, 20 and 25mm.

For GW44057 and GW44058 quick entry cable glands, suitable for cables with Ø from 4 to 14mm and conduits Ø 16, 20, 25 and 32mm.

For GW44059, GW44060 and GW44061 quick entry cable glands, suitable for cables with Ø from 4 to 14mm and conduits Ø 16, 20, 25, 32 and 40mm.

## SMOOTH WALLS - IP56



GW 44 277

### JUNCTION BOXES WITH PLAIN SCREWED LID - IP56 - GREY RAL 7035

**GWT**  
**960°C**

| Code     | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|----------|--------------------------|----------------------|---------------------------|---------------|
| GW44274  | 100x100x50               | 29 mm                | 4 - Stainless steel       | 105           |
| GW44275  | 120x80x50                | 29 mm                | 4 - Stainless steel       | 91            |
| GW44276  | 150x110x70               | 29 mm                | 4 - Stainless steel       | 50            |
| GW44276C | 150x110x70               | 29 mm                | 4 - Stainless steel       | 50            |
| GW44277  | 190x140x70               | 37 mm                | 4 insul. sealable hinged  | 30            |
| GW44277C | 190x140x70               | 37 mm                | 4 insul. sealable hinged  | 30            |
| GW44278  | 240x190x90               | 37 mm                | 4 insul. sealable hinged  | 14            |
| GW44279  | 300x220x120              | 48 mm                | 4 insul. sealable hinged  | 6             |
| GW44280  | 380x300x120              | 48 mm                | 4 insul. sealable hinged  | 4             |
| GW44281  | 460x380x120              | 48 mm                | 6 insul. sealable hinged  | 3             |

**ACCESSORIES SUPPLIED:** GW44281 screwcaps for double insulation.

**CHARACTERISTICS:** for codes GW44277; GW44277C; GW44278; GW44279; GW44280; GW44281 Ui=750V in accordance with EN 60670-1 and EN 60670-22.

For applications in a photovoltaic environment, use the surface-mounting brackets - code GW44621. Type H casing in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. For junction boxes GW44276C and GW44277C, thermo-pressure with ball TP = 75°C according to EN 60670-1 and IEC 60670-1. Maximum installation temperature +50°C.

**APPLICATIONS:** ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190 x 140mm.

Junction boxes GW44276C and GW44277C certified CSA (in accordance with UL50). To be used with multipolar terminal blocks 5 x 6mm2 GW44610C.



GW 44 260

### JUNCTION BOXES WITH DEEP SCREWED LID - IP56 - GREY RAL 7035

**GWT**  
**960°C**

| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44254 | 100x100x120              | 29 mm                | 4 - Stainless steel       | 45            |
| GW44255 | 120x80x120               | 29 mm                | 4 - Stainless steel       | 55            |
| GW44256 | 150x110x140              | 29 mm                | 4 - Stainless steel       | 24            |
| GW44257 | 190x140x140              | 37 mm                | 4 insul. sealable hinged  | 16            |
| GW44258 | 240x190x160              | 37 mm                | 4 insul. sealable hinged  | 12            |
| GW44259 | 300x220x180              | 48 mm                | 4 insul. sealable hinged  | 7             |
| GW44260 | 380x300x180              | 48 mm                | 4 insul. sealable hinged  | 3             |
| GW44261 | 460x380x180              | 48 mm                | 6 insul. sealable hinged  | 2             |

**ACCESSORIES SUPPLIED:** GW44261 screwcaps for double insulation.

**CHARACTERISTICS:** for codes GW44257; GW44258; GW44259; GW44260; GW44261 Ui=750V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621. Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

**APPLICATIONS:** ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

## SURFACE-MOUNTING BOXES IN GWPLAST 120 - GWT 650°C - FOR INDUSTRIAL USES



**IK  
08**

**GWT  
650°C**



### BLANK LID - IP56



GW 44 407

#### BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT PLAIN SCREWED LID - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44404 | 100x100x50               | 29 mm                | 4 - Stainless steel       | 108           |
| GW44405 | 120x80x50                | 29 mm                | 4 - Stainless steel       | 108           |
| GW44406 | 150x110x70               | 29 mm                | 4 - Stainless steel       | 50            |
| GW44407 | 190x140x70               | 37 mm                | 4 insul. sealable hinged  | 32            |
| GW44408 | 240x190x90               | 37 mm                | 4 insul. sealable hinged  | 14            |
| GW44409 | 300x220x120              | 48 mm                | 4 insul. sealable hinged  | 6             |
| GW44410 | 380x300x120              | 48 mm                | 4 insul. sealable hinged  | 4             |
| GW44411 | 460x380x120              | 48 mm                | 6 insul. sealable hinged  | 3             |

**ACCESSORIES SUPPLIED:** GW44411 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

**CHARACTERISTICS:** for codes GW44407; GW44408; GW44409; GW44410; GW44411 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 417

#### BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT DEEP SCREWED LID - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44414 | 100x100x120              | 29 mm                | 4 - Stainless steel       | 45            |
| GW44415 | 120x80x120               | 29 mm                | 4 - Stainless steel       | 55            |
| GW44416 | 150x110x140              | 29 mm                | 4 - Stainless steel       | 24            |
| GW44417 | 190x140x140              | 37 mm                | 4 insul. sealable hinged  | 16            |
| GW44418 | 240x190x160              | 37 mm                | 4 insul. sealable hinged  | 12            |
| GW44419 | 300x220x180              | 48 mm                | 4 insul. sealable hinged  | 7             |
| GW44420 | 380x300x180              | 48 mm                | 4 insul. sealable hinged  | 3             |
| GW44421 | 460x380x180              | 48 mm                | 6 insul. sealable hinged  | 2             |

**ACCESSORIES SUPPLIED:** GW44421 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

**CHARACTERISTICS:** for codes GW44417; GW44418; GW44419; GW44420; GW44421 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.

## TRANSPARENT LID - IP56



GW 44 427

### BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT PLAIN SCREWED LID - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44426 | 150x110x70               | 29 mm                | 4 - Stainless steel       | 50            |
| GW44427 | 190x140x70               | 37 mm                | 4 insul. sealable hinged  | 32            |
| GW44428 | 240x190x90               | 37 mm                | 4 insul. sealable hinged  | 14            |
| GW44429 | 300x220x120              | 48 mm                | 4 insul. sealable hinged  | 6             |
| GW44430 | 380x300x120              | 48 mm                | 4 insul. sealable hinged  | 4             |
| GW44431 | 460x380x120              | 48 mm                | 6 insul. sealable hinged  | 3             |

**ACCESSORIES SUPPLIED:** GW44431 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

**CHARACTERISTICS:** for codes GW44427; GW44428; GW44429; GW44430; GW44431 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 437

### BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT DEEP SCREWED LID - GREY RAL 7035



| Code    | Internal dim. LxHxD (mm) | Max Ø holes possible | Lid screws (no. and type) | Pack / Carton |
|---------|--------------------------|----------------------|---------------------------|---------------|
| GW44436 | 150x110x140              | 29 mm                | 4 - Stainless steel       | 24            |
| GW44437 | 190x140x140              | 37 mm                | 4 insul. sealable hinged  | 16            |
| GW44438 | 240x190x160              | 37 mm                | 4 insul. sealable hinged  | 12            |
| GW44439 | 300x220x180              | 48 mm                | 4 insul. sealable hinged  | 7             |
| GW44440 | 380x300x180              | 48 mm                | 4 insul. sealable hinged  | 3             |
| GW44441 | 460x380x180              | 48 mm                | 6 insul. sealable hinged  | 2             |

**ACCESSORIES SUPPLIED:** GW44441 screwcaps for double insulation.

**NOTES:** to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

**CHARACTERISTICS:** for codes GW44437; GW44438; GW44439; GW44440; GW44441 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.

## COMPLEMENTARY ITEMS

### BACK-MOUNTING PLATES



GW 44 615

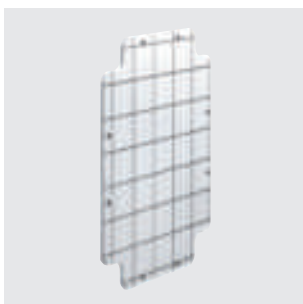
#### BACK-MOUNTING PLATE IN GALVANISED STEEL WITH SELF-TAPPING FIXING SCREWS

| Code    | For boxes centre distance BxH (mm) | Pack / Carton |
|---------|------------------------------------|---------------|
| GW44615 | 190x140                            | 20            |
| GW44616 | 240x190                            | 20            |
| GW44617 | 300x220                            | 20            |
| GW44618 | 380x300                            | 5             |
| GW44619 | 460x380                            | 5             |

**NOTES:** GW44615 also fitted for high capacity boxes GW44118 and GW44138.

GW44616 also fitted for high capacity boxes GW44119 and GW44139.

GW44617 also fitted for high capacity boxes GW44120 and GW44140.



GW 44 625

#### BACK-MOUNTING PLATE IN INSULATED MATERIAL WITH SELF-TAPPING FIXING SCREWS

| Code    | For boxes centre distance BxH (mm) | Pack / Carton |
|---------|------------------------------------|---------------|
| GW44625 | 190x140                            | 20            |
| GW44626 | 240x190                            | 20            |
| GW44627 | 300x220                            | 20            |

**NOTES:** GW44625 also fitted for high capacity boxes GW44118 and GW44138.

GW44626 also fitted for high capacity boxes GW44119 and GW44139.

GW44627 also fitted for high capacity boxes GW44120 and GW44140.

## INSTALLATION AND COUPLING ELEMENTS



GW 44 622

### INSULATING SCREW CAPS



| Code    | Description    | Pack / Carton |
|---------|----------------|---------------|
| GW44622 | Screwcap Ø16mm | 10/100        |
| GW44623 | Screwcap Ø25mm | 10/100        |

**APPLICATIONS:** used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.



GW 50 430

### CABLE GLANDS IN FLEXIBLE POLYMER - GREY RAL 7035 - IP55

| Code      | For ext. conduits max (mm) | Mounting hole Ø (mm) | Glow Wire Test | Pack / Carton |
|-----------|----------------------------|----------------------|----------------|---------------|
| GW50428DY | 16                         | 19                   | 960 °C         | 8/96          |
| GW50429DY | 20                         | 23                   | 960 °C         | 8/96          |
| GW50430DY | 25                         | 29                   | 960 °C         | 8/96          |
| GW50431DY | 32                         | 37                   | 960 °C         | 8/96          |
| GW50432DY | 40                         | 48                   | 960 °C         | 8/48          |

**NOTES:** quick entry cable glands, except GW50428.

**CHARACTERISTICS:** quick entry cable glands, suitable for cables with Ø from 4 to 14mm.

Cable gland GW50429, suitable for conduits ø 16, 20mm.

Cable gland GW50430, suitable for conduits ø 16, 20, 25mm.

Cable gland GW50431, suitable for conduits ø 16, 20, 25, 32mm.

Cable gland GW50432, suitable for conduits ø 16, 20, 25, 32, 40mm.



44 CE



Scan the QR Code and find out all the technical informations.

VERSIONS WITH QUICK-ENTRY CABLE GLANDS



The boxes with cable glands enable quick insertion of rigid and flexible cables. The innovative geometric shape guarantees high-levels of mechanical performance and ensures that IP rating of the box is maintained even with cables or conduits inserted, thanks to the special suction effect.

LARGE CAPACITY BOXES



The boxes with high-capacity bottoms have been studied in every detail for practicality and robustness, even for the connection of larger diameter conduits (up to 50 mm). This attention to detail has produced a range of boxes that are ideal in systems with a high-density of connections,

HINGED LID VERSIONS

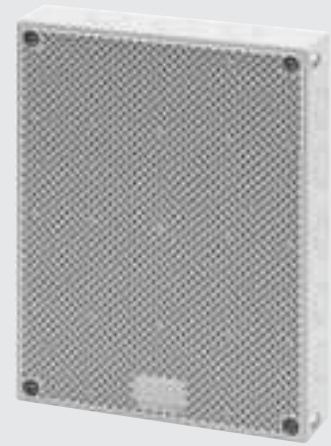


All GEWISS junction boxes 190x140 mm and larger in size have plastic screws with a spherical head allowing the lid to open like a small distribution board (GEWISS patent). This innovative system also allows the covers to be sealed.

# 42 TV

## Multifunctional supporting bases

A range of boards for universal applications, as for example the support of electronic devices, power supply units or for the creation of small control boards with indicators and push-buttons. The cover with honeycomb finish offers the possibility of direct screw mounting of exposed equipment. Completing the offer is the watertight floor version outlet box ideal for example for the fixing of surface or recessed sockets-outlets.



## DISTRIBUTION TOWER AND BOARDS



**IK  
08**

**GWT  
650°C**



### SURFACE-MOUNTING DISTRIBUTION BOARDS - IP41



GW 42 001

#### BOARDS WITH REVERSIBLE DOOR - SMOOTH AND HONEYCOMB SURFACE - GREY RAL 7035



| Code           | Outer dim. LxHxD (mm) | No. input                    | Pack / Carton |
|----------------|-----------------------|------------------------------|---------------|
| <b>GW42001</b> | 200x150x40            | Ø 20.5 = 16                  | 32            |
| <b>GW42002</b> | 200x150x60            | Ø 20.5 = 12    Ø 20.5/23 = 4 | 44            |
| <b>GW42003</b> | 200x150x80            | Ø 20.5 = 12    Ø 20.5/23 = 4 | 32            |
| <b>GW42004</b> | 300x200x40            | Ø 20.5 = 16                  | 16            |
| <b>GW42005</b> | 300x200x60            | Ø 23/29 = 16                 | 21            |
| <b>GW42006</b> | 300x200x80            | Ø 23/29 = 16                 | 16            |
| <b>GW42007</b> | 300x200x120           | Ø 23/29 = 16                 | 10            |
| <b>GW42008</b> | 400x300x60            | Ø 23/29 = 22                 | 10            |
| <b>GW42009</b> | 400x300x80            | Ø 23/29 = 22                 | 8             |
| <b>GW42010</b> | 400x300x120           | Ø 23/29 = 22                 | 5             |

**CHARACTERISTICS:** TV board (BxH) 200x150 mm with impact resistance IK07.

**NOTES:** to restore the double insulation, use the screwcaps provided.



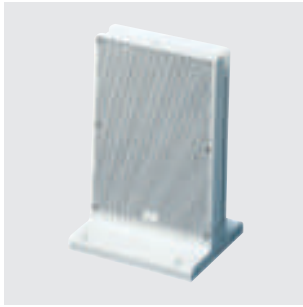
## FLOOR MOUNTING AND WORKBENCH TOWER - IP55

### PILLAR WITH REVERSIBLE DOOR WITH SMOOTH AND HONEYCOMBED SURFACE GREY RAL 7035



| Code           | Outer dim. LxHxD (mm) | Houseable IB socket-outlets | Installable Q-DIN boards | Pack / Carton |
|----------------|-----------------------|-----------------------------|--------------------------|---------------|
| <b>GW68441</b> | 200x295x180           | 16/32 A                     | Q-DIN 5                  | 1/6           |

**CHARACTERISTICS:** double-sided panels with smooth or honeycomb surface, for fixing interlocked switched socket-outlets 16/32A of the IB range: Combibloc, horizontal IP44 with bottom and vertical IP67 with bottom.



GW 68 441

## COMPLEMENTARY ITEMS



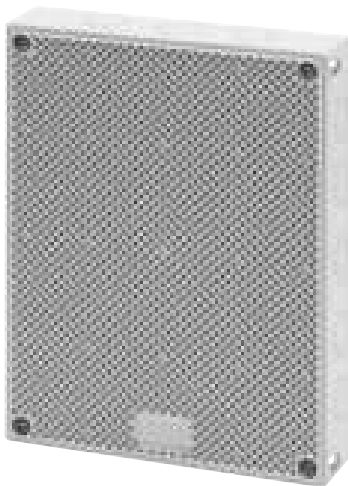
GW 44 615

### BACK-MOUNTING PLATE WITH SELF-TAPPING FIXING SCREWS

| Code                              | For boxes dimensions | For distribution boards               | Pack / Carton |
|-----------------------------------|----------------------|---------------------------------------|---------------|
| <b>Material: Galvanized metal</b> |                      |                                       |               |
| GW44615                           | 190x140              | GW42001 - GW42002 - GW42003           | 20            |
| GW44616                           | 240x190              | GW42004 - GW42005 - GW42006 - GW42007 | 20            |
| GW44617                           | 300x220              | GW42008 - GW42009 - GW42010           | 20            |
| <b>Material: Insulation</b>       |                      |                                       |               |
| GW44625                           | 190x140              | GW42001 - GW42002 - GW42003           | 20            |
| GW44626                           | 240x190              | GW42004 - GW42005 - GW42006 - GW42007 | 20            |
| GW44627                           | 300x220              | GW42008 - GW42009 - GW42010           | 20            |



# 42 TV



Scan the QR Code and find out all the technical informations.

### A COMPLETE OFFER

### APPLICATION MULTIFUNCTIONALITY

### FLOOR-STANDING TOWER VERSION



The range consists of three sizes with different depths, and the practical floor-mounted tower. The accessories line includes back-mounting plates in sheet metal or insulating material, screwcaps to restore the IP protection rating and double insulation.



The front panel of the support bases is reversible: one face is smooth, to facilitate the fitting of recessed components and the other has a hollow structure to facilitate visible fitting of the products. Ideal for control and signalling boards.



The practical and functional floor-standing tower, with an IP55 rating, enables configurations with IB interlocked sockets, Q-DIN distribution boards and enclosures of the 27 COMBI range.



# FLUSH-MOUNTING ENCLOSURES



## Green Wall

FLUSH-MOUNTING SYSTEM  
FOR PLASTERBOARD WALLS

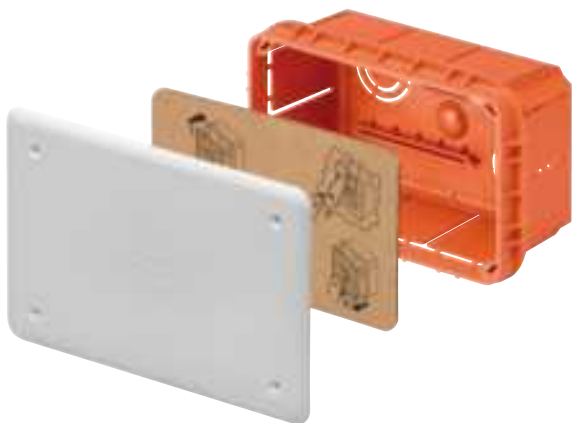
*pag. 62*



## 40 CDi

FLUSH-MOUNTING DISTRIBUTION BOARDS  
AND ENCLOSURES

*pag. 70*



**48**

FLUSH-MOUNTING JUNCTION  
AND MODULAR BOXES SYSTEM

*pag. 78*



**24 SC**

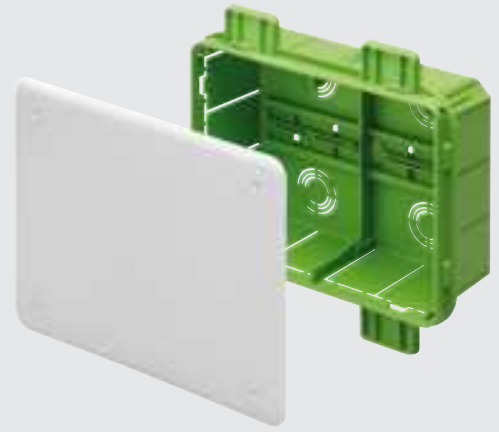
FLUSH MOUNTING  
SURFACE OR UNDERFLOOR BOXES

*pag. 88*

# Green Wall

## Flush-mounting system for plasterboard walls

The most complete system of containers for lightweight and plasterboard walls; GEWISS patented solutions. Made with halogen-free technopolymer and GWT 850°C. The range include enclosures and distribution boards up to 72 M; 48 PT DIN GREENWALL range junction boxes with integrated DIN rail on the back plate, compliant with CEI 23-49, ideal for the pre-arrangement and installation of domotic devices; boxes for wiring devices and boxes for interlocked switched socket-outlets.



### 40 CDKI GREEN WALL - ENCLOSURES AND DISTRIBUTION BOARDS FOR LIGHTWEIGHT AND PLASTERBOARD WALLS - IP40



IK  
08

IP  
40

GWT  
850°C



#### SMOKED TRANSPARENT DOOR



GW 40 606 PM

#### MODULAR ENCLOSURES AND DISTRIBUTION BOARDS WITH WINDOWED PANEL AND EXTRACTABLE FRAME PREDISPOSED FOR HOUSING TERMINAL BLOCKS - WHITE RAL 9016 - SMOKED DOOR



| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------|
| GW40605PM | 12                      | 330x270x85            | 36                    | 8             |
| GW40606PM | 24 (12x2)               | 330x420x85            | 37                    | 6             |
| GW40609PM | 36 (18x2)               | 465x505x85            | 52                    | 3             |
| GW40610PM | 54 (18x3)               | 465x680x95            | 62                    | 3             |
| GW40611PM | 72 (18x4)               | 465x880x95            | 95                    | 1             |

**CHARACTERISTICS:** Lead sealable and removable panels with windows, except for code GW40605PM. Back plates equipped with tabs for fixing on a metal structure for lightweight and plasterboard walls. Locators to mark the wall along the edges of the back plate. Horizontal modularity using the joining element GW40425 for enclosure GW40605PM. Vertical modularity using the joining element GW40425 for boards GW40606PM-GW40609PM-GW40610PM-GW40611PM.

**NOTES:** Dissipated power calculated according to CEI 23-49. Casing type H according to EN 60670-1, and type Ha according to IEC 60670-1. GWT 850°C, according to EN 60695-2-11, related to the green flush-mounting box.

Upon request, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.

**ACCESSORIES SUPPLIED:** Self-tapping screws kit ø 4x45 mm with spacers for fixing frontal panels.

**INSTALLATION:** For the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDI range.

## COMPLEMENTARY ITEMS FOR ENCLOSURES AND BOARDS 40 CDKI GREEN WALL



GW 40 422

### CYLINDER SECURITY LOCK FOR 40 CDKI ENCLOSURES

| Code    | Material                | Pack / Carton |
|---------|-------------------------|---------------|
| GW40422 | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** All the keys and relative locks with the same product code are identical.



GW 40 467

### PLASTIC MODULE COVER PROFILE



| Code    | No. of modules EN 50022 | Colour         | Pack / Carton |
|---------|-------------------------|----------------|---------------|
| GW40467 | 4.5                     | White RAL 9016 | 50            |

**CHARACTERISTICS:** clip fixing.



GW 40 412 B

### INSULATED SCREW TERMINAL BLOCK BIPOLAR AND UNIPOLAR FOR ENCLOSURES AND BOARDS

| Code  | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Fastener to supports    | Pack / Carton |
|---|---------------------------|---------------------------|-------------------------|---------------|
| <b>Type: Bipolar - Rated current 125 A</b>        |                           |                           |                         |               |
| GW40401   | N (1x35) + (7x10)         | E (1x35) + (7x10)         | With screws             | 10            |
| GW40402   | N (3x35) + (10x10)        | E (3x35) + (10x10)        | With screws and/or clip | 10            |
| GW40404   | N (5x35) + (14x10)        | E (5x35) + (14x10)        | With screws and/or clip | 10            |
| <b>Type: Bipolar - Rated current 80 A - IP20</b>  |                           |                           |                         |               |
| GW40408B  | N/E (2x16) + (7x10)       | N/E (2x16) + (7x10)       | With screws             | 1/10          |
| GW40412B  | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | With screws and/or clip | 1/10          |
| GW40418B  | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | With screws and/or clip | 1/10          |
| <b>Type: Unipolar - Rated current 80 A - IP20</b> |                           |                           |                         |               |
| GW40408U  | N/E (2x16) + (7x10)       | -                         | With screws             | 1/10          |
| GW40412U  | N/E (3x16) + (11x10)      | -                         | With screws and/or clip | 1/10          |
| GW40422U  | N/E (3x16) + (29x10)      | -                         | With screws and/or clip | 1/10          |
| GW40418U  | N/E (3x16) + (17x10)      | -                         | With screws and/or clip | 1/10          |

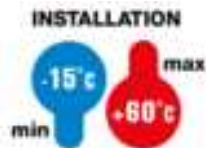
**ACCESSORIES SUPPLIED:** fixing screws. The 80 A terminal blocks are equipped with N and E labels to be placed on the respective spaces to identify the poles.

**CHARACTERISTICS:** GWT 960°C according to EN60695-2-11.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "EQUIPPABILITY OF GREEN WALL FLUSH-MOUNTING ENCLOSURES WITH TWO-POLE OR ONE-POLE TERMINAL" within the selection guides for the GREEN WALL range.

# Green Wall

## 40 CDKI GREEN WALL - MULTI-SERVICE SYSTEM ENCLOSURES



**IK  
08**

**IP  
40**

**GWT  
850°C**



### MULTIMEDIA ENCLOSURES



GW 40 390 C

#### MULTIMEDIA ENCLOSURE COMPACT VERSION 36 DIN MODULES - WHITE RAL 9016 - BLANK DOOR



| Code      | Description   | Outer dim. LxHxD (mm) | Pack / Carton |
|-----------|---|-----------------------|---------------|
| GW40390C  | Front cover, inner frame and accessories 36 DIN modules | 465x505x85            | 1             |
| GW40688PM | Empty Green Wall back box 36 DIN modules                | -                     | 1/5           |

**APPLICATIONS:** the compact multimedia enclosure is the central element of multi-service wiring within the home, allowing the distribution of signals to the various rooms. The compact version is ideal for settings where the available space is limited and a small number of services need to be managed.

**CHARACTERISTICS:** the product is compliant with the CEI 306-2 Guide. The back of the box has plastic tabs for an easier installation on metal frames and drywall panels. The product can be joined vertically with other enclosures of the CDKi range (minimum size 36 DIN modules) using GW40425 coupling elements.

**ACCESSORIES SUPPLIED:** the GW40390C is composed of 1 pc front cover with blank door, 1 pc detachable frame with 2 pcs perforated mounting plates (1 pc with 18 Keystone Jack slots), 2 m velcro roll w=16 mm, 4 pcs brackets with screws, 4 pcs self-adhesive cable clips with cable ties, 5 pcs RJ45 Cat.6 keystone jacks.

**INSTALLATION:** the product can be installed on both lightweight and plasterboard partition walls.



GW 40 390 F

#### MULTIMEDIA ENCLOSURE COMPACT VERSION 54 DIN MODULES - WHITE RAL 9016 - BLANK DOOR



| Code      | Description   | Outer dim. LxHxD (mm) | Pack / Carton |
|-----------|---|-----------------------|---------------|
| GW40390F  | Front cover, inner frame and accessories 54 DIN modules | 465x680x95            | 1             |
| GW40689PM | Empty Green Wall back box 54 DIN modules                | -                     | 1/3           |

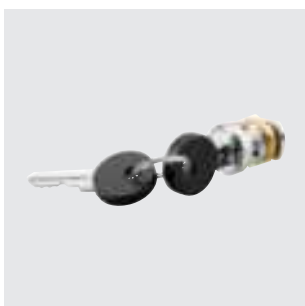
**APPLICATIONS:** the complete multimedia enclosure is the central element of multi-service wiring within the home, allowing the distribution of signals to the various rooms. The full version is ideal for residential settings where a large number of services and reception/transmission devices need to be managed.

**CHARACTERISTICS:** the product is compliant with the CEI 306-2 Guide. The back box has plastic tabs for easier installation on metal frames and drywall panels. The product can be joined vertically with other enclosures of the CDKi range (minimum size 36 DIN modules) using GW40425 coupling elements.

**ACCESSORIES SUPPLIED:** the GW40390F includes of 1 pc front cover with blank door, 1 pc detachable frame with 3 pcs perforated mounting plates (1 pc with 18 Keystone Jack slots), 3 m velcro roll w=16 mm, 6 pcs brackets with screws, 6 pcs self-adhesive cable clips with cable ties, 6 pcs RJ45 Cat.6 data sockets, 6 pcs RJ45-RJ45 Cat.6 Ethernet cable 0.6 m, 1 pc telephone splitter with 5 pcs RJ11 socket and 5 pcs RJ11-RJ45 telephone cables, 1 pc multiple socket.

**INSTALLATION:** the product can be installed on both lightweight and plasterboard partition walls.

### TECHNICAL ACCESSORIES FOR HOME NETWORKING ENCLOSURES



GW 40 422

#### CYLINDRICAL SECURITY LOCK

| Code    | Material                | Pack / Carton |
|---------|-------------------------|---------------|
| GW40422 | Pressure die-cast metal | 1/10          |

**ACCESSORIES SUPPLIED:** 2 keys.

**NOTES:** all the keys and relative locks with the same product code are identical.





GW 40 425

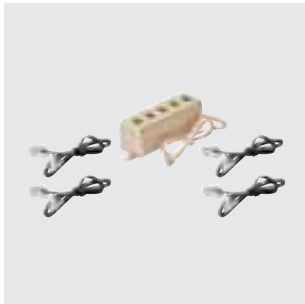
**ELEMENT FOR COMBINED COUPLING OF CDKI AND CDI FLUSH-MOUNTING DECORATIVE ENCLOSURES AND DISTRIBUTION BOARDS**



| Code    | Fixing | Pack / Carton |
|---------|--------|---------------|
| GW40425 | Clip   | 10            |

**APPLICATIONS:** for CDKI enclosures and boards from 12 modules upwards. Also suitable for 40 CDI decorative enclosures with 8 and 12 modules and for the QDSA enclosures. For CDKI GREEN WALL enclosures and boards, the GW40425 element permits horizontal paths for the 12M enclosure and vertical paths for 24M to 72M boards.

**NOTES:** GWT 850 °C according to EN 60695-2-11.



GW 38 098

**TELEPHONE JACK EXPANSION KIT**

| Code    | Description                               | Pack / Carton |
|---------|---|---------------|
| GW38098 | RJ11 telephone socket and telephone cable | 1             |

**ACCESSORIES SUPPLIED:** 1 multiple telephone socket-outlet with 5 RJ11 socket-outlets.

# Green Wall

## 48 PT DIN GREEN WALL - JUNCTION BOXES FOR LIGHTWEIGHT AND PLASTERBOARD WALLS - IP40



IK  
07

IP  
40

GWT  
850°C



### FOR LIGHTWEIGHT AND PLASTERBOARD WALLS



GW 48 006 PM

#### JUNCTION AND CONNECTION BOXES FOR SIDE-BY-SIDE ASSEMBLY WITH DIN RAIL INTEGRATED ON THE BACK-MOUNTING BOX - COLOUR: WHITE LID RAL 9016



| Code      | Outer dim. LxHxD (mm) | Compartment pre-arrangement | No. EN 50022 mod. per comp. | Domotic equipment coupling | Dispersible max power (W) | No. supports GW44720 | Pack / Carton |
|-----------|-----------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------|---------------|
| GW48006PM | 196x152x75            | 2                           | 4.5                         | DIN rail                   | 11                        | 2                    | 1/30          |
| GW48007PM | 294x152x75            | 3                           | 5                           | DIN rail                   | 13                        | 3                    | 1/21          |
| GW48008PM | 392x152x75            | 4                           | 5                           | DIN rail                   | 17                        | 4                    | 1/14          |
| GW48009PM | 480x160x75            | 3                           | 8                           | DIN rail                   | 25                        | 5                    | 1/12          |

**APPLICATIONS:** boxes with a built-in DIN rail on the back-mounting box, in accordance with regulations that require to fix by DIN rail the devices that disperse a certain amount of power inside the junction boxes (calculated in compliance with CEI 23-49). Ideal for relocation of domotic equipment as actuators, power supplies, etc...

**CHARACTERISTICS:** surface embossing of the covers to facilitate painting. Pre-arrangement combined horizontal coupling using joining element, code GW48051. Lid protected with heat-shrinking film that also contains the bag of fixing screws. Locators to aid tracing the wall along the edges of the box. Boxes equipped with tabs for direct fixing on panels or a metal structure for lightweight and plasterboard walls. Possibility of fixing directly on the back-mounting box of the box.

**ACCESSORIES SUPPLIED:** ø3x38 mm screw kit for lid fixing.

**NOTES:** for the inputs, remove the knockouts after cutting the relative tangs with scissors. Dispersible power calculated according to CEI 23-49. Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

GWT 850°C, according to EN 60695-2-11, relative to the green flush-mounting back-mounting box. Also for KNX devices from DIN rail, domotic devices for domestic ranges, and devices for video entryphones.



GW 48 126 PM

#### JUNCTION AND CONNECTION BOX FOR SIDE-BY-SIDE ASSEMBLY WITH DIN RAIL INTEGRATED ON THE BACK-MOUNTING BOX - TRANSPARENT LID



| Code      | Outer dim. LxHxD (mm) | Compartment pre-arrangement | No. EN 50022 mod. per comp. | Domotic equipment coupling | Dispersible max power (W) | No. supports GW44720 | Pack / Carton |
|-----------|-----------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------|---------------|
| GW48126PM | 196x152x75            | 2                           | 4.5                         | DIN rail                   | 11                        | 2                    | 1/30          |

**APPLICATION:** boxes with a built-in DIN rail on the back-mounting box, in accordance with regulations that require to fix by DIN rail the devices that disperse a certain amount of power inside the junction boxes (calculated in compliance with CEI 23-49).

**CHARACTERISTICS:** Pre-arrangement combined horizontal coupling using joining element, code GW48051. Lid protected with heat-shrinking film that also contains the bag of fixing screws. Locators to aid tracing the wall along the edges of the box. Boxes equipped with tabs for direct fixing on panels or a metal structure for lightweight and plasterboard walls. Possibility of fixing directly on the back-mounting box of the box.

**ACCESSORIES SUPPLIED:** ø3x38 mm screw kit for lid fixing.

**NOTES:** for the inputs, remove the knockouts after cutting the relative tangs with scissors. Dispersible power calculated according to CEI 23-49. Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

GWT 850°C, according to EN 60695-2-11, relative to the green flush-mounting back-mounting box. Ideal for medical room applications where the earthing point must be inspectable.

### COMPLEMENTARY ITEMS FOR BOXES FOR LIGHTWEIGHT AND PLASTERBOARD WALLS



GW 48 012

#### INTERNAL DIVIDER FOR PT DIN AND PT DIN GREEN WALL BOXES



| Code      | For boxes PT DIN  | For PT DIN GREEN WALL boxes | Pack / Carton |
|-----------|-------------------|-----------------------------|---------------|
| GW48012DY | GW48006 - GW48011 | GW48006PM - GW48009PM       | 50/300        |

## 48 CM GREEN WALL - HIGH-CAPACITY BOXES FOR LIGHTWEIGHT AND PLASTERBOARD WALLS - IP40



**IK  
07**

**IP  
40**

**GWT  
850°C**



### PLAIN LID



GW 48 207 PM

**JUNCTION AND CONNECTION BOXES FOR SIDE-BY-SIDE ASSEMBLY, FOR UPRIGHTS FOR LIGHTWEIGHT AND PLASTERBOARD WALLS PLAIN PLUMBABLE LID - WHITE RAL 9016**



| Code      | Outer dim. LxHxD (mm) | Compartment pre-arrangement | Dispersible max power (W) | Pack / Carton |
|-----------|-----------------------|-----------------------------|---------------------------|---------------|
| GW48207PM | 260x260x121           | 2                           | 13                        | 8             |
| GW48211PM | 520x260x121           | 5                           | 30                        | 6             |

**ACCESSORIES SUPPLIED:** internal dividers, joint elements for combined assembly, self-adhesive symbol labels for circuit identification, and plumbable screws.

**NOTES:** dispersible power calculated according to IEC 60670-24. Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

GWT 850°C, according to EN 60695-2-11, relative to the green flush-mounting back-mounting box.

**CHARACTERISTICS:** Locators to aid tracing the wall along the edges of the box. Boxes equipped with tabs for direct fixing on panels or a metal structure for lightweight and plasterboard walls. Possibility of fixing directly on the back-mounting box of the box. Horizontal modularity.

# Green Wall

## 24 SC GREEN WALL - BOXES FOR MODULAR RANGES AND KNX DEVICES



### RECTANGULAR BOXES FOR LIGHTWEIGHT AND PLASTERBOARD WALLS

#### HIGH CAPACITY RECTANGULAR BOXES FOR MODULAR DOMESTIC RANGES



GW 24 403 PM



| Code        | Description     | Fixing supports axles distance | Compartment pre-arrangement | Outer dim. LxHxD (mm) | Pack / Carton |
|-------------|-----------------|--------------------------------|-----------------------------|-----------------------|---------------|
| GW24403PM   | 3 modules       | 83.5 mm                        | 2                           | 110x73x50             | 9/180         |
| GW24403PMDY | 3 modules       | 83.5 mm                        | 3                           | 119x80x50             | 9/180         |
| GW24404PM   | 4 modules       | 108.5 mm                       | 2                           | 133x73x50             | 2/120         |
| GW24404PMDY | 4 modules       | 108.5 mm                       | 4                           | 144x85x50             | 2/120         |
| GW24406PM   | 6-7 modules     | 100 mm                         | 3                           | 182x73x50             | 2/60          |
| GW24406PMDY | 6-7 modules     | 100 mm                         | 6                           | 194x90x50             | 2/60          |
| GW24237PM   | 8 modules (4+4) | 108.5 mm                       | 2                           | 131x129x53            | 2/24          |
| GW24237PMDY | 8 modules (4+4) | 108.5 mm                       | 2                           | 131x129x53            | 1/24          |

**CHARACTERISTICS:** high resistance to mechanical stress and crushing. Removal of the knockouts without the use of tools. GW24403PM, GW24404PM, GW24406PM with unlosable metal grips and inserts with adjustable depth for fixing. GW24237PM with tabs for direct fixing on panels or a metal structure.

It is recommended to use a Ø 68 mm hollow mill for the correct installation of the rectangular boxes.

**NOTES:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

GWT 850°C, according to EN 60695-2-11, relative to the green flush-mounting box.

### ROUND BOXES FOR LIGHTWEIGHT AND PLASTERBOARD WALLS

#### FLUSH-MOUNTING ROUND BOXES Ø65 WITH ADJUSTABLE DEPTH INSERTS



GW 24 234 PM



| Code        | Description | Fixing supports axles distance | Dimensions (mm) | Pack / Carton |
|-------------|-------------|--------------------------------|-----------------|---------------|
| GW24234PM   | Round       | 60 mm                          | Ø 65x45         | 5/200         |
| GW24234PMDY | Round       | 60 mm                          | Ø 65x45         | 5/200         |
| GW24282PM   | Double      | -                              | 125x72x45       | 2/108         |

**CHARACTERISTICS:** high resistance to mechanical stress and crushing. GW24282PM vertical assembly to be used in combination with 2 pcs vertically coupled GW16821 or GW16822 or GW16823 supports, (removing the knockouts located on their contact side) and the ChoruSmart International plates, 2 vertical gangs, 57 mm centre distance; Supplied with 4 pcs fixing screws. GW24234PM to be used in combination with GW16821 or GW16822 or GW16823 supports and the ChoruSmart International plates. Supplied with 4 pcs fixing screws. Removal of the knockouts without the use of tools. It is recommended to use a Ø 65 mm router bit for the correct installation of the round boxes.

**NOTES:** Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

GWT 850°C, according to EN 60695-2-11 relative to the green flush-mounting box. for the inputs, remove the knockouts after cutting the relative tangs using scissors.

### COMPLEMENTARY ITEMS FOR BOXES FOR LIGHTWEIGHT AND PLASTERBOARD WALLS - 24 SC GREEN WALL

#### LID FOR ROUND FLUSH-MOUNTING BOXES - WHITE



GW 24 218

| Code      | Description | Fixing               | Pack / Carton |
|-----------|-------------|----------------------|---------------|
| GW24218   | Ø 65mm      | With fixing clutches | 50/400        |
| GW24218CO | Ø 65mm      | With fixing clutches | 1/200         |
| GW24218DY | Ø 65mm      | With fixing clutches | 1/400         |



# Green Wall



Scan the QR Code and find out all the technical informations.

## VERSATILE AND SAFE FIXING



The fixing tabs on the enclosures allow fixing on plasterboard metal struts or panels. The clamps on the wiring devices boxes allow installation on plasterboard panels. The fixing holes allow surface mounting in the case of renovation.

## SIMPLE AND INNOVATIVE



The 24 SC Green Wall range has been completely renewed: the special geometry of the knock-out holes enables convenient insertion of the conduit, which is held firmly in place. The "L" profile allows the conduit to be rotated vertically within its fitting.

## HIGH QUALITY MATERIALS



Constant research in the field of plastic materials has enabled the use of materials with high mechanical strength, that are halogen-free, and that pass the GWT 850°C Glow Wire Test, in accordance with the specific product standard and the CEI [Comitato Elettrotecnico Italiano] 64/8 system standard.

# 40 CDi

## Flush-mounting distribution boards and enclosures

The widest offer of flush-mounting distribution boards and enclosures currently available on the market. Seven families designed to offer advanced solutions in the residential and commercial sector, also available in halogen-free material. Versions from 2 to 72 modules, degree of protection from IP40 to IP55 and special versions for plasterboard. The range includes also two Multimedia Enclosures: Full Version (54 modules) and Compact Version (36 modules).



### 40 CDi - DECORATIVE ENCLOSURES - IP40



IK  
08

IP  
40

GWT  
650°C



#### SMOKED TRANSPARENT DOOR



GW 40 229 TB

#### DECORATIVE ENCLOSURES PRE-ARRANGED FOR HOUSING TERMINAL BLOCKS



| Code  | Colour             | Front dim. LxHxD (mm) | Spare base | Dispersible power (W) | Pack / Carton |
|---|--------------------|-----------------------|------------|-----------------------|---------------|
| <b>No. of modules EN 50022: 4+1/2</b>       |                    |                       |            |                       |               |
| GW40237TB                                   | White              | 148x165x23            | GW40671    | 13                    | 12            |
| GW40237TBDY                                 | White              | 148x165x23            | GW40671    | 13                    | 1/12          |
| GW40237TN                                   | Black              | 148x165x23            | GW40671    | 13                    | 12            |
| GW40237VT                                   | Varnished titanium | 148x165x23            | GW40671    | 13                    | 12            |
| GW40237VA                                   | Varnished slate    | 148x165x23            | GW40671    | 13                    | 12            |
| <b>No. of modules EN 50022: 8+1/2</b>       |                    |                       |            |                       |               |
| GW40225TB                                   | White              | 250x195x26            | GW40673    | 19                    | 16            |
| GW40225TBDY                                 | White              | 250x195x26            | GW40673    | 19                    | 1/16          |
| GW40225TN                                   | Black              | 250x195x26            | GW40673    | 19                    | 16            |
| GW40225VT                                   | Varnished titanium | 250x195x26            | GW40673    | 19                    | 16            |
| GW40225VA                                   | Varnished slate    | 250x195x26            | GW40673    | 19                    | 16            |
| <b>No. of modules EN 50022: 12+1</b>        |                    |                       |            |                       |               |
| GW40229TB                                   | White              | 330x218x25            | GW40674    | 24                    | 12            |
| GW40229TBDY                                 | White              | 330x218x25            | GW40674    | 24                    | 1/12          |
| GW40229TN                                   | Black              | 330x218x25            | GW40674    | 24                    | 12            |
| GW40229VT                                   | Varnished titanium | 330x218x25            | GW40674    | 24                    | 12            |
| GW40229VA                                   | Varnished slate    | 330x218x25            | GW40674    | 24                    | 12            |
| <b>No. of modules EN 50022: 24+2 (12x2)</b> |                    |                       |            |                       |               |
| GW40233TB                                   | White              | 330x338x28            | GW40677    | 25                    | 5             |
| GW40233TBDY                                 | White              | 330x338x28            | GW40677    | 25                    | 1/5           |
| GW40233TN                                   | Black              | 330x338x28            | GW40677    | 25                    | 5             |
| GW40233VT                                   | Varnished titanium | 330x338x28            | GW40677    | 25                    | 5             |
| GW40233VA                                   | Varnished slate    | 330x338x28            | GW40677    | 25                    | 5             |
| <b>No. of modules EN 50022: 36+3 (12x3)</b> |                    |                       |            |                       |               |
| GW40239TB                                   | White              | 330x493x28            | GW40679    | 42                    | 5             |
| GW40239TBDY                                 | White              | 330x493x28            | GW40679    | 42                    | 1/5           |
| GW40239TN                                   | Black              | 330x493x28            | GW40679    | 42                    | 5             |
| GW40239VT                                   | Varnished titanium | 330x493x28            | GW40679    | 42                    | 5             |
| GW40239VA                                   | Varnished slate    | 330x493x28            | GW40679    | 42                    | 5             |

**ACCESSORIES SUPPLIED:** 6.5 M module-covering profiles co-ordinated with the colour of the enclosure front (for 4, 8 and 12-module enclosures - 1 profile; for 24-module enclosures - 2 profiles; for 36-module enclosures - 3 profiles), circuit labels, mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

**NOTES:** Dispersible power calculated according to CEI 23-49.

**CHARACTERISTICS:** Module-covering profiles can be divided into 1/2 module elements, using scissors.

Mortar guard element assembled by pressing on the base opening. Thermo-pressure with ball equal to 70°C.

IP40 guaranteed even with open door, in the case of wall-embedded installation using devices of at least IP40 and the module-covering profiles supplied.

Bottoms of 8 and 12 module enclosures can be assembled side-by-side using combined coupling element GW40425.

Enclosures composed by front cover; Front of the enclosure and DIN rail frame fully compatible with the bottom of the previous decorative flush mounting enclosures 40CDi Range DIN frame, terminal blocks and back plastic bottom.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDi range.

## BLANK DOOR



GW 40 293 TB

### DECORATIVE ENCLOSURES PREDISPOSED FOR HOUSING TERMINAL BLOCKS -WHITE



| Code      | No. of modules EN 50022 | Colour | Outer dim. LxHxD (mm) | Dispersible power (W) | Spare base | Pack / Carton |
|-----------|-------------------------|--------|-----------------------|-----------------------|------------|---------------|
| GW40287TB | 4                       | White  | 148x165x23            | 13                    | GW40671    | 12            |
| GW40285TB | 8                       | White  | 250x195x26            | 19                    | GW40673    | 16            |
| GW40289TB | 12                      | White  | 330x218x25            | 24                    | GW40674    | 12            |
| GW40293TB | 24 (12X2)               | White  | 330x338x28            | 25                    | GW40677    | 5             |
| GW40299TB | 36 (12x3)               | White  | 330x493x28            | 42                    | GW40679    | 5             |

**ACCESSORIES SUPPLIED:** 6.5 M module-covering profiles co-ordinated with the colour of the enclosure front (for 4, 8 and 12-module enclosures - 1 profile; for 24-module enclosures - 2 profiles; for 36-module enclosures - 3 profiles), circuit labels, mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

**NOTES:** Dispersible power calculated according to CEI 23-49.

**CHARACTERISTICS:** Module-covering profiles can be divided into 1/2 module elements, using scissors.

Mortar guard element assembled by pressing on the base opening. Thermo-pressure with ball equal to 70°C.

IP40 guaranteed even with open door, in the case of wall-embedded installation using devices of at least IP40 and the module-covering profiles supplied.

Bottoms of 8 and 12 module enclosures can be assembled side-by-side using combined coupling element GW40425.

Enclosures composed by front cover; Front of the enclosure and DIN rail frame fully compatible with the bottom of the previous decorative flush mounting enclosures 40CDi Range DIN frame, terminal blocks and back plastic bottom.

**INSTALLATION:** for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDi range.

## 40 CDKI - PROTECTED MODULAR ENCLOSURES AND DISTRIBUTION BOARDS - IP40



**IK  
08**

**IP  
40**

**GWT  
650°C**



### SMOKED TRANSPARENT DOOR



GW 40 602

#### ENCLOSURES PREDISPOSED FOR TERMINAL BLOCK HOUSING WITH EXTRACTABLE FRAME - WHITE RAL 9016



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40601 | 2                       | 83x160x74             | 12                    | 60            |
| GW40602 | 4                       | 120x160x85            | 18                    | 36            |
| GW40603 | 6                       | 200x170x85            | 19                    | 21            |
| GW40604 | 8                       | 240x195x85            | 20                    | 12            |
| GW40605 | 12                      | 330x270x85            | 36                    | 8             |
| GW40608 | 18                      | 465x310x85            | 50                    | 4             |

**CHARACTERISTICS:** GW40601, provided without the door and with the DIN rail fixed directly on the back plate.

Thermo-pressure with ball equal to 70 °C.

Flush-mounting boxes in 12 and 18 modules can be assembled side-by-side through the coupling tool code GW40425.

**ACCESSORIES SUPPLIED:** Module masks, circuit labels.

For GW40604, GW40605 and GW40608, self-adhesive labels to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dissipated power calculated according to CEI 23-49.

Upon request, starting from the 8 modules version, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.

**INSTALLATION:** For the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDi range.



GW 40 604 BS

#### ENCLOSURES EQUIPPED WITH 80 A IP20 BIPOLAR SCREW TERMINAL BLOCK AND EXTRACTABLE FRAME - WHITE RAL 9016

| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------|
| GW40604BS | 8                       | 240x195x85            | 20                    | N/E (2x16) + (7x10)       | N/E (2x16) + (7x10)       | 12            |
| GW40605BS | 12                      | 330x270x85            | 36                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 8             |
| GW40608BS | 18                      | 465x310x85            | 50                    | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | 4             |

**CHARACTERISTICS:** Thermo-pressure with ball equal to 70°C. Bottoms of 12 and 18 module enclosures can be assembled side-by-side using combined coupling element GW40425.

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive labels to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. Upon request, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.



GW 40 606

#### DISTRIBUTION BOARDS WITH WINDOWED PANEL AND EXTRACTABLE FRAME PREDISPOSED FOR TERMINAL BLOCK HOUSING - WHITE RAL 9016



| Code    | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pack / Carton |
|---------|-------------------------|-----------------------|-----------------------|---------------|
| GW40606 | 24 (12x2)               | 330x420x85            | 37                    | 6             |
| GW40609 | 36 (18x2)               | 465x505x85            | 52                    | 3             |
| GW40610 | 54 (18x3)               | 465x680x95            | 62                    | 2             |
| GW40611 | 72 (18x4)               | 465x880x95            | 95                    | 1             |

**ACCESSORIES SUPPLIED:** Module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dissipated power calculated according to CEI 23-49.

Upon request, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.

**CHARACTERISTICS:** Lead sealable and removable panels with windows. Thermo-pressure with ball equal to 70 °C.

Flush-mounting boxes can be assembled side-by-side through the coupling tool code GW40425.

**INSTALLATION:** For the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDi range.





GW 40 606 BD

### DISTRIBUTION BOARDS WITH WINDOWED AND 80 A IP20 BIPOLAR SCREW TERMINAL BLOCK AND EXTRACTABLE FRAME WHITE RAL 9016

| Code      | No. of modules EN 50022 | Outer dim. LxHxD (mm) | Dispersible power (W) | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Pack / Carton |
|-----------|-------------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------|
| GW40606BS | 24 (12X2)               | 330x420x85            | 37                    | N/E (3x16) + (11x10)      | N/E (3x16) + (11x10)      | 6             |
| GW40606BD | 24 (12X2)               | 330x420x85            | 37                    | N/E 2x[(3x16) + (11x10)]  | N/E 2x[(3x16) + (11x10)]  | 6             |
| GW40609BS | 36 (18x2)               | 465x505x85            | 52                    | N/E (3x16) + (17x10)      | N/E (3x16) + (17x10)      | 3             |
| GW40609BD | 36 (18x2)               | 465x505x85            | 52                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 3             |
| GW40610BD | 54 (18x3)               | 465x680x95            | 62                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 2             |
| GW40610BT | 54 (18x3)               | 465x680x95            | 62                    | N/E 3x[(3x16) + (17x10)]  | N/E 3x[(3x16) + (17x10)]  | 2             |
| GW40611BD | 72 (18x4)               | 465x855x95            | 95                    | N/E 2x[(3x16) + (17x10)]  | N/E 2x[(3x16) + (17x10)]  | 1             |
| GW40611BQ | 72 (18x4)               | 465x880x95            | 95                    | N/E 4x[(3x16) + (17x10)]  | N/E 4x[(3x16) + (17x10)]  | 1             |

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. Upon request, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.

**CHARACTERISTICS:** removable and plumbable panels with windows. Thermo-pressure with ball equal to 70°C. Bottoms of enclosures can be assembled side-by-side using combined coupling element GW40425.

## 40 CDE - GERMAN STANDARD FLUSH-MOUNTING DISTRIBUTION BOARDS

### METAL DOOR DISTRIBUTION BOARDS - IP40



GW 40 153 N

#### DISTRIBUTION BOARDS FOR BRICK WALLS EQUIPPED WITH BIPOLAR TERMINAL BLOCKS - RAL 9016

| Code            | No. of modules EN 50022 | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Dispersible power (W) | Pack / Carton |
|-----------------|-------------------------|---------------------------|---------------------------|-----------------------|---------------|
| <b>GW40151N</b> | 12+2                    | N (2x16)+(8x10)           | PE (2x16)+(8x10)          | 60                    | 1             |
| <b>GW40152N</b> | 24+4 (12x2)             | N (2x16)+(14x10)          | PE (2x16)+(14x10)         | 80                    | 1             |
| <b>GW40153N</b> | 36+6 (12x3)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 90                    | 1             |
| <b>GW40154N</b> | 48+8 (12x4)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 100                   | 1             |
| <b>GW40155N</b> | 60+10 (12x5)            | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 120                   | 1             |

**Accessories supplied:** positioning brackets, mortar guard, certification label, modules cover, terminal blocks.

**Notes:** extractable frame already installed.



GW 40 161 N

#### DISTRIBUTION BOARDS FOR PLASTERBOARD (GWT 850 °C) WALLS EQUIPPED WITH BIPOLAR TERMINAL BLOCKS - RAL 9016

| Code            | No. of modules EN 50022 | Pole 1 (mm <sup>2</sup> ) | Pole 2 (mm <sup>2</sup> ) | Dispersible power (W) | Pack / Carton |
|-----------------|-------------------------|---------------------------|---------------------------|-----------------------|---------------|
| <b>GW40161N</b> | 12+2                    | N (2x16)+(8x10)           | PE (2x16)+(8x10)          | 60                    | 1             |
| <b>GW40162N</b> | 24+4 (12x2)             | N (2x16)+(14x10)          | PE (2x16)+(14x10)         | 80                    | 1             |
| <b>GW40163N</b> | 36+6 (12x3)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 90                    | 1             |
| <b>GW40164N</b> | 48+8 (12x4)             | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 100                   | 1             |
| <b>GW40165N</b> | 60+10 (12x5)            | N 2x[(2x16)+(14x10)]      | PE 2x[(2x16)+(14x10)]     | 120                   | 1             |

**Accessories supplied:** installation brackets, plaster guard, certification label, modules cover, terminal blocks.

**Notes:** extractable frame already installed.

## METAL DOOR MULTIMEDIA ENCLOSURE - IP40



GW 40 173 N

### MULTIMEDIA ENCLOSURES FOR BRICK WALLS - RAL 9016

| Code     | No. line | Pack / Carton |
|----------|----------|---------------|
| GW40173N | 3        | 1             |
| GW40174N | 4        | 1             |

**Accessories supplied:** positioning brackets, mortar guard, 1x multimedia device bracket, 2x Schuko socket, 2x supports, 1x Dahlia plate

**Notes:** perforated mounting plates and patch panel already installed.



GW 40 178 N

### MULTIMEDIA ENCLOSURES FOR PLASTERBOARD (GWT 850 °C) WALLS - RAL 9016

| Code     | No. line | Pack / Carton |
|----------|----------|---------------|
| GW40178N | 3        | 1             |
| GW40179N | 4        | 1             |

**Accessories supplied:** installation brackets, plaster guard, 1x multimedia device bracket, 2x Schuko socket, 2x supports, 1x Dahlia plate

**Notes:** perforated mounting plates and patch panel already installed.

## COMPLEMENTARY ITEMS



GW 40 454 N

### TERMINAL BLOCKS

| Code            | Description   | Pack / Carton |
|-----------------|---|---------------|
| <b>GW40454N</b> | N+PE terminal block (2x16 mm <sup>2</sup> + 14x10 mm <sup>2</sup> ) | 1             |
| <b>GW40455N</b> | Terminal block N (7x16mm <sup>2</sup> )                             | 1             |



GW 40 467

### ACCESSORIES

| Code            | Description   | Pack / Carton |
|-----------------|---|---------------|
| <b>GW40461N</b> | Pair of brackets for horizontal coupling                  | 1             |
| <b>GW40463N</b> | Safety lock for German standard flush-mounting enclosures | 1             |
| <b>GW40467</b>  | Plastic module cover profile                              | 50            |



# 40 CDi



Scan the QR Code and find out all the technical informations.

## 40 CDi - DECORATIVE ENCLOSURES



The enclosures feature a modern, elegant and linear design that matches the shapes and colours of the Chorusmart wiring devices. Available in four colours, the white version is available with smoked transparent or blank doors.

## 40 CDKi - PROTECTED ENCLOSURES AND DISTRIBUTION BOARDS



The 40 CDKi enclosures and distribution boards come in 10 sizes (from 2 to 72 modules) and various models, available in smoked transparent door versions (particularly suitable for the tertiary and industrial sectors) and with blank doors ideal for home automation applications.

## MULTIMEDIA ENCLOSURES FOR MULTISERVICE SYSTEMS



The offer is completed by the multimedia enclosures, which contain and sort the services and optical signals intended for the apartment, hosting the passive components (apartment termination box, mixers, filters) and active devices (modems, switches, signal amplifiers) of the home system.

# 48

## Flush-mounting junction and modular boxes range

The system is composed of three ranges:

48 PT / 48 PT DIN Range with moulded DIN rail, compliant to CEI 23-48, suitable to install also H&B devices; 48 CM Range composed of high-capacity junction boxes, suitable to create distribution columns; 48 PTC Range composed of modular junction, control and distribution boxes. All boxes are made with Halogen Free technopolymer.



### 48 PT / PT DIN - JUNCTION, CONNECTION AND DOMOTIC BOXES - IP40



**IK  
07**

**IP  
40**

**GWT  
650°C**



#### FOR BRICK WALLS



GW 48 004

#### 48 PT - JUNCTION AND CONNECTION BOXES FOR SIDE-BY-SIDE ASSEMBLY - WHITE LID RAL 9016



| Code             | Outer dim. LxHxD (mm) | Compartment pre-arrangement | Pack / Carton |
|------------------|-----------------------|-----------------------------|---------------|
| <b>GW48001</b>   | 92x92x45              | 1                           | 162           |
| <b>GW48001DY</b> | 92x92x45              | 1                           | 1/162         |
| <b>GW48002</b>   | 118x96x50             | 1                           | 114           |
| <b>GW48002DY</b> | 118x96x50             | 1                           | 1/114         |
| <b>GW48003</b>   | 118x96x70             | 1                           | 84            |
| <b>GW48003DY</b> | 118x96x70             | 1                           | 1/84          |
| <b>GW48004</b>   | 152x98x70             | 1                           | 64            |
| <b>GW48004DY</b> | 152x98x70             | 1                           | 1/64          |
| <b>GW48005</b>   | 160x130x70            | 1                           | 49            |
| <b>GW48005DY</b> | 160x130x70            | 1                           | 1/42          |

**CHARACTERISTICS:** surface embossing of the lids to facilitate painting.

External knurling of the base to improve mortar adherence.

Pre-arrangement for combined coupling (both horizontal and vertical) via the joining element GW48051.

Lid protected with heat-shrinking film that also contains the bag of fixing screws.

Mortar guard element assembled by pressing on the base opening.

**ACCESSORIES SUPPLIED:** ø3x25 mm screw kit for lid fixing, mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

**NOTES:** for the inputs, remove the knockouts after cutting the relative tangs with scissors.



GW 48 006

**48 PT DIN - JUNCTION AND CONNECTION BOXES FOR SIDE-BY-SIDE ASSEMBLY WITH DIN RAIL INTEGRATED ON THE BACK-MOUNTING BOX COLOUR: WHITE LID RAL 9016**



| Code             | Outer dim. LxHxD (mm) | Compartment pre-arrangement | No. EN 50022 mod. per comp. | Domotic equipment coupling | Dispersible max power (W) | No. supports GW44720 | Pack / Carton |
|------------------|-----------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------|---------------|
| <b>GW48006</b>   | 196x152x75            | 2                           | 4.5                         | DIN rail                   | 11                        | 2                    | 34            |
| <b>GW48006DY</b> | 196x152x75            | 2                           | 4.5                         | DIN rail                   | 11                        | 2                    | 1/28          |
| <b>GW48007</b>   | 294x152x75            | 3                           | 5                           | DIN rail                   | 13                        | 3                    | 22            |
| <b>GW48007DY</b> | 294x152x75            | 3                           | 5                           | DIN rail                   | 13                        | 3                    | 1/22          |
| <b>GW48008</b>   | 392x152x75            | 4                           | 5                           | DIN rail                   | 17                        | 4                    | 17            |
| <b>GW48008DY</b> | 392x152x75            | 4                           | 5                           | DIN rail                   | 17                        | 4                    | 1/16          |
| <b>GW48009</b>   | 480x160x75            | 3                           | 8                           | DIN rail                   | 25                        | 5                    | 17            |
| <b>GW48010</b>   | 516x202x90            | 3                           | 9                           | DIN rail                   | 29                        | 5                    | 9             |
| <b>GW48011</b>   | 516x294x90            | 6                           | 4                           | DIN rail                   | 30                        | 5                    | 5             |
| <b>GW48011DY</b> | 516x294x90            | 6                           | 4                           | DIN rail                   | 30                        | 5                    | 1/5           |

**APPLICATIONS:** boxes with a built-in DIN rail on the back-mounting box, in accordance with regulations that require to fix by DIN rail the devices that disperse a certain amount of power inside the junction boxes (calculated in compliance with CEI 23-49). Ideal for installation of home and building automation equipment as actuators, power supplies, etc...

**CHARACTERISTICS:** surface embossing of the covers to facilitate painting. External knurling of the base to improve mortar adherence. Pre-arrangement for combined coupling (both horizontal and vertical) via the joining element GW48051. Lid protected with heat-shrinking film that also contains the bag of fixing screws. Mortar guard element assembled by pressing on the base opening.

**ACCESSORIES SUPPLIED:** Junction box GW48011 supplied with 5 internal separators. ø 3x25mm screw kit for lid fixing. Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

**NOTES:** for the inputs, remove the knockouts after cutting the relative tangs with scissors.

**COMPLEMENTARY ITEMS FOR 48 PT / PT DIN E 48 PT DIN GREEN WALL****COMPLEMENTARY ITEMS**

GW 48 012

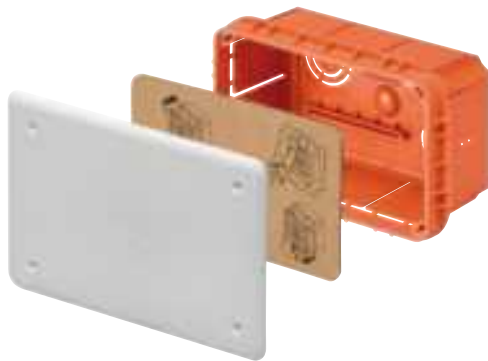
**INTERNAL SEPARATOR FOR PT DIN AND PT DIN GREEN WALL BOXES**

| Code             | For boxes PT DIN  | For PT DIN GREEN WALL boxes | Pack / Carton |
|------------------|-------------------|-----------------------------|---------------|
| <b>GW48012DY</b> | GW48006 - GW48011 | GW48006PM - GW48009PM       | 50/300        |





48



Scan the QR Code and find out all the technical informations.

48 PT / PT DIN BOXES

48 CM BOXES

48 PTC BOXES



The range comes in 11 sizes, complete with mortar guard elements, which enable the creation of junctions for all needs. The 6-11 size boxes have a built-in DIN rail on the bottom, a feature that makes the range unique. Dispersible max power can be used to match the value with domotic and video entryphone devices, a feature that makes the range unique in the market.



Thanks to the great depth of the box, all the models in the range are able to accommodate a greater number of conduits, even of large diameter, vertically and horizontally along the walls. The range has ideal features for junctions along the system uprights.



A system of boxes, enclosures and modular distribution boards for junctions, control and distribution. The IP55 version is the ideal solution in technical rooms, kitchens or spaces where the devices can be accidentally subjected to water jets.

# 24 SC

## Flush-mounting, surface-mounting and underfloor boxes

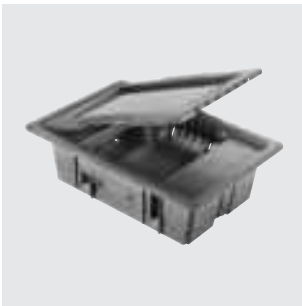
Wide range of surface-mounting and flush-mounting boxes for domestic ranges with high mechanical robustness and accessories supplied: dividers, junction elements, mortarguard shield etc.. Completing the range, the distribution outlet boxes for floor-mounting installations can be personalised in terms of capacity, external design finish, and internal fittings (they take both System range components and DIN rail devices).



## UNDERFLOOR OUTLET BOXES



### UNDERFLOOR OUTLET BOXES - WITH SUPPORTS POSITIONED VERTICALLY



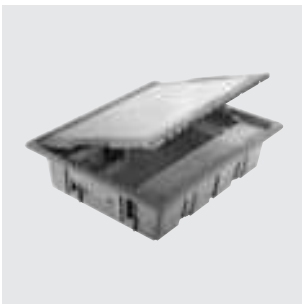
GW 24 601

#### UNDERFLOOR OUTLET BOXES WITH HOLLOW LID - GLOW WIRE TEST 850° C



| Code           | Internal modularity | No. of supports               | Outer dim. LxHxD (mm) | Pack / Carton |
|----------------|---------------------|-------------------------------|-----------------------|---------------|
| <b>GW24601</b> | 10 SYSTEM modules   | 2 supports with 5 System mod. | 212x98x320            | 1             |
| <b>GW24602</b> | 20 SYSTEM modules   | 4 supports with 5 System mod. | 364x98x320            | 1             |

**CHARACTERISTICS:** the supports are suitable for the insertion of plastic mobile dividers (energy/data) included.  
The lid can be removed with the aid of a tool, and can be assembled on either side of the box.  
The lid can be completed by inserting the same finish as used for the floor of the installation area.



GW 24 612

#### UNDERFLOOR OUTLET BOXES WITH STAINLESS STEEL LID - GLOW WIRE TEST 850° C



| Code           | Internal modularity | No. of supports               | Outer dim. LxHxD (mm) | Pack / Carton |
|----------------|---------------------|-------------------------------|-----------------------|---------------|
| <b>GW24611</b> | 10 SYSTEM modules   | 2 supports with 5 System mod. | 212x98x320            | 1             |
| <b>GW24612</b> | 20 SYSTEM modules   | 4 supports with 5 System mod. | 364x98x320            | 1             |

**CHARACTERISTICS:** the supports are suitable for the insertion of plastic mobile dividers (energy/data) included.  
The lid can be removed with the aid of a tool, and can be assembled on either side of the box.  
The lid has a stainless steel design surface finish.

### UNDERFLOOR OUTLET BOXES - WITH SUPPORTS POSITIONED HORIZONTALLY



GW 24 606

#### UNDERFLOOR OUTLET BOXES WITH HOLLOW LID - GLOW WIRE TEST 850° C



| Code           | Internal modularity | No. of bases | No. of supports                | Outer dim. LxHxD (mm) | Pack / Carton |
|----------------|---------------------|--------------|--------------------------------|-----------------------|---------------|
| <b>GW24606</b> | 16 SYSTEM modules   | 1 base       | 8 supports with 2 System mod.  | 212x98x320            | 1             |
| <b>GW24607</b> | 32 SYSTEM modules   | 2 bases      | 16 supports with 2 System mod. | 364x98x320            | 1             |

**CHARACTERISTICS:** each base includes 8 snap-fit System supports.  
The base is fixed with screws to the underfloor outlet box.  
Plastic dividers (energy/data) are already included in the base.  
The lid can be removed with the aid of a tool, and can be assembled on either side of the box.  
The lid can be completed by inserting the same finish as used for the floor of the installation area.



GW 24 616

## UNDERFLOOR OUTLET BOXES WITH STAINLESS STEEL LID - GLOW WIRE TEST 850° C



| Code    | Internal modularity | No. of bases | No. of supports                | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|---------------------|--------------|--------------------------------|-----------------------|---------------|
| GW24616 | 16 SYSTEM modules   | 1 base       | 8 supports with 2 System mod.  | 212x98x320            | 1             |
| GW24617 | 32 SYSTEM modules   | 2 bases      | 16 supports with 2 System mod. | 364x98x320            | 1             |

**CHARACTERISTICS:** each base includes 8 snap-fit System supports.

The base is fixed with screws to the underfloor outlet box.

Plastic dividers (energy/data) are already included in the base.

The lid can be removed with the aid of a tool, and can be assembled on either side of the box.

The lid has a stainless steel design surface finish.

## ACCESSORIES



GW 24 622

### METAL CASING

| Code    | Suitable for outlet boxes          | Pack / Carton |
|---------|------------------------------------|---------------|
| GW24621 | GW24601, GW24611, GW24606, GW24616 | 1             |
| GW24622 | GW24602, GW24612, GW24607, GW24617 | 1             |

**NOTES:** suitable for the laying of the underfloor outlet boxes in cast flooring. Supplied with coupling flanges for conduits and channels. With lid.



GW 24 633

### KIT FOR INSTALLATION OF DEVICES ON DIN RAIL

| Code    | Suitable for outlet boxes          | Pack / Carton |
|---------|------------------------------------|---------------|
| GW24633 | GW24601, GW24611, GW24602, GW24612 | 1/30          |

**CHARACTERISTICS:** suitable for the installation of DIN rail devices - max. 2 modules, only for underfloor outlet boxes with supports positioned vertically.

**NOTES:** the kit includes a DIN rail to be fixed on the back-mounting box of the underfloor outlet box, along with a plastic covering support.

## FLUSH-MOUNTING BOXES FOR MASONRY WALLS



### RECTANGULAR BOXES - BIG BOX



GW 24 403

#### BIG BOX HIGH CAPACITY RECTANGULAR BOXES FOR DOMESTIC, MODULAR AND DOMOTICS RANGES



| Code       | Description      | Fixing supports axles distance | Compartment pre-arrangement | Outer dim. LxHxD (mm) | Pack / Carton |
|------------|------------------|--------------------------------|-----------------------------|-----------------------|---------------|
| GW24403DY  | 3 modules        | 83.5 mm                        | 3                           | 119x80x50             | 15/345        |
| GW24403PDY | 3 modules        | 83.5 mm                        | 3                           | 119x80x50             | 1/200         |
| GW24404DY  | 4 modules        | 108.5 mm                       | 4                           | 144x85x50             | 5/135         |
| GW24404PDY | 4 modules        | 108.5 mm                       | 4                           | 144x85x50             | 1/50          |
| GW24406DY  | 6-7 modules      | 100 mm                         | 6                           | 194x90x50             | 3/36          |
| GW24406PDY | 6-7 modules      | 100 mm                         | 6                           | 194x90x50             | 1/50          |
| GW24237DY  | 8 modules (4+4)  | 108.5 mm                       | 2                           | 131x129x53            | 1/24          |
| GW24238DY  | 12 modules (6+6) | 163.5 mm                       | 2                           | 186x132x53            | 1/24          |

**CHARACTERISTICS:** GW24403, GW24404 and GW24406 can be combined with a reusable, mortar-proof, protective shield; functional dividers and joint elements. GW24206: suitable for assembly of GW24005 self-supporting "Compact" plates and GW24215 - GW24216 blank "Compact" plates.

**ACCESSORIES SUPPLIED:** GW24237, GW24238 and GW24239 include functional dividers.

**APPLICATIONS:** ideal for use in the Home and Building Automation.

**NOTES:** codes ending with "PDY" are equipped with mortar-proof shield.

### SQUARE BOX



GW 24 231

#### MODULAR SQUARE BOX



| Code      | Description         | Fixing supports axles distance | Outer dim. LxHxD (mm) | Pack / Carton |
|-----------|---------------------|--------------------------------|-----------------------|---------------|
| GW24231DY | 2 modules sectional | 60 mm                          | 70x70x50              | 5/200         |

**CHARACTERISTICS:** fitted for multiple horizontal/vertical configurations, with centre distance 71 mm between the boxes. Supplied with 2 fixing screws.

## ROUND BOXES



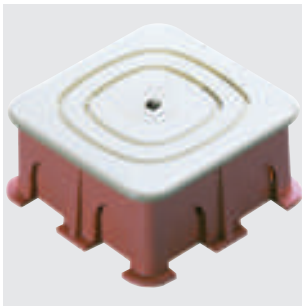
GW 24 208

### ROUND BOXES



| Code      | Description | Dimensions (mm) | Pack / Carton |
|-----------|-------------|-----------------|---------------|
| GW24208DY | Conical     | Ø 60 x 46       | 1/270         |
| GW24209CO | Cylindrical | Ø 65x38         | 1/312         |
| GW24210DY | Cylindrical | Ø 85x42         | 1/220         |

## TELEPHONE SYSTEMS BOX



GW 24 221

### TELEPHONE SYSTEMS BOX - IVORY COLOUR LID

| Code      | Type of installation | Outer dim. LxHxD (mm) | Pack / Carton |
|-----------|----------------------|-----------------------|---------------|
| GW24221DY | Conventional         | 68x68x30              | 20/100        |

**CHARACTERISTICS:** entries for conduits Ø 20 mm.

## WALL-MOUNTING BOXES



### BOXES FOR CHORUSMART RANGE



GW 16 743

#### WALL-MOUNTING BOXES FOR MINI-TRUNKING AND TRUNKING USED AS SKIRTING FOR ONE PLATES



| Code                       | Description | Support | Outer dim. LxHxD (mm) | Pack / Carton |
|----------------------------|-------------|---------|-----------------------|---------------|
| <b>Colour: Satin White</b> |             |         |                       |               |
| GW16743                    | 3 modules   | GW16803 | 118x90x46             | 3/60          |
| GW16744                    | 4 modules   | GW16804 | 140x90x46             | 1/30          |
| <b>Colour: Satin black</b> |             |         |                       |               |
| GW16773                    | 3 modules   | GW16803 | 118x90x46             | 3/30          |
| GW16774                    | 4 modules   | GW16804 | 140x90x46             | 1/30          |

**CHARACTERISTICS:** support and plate not included. Use ONE plates (interchangeability with the entire colour range of plates). Pre-arranged for mini-trunking with dimensions BxH (mm): 15x8, 15x10, 22x10, 30x15.

**NOTES:** fitted for fixing the earth terminal GW26407.



GW 16 752

#### WALL-MOUNTING BOXES FOR MINI-TRUNKING AND TRUNKING USED AS SKIRTING FOR ONE INTERNATIONAL PLATES



| Code                       | Description | Type       | Support | Outer dim. LxHxD (mm) | Pack / Carton |
|----------------------------|-------------|------------|---------|-----------------------|---------------|
| <b>Colour: Satin White</b> |             |            |         |                       |               |
| GW16752                    | 2 modules   | -          | GW16822 | 90x90x46              | 1/30          |
| GW16753                    | 2+2 modules | Horizontal | GW16822 | 161x90x46             | 1/15          |
| GW16754                    | 2+2 modules | Vertical   | GW16822 | 90x161x46             | 1/15          |
| <b>Colour: Satin black</b> |             |            |         |                       |               |
| GW16782                    | 2 modules   | -          | GW16822 | 90x90x46              | 1/30          |
| GW16783                    | 2+2 modules | Horizontal | GW16822 | 161x90x46             | 1/15          |
| GW16784                    | 2+2 modules | Vertical   | GW16822 | 90x161x46             | 1/15          |

**CHARACTERISTICS:** support and plate not included. Use ONE International plates (interchangeability with the entire colour range of the plates).

Pre-arranged for mini-trunking with dimensions BxH (mm): 15x15, 20x20, 22x10, 30x10, 30x15, 35x15, 45x15.

GW16754 and GW16784 to be used together with plates with a centre distance of 71mm.

GW16752 - GW16782 supplied with 2 fixing screws. GW16753 - GW16754 - GW16783 - GW16784 supplied with 6 fixing screws.

**NOTES:** fitted for fixing the earth terminal GW26407.

## BOXES FOR SYSTEM RANGE



GW 22 471

### WALL-MOUNTING BOXES FOR TOP SYSTEM PLATES



| Code      | Suitable for             | Colour      | For trunking dim. (mm) | For conduits max Ø (mm) | Pack / Carton |
|-----------|--------------------------|-------------|------------------------|-------------------------|---------------|
| GW22471   | 1/2/3 modules TOP SYSTEM | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | 3/60          |
| GW22471DY | 1/2/3 modules TOP SYSTEM | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | 3/60          |
| GW22472   | 4 modules TOP SYSTEM     | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | 3/30          |
| GW22472DY | 4 modules TOP SYSTEM     | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | 3/30          |

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.



GW 24 006

### WALL-MOUNTING BOXES FOR COMPACT SELF-SUPPORTING PLATES



| Code    | Suitable for          | Colour      | For trunking dim. (mm) | For conduits max Ø (mm) | Pack / Carton |
|---------|-----------------------|-------------|------------------------|-------------------------|---------------|
| GW24006 | 1/2/3 modules COMPACT | Cloud white | 14x8.5 30x13 20x10     | 16 - 20 - 25            | 3/60          |
| GW24007 | 3+3 modules COMPACT   | Cloud white | 14x8.5 30x13 20x10     | 16 - 20 - 25            | 3/30          |

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.



GW 32 431

### WALL-MOUNTING BOXES FOR VIRNA PLATES



| Code      | Suitable for plates | Colour      | For trunking dim. (mm) | For conduits max Ø (mm) | Pack / Carton |
|-----------|---------------------|-------------|------------------------|-------------------------|---------------|
| GW32431   | 1/2/3 modules       | Cloud white | 15x17 / 22x10 / 25x17  | 16 - 20                 | 3/60          |
| GW32431DY | 1/2/3 modules       | Cloud white | 15x17 / 22x10 / 25x17  | 16 - 20                 | 3/60          |
| GW32432   | 1/2/3 modules       | Toner black | 15x17 / 22x10 / 25x17  | 16 - 20                 | 3/60          |

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.

## BOXES FOR PLAYBUS RANGE



GW 32 431

### WALL-MOUNTING BOXES



| Code      | Suitable for          | Colour      | Pack / Carton |
|-----------|-----------------------|-------------|---------------|
| GW32431   | 1/2/3 modules PLAYBUS | Cloud white | 3/60          |
| GW32431DY | 1/2/3 modules PLAYBUS | Cloud white | 3/60          |
| GW32432   | 1/2/3 modules PLAYBUS | Toner black | 3/60          |

CHARACTERISTICS: fitted for fixing the earth terminal GW26407. Suitable for conduit Ø 16 - 20 mm.

## COMPLEMENTARY ITEMS



GW 24 322

### FUNCTIONAL DIVIDERS IN METAL FOR MODULAR, FLUSH-MOUNTING CONTAINERS

| Code    | Suitable for | Pack / Carton |
|---------|--------------|---------------|
| GW24322 | GW24237      | 10/100        |
| GW24323 | GW24238      | 10/100        |
| GW24324 | GW24239      | 10/100        |

APPLICATIONS: energy separation - signal / separation special circuits.



GW 24 227

### DEEP LIDS FOR 3-GANG FLUSH-MOUNTING RECTANGULAR BOXES TO INTERFACE BETWEEN WALL AND FLUSH INSTALLATIONS - IP40

| Code    | Description  | Colour      | Pack / Carton |
|---------|--------------|-------------|---------------|
| GW24227 | Blank lid    | Cloud white | 5/50          |
| GW24228 | Device frame | Cloud white | 5/50          |

APPLICATIONS: the deep lids allow the system to be extended, deriving additional points for drawing and controlling power from a 3 gang flush-mounting rectangular box. The version with a window, GW24228, permits installing frames and plates with up to 3 gang.

CHARACTERISTICS: for trunking, 15x17 - 22x10 - 25x17mm.



GW 24 211

### BLANK PLATES FOR RECTANGULAR FLUSH-MOUNTING BOXES



| Code    | Description | Configuration | Fixing     | Colour      | Pack / Carton |
|---------|-------------|---------------|------------|-------------|---------------|
| GW24211 | 3 modules   | -             | With screw | Cloud white | 1/120         |
| GW24212 | 3 modules   | -             | With screw | Toner black | 1/120         |
| GW24213 | 4 modules   | -             | With screw | Cloud white | 1/60          |
| GW24214 | 4 modules   | -             | With screw | Toner black | 1/60          |
| GW24215 | 3+3 modules | Overlapping   | With screw | Cloud white | 1/60          |
| GW24216 | 3+3 modules | Overlapping   | With screw | Toner black | 1/60          |



GW 24 218

### LIDS FOR ROUND FLUSH-MOUNTING BOXES

| Code      | Description | Colour         | Fixing               | Pack / Carton |
|-----------|-------------|----------------|----------------------|---------------|
| GW24218   | Ø 65mm      | White RAL 9016 | With fixing clutches | 50/400        |
| GW24218CO | Ø 65mm      | White RAL 9016 | With fixing clutches | 1/200         |
| GW24218DY | Ø 65mm      | White RAL 9016 | With fixing clutches | 1/400         |
| GW24220   | Ø 85mm      | White          | With fixing clutches | 50/600        |
| GW24220DY | Ø 85mm      | White          | With fixing clutches | 1/300         |



GW 24 224

### SPECIAL SELF-TAPPING SCREWS FOR FIXING THE SUPPORTS AND COMPACT SELF-SUPPORTING PLATES

| Code    | Dimensions (mm) | Suitable for             | Pack / Carton |
|---------|-----------------|--------------------------|---------------|
| GW24224 | TC 3.5x17       | Wood, plastic, aluminium | 500/7000      |
| GW24225 | TC 3.5x30       | Deep-mounted boxes       | 300/4200      |
| GW24229 | TC 3.5x50       | Deep-mounted boxes       | 300/4200      |





24 SC



Scan the QR Code and find out all the technical informations.

BOXES FOR BRICK WALLS



The BIG BOX robust, high-capacity boxes are ideal for traditional and smart home applications. They differ to conventional products due to their greater internal space and the large number of accessories available (mortar guards, separators, joining elements, etc.).

BOXES FOR UNDERFLOOR APPLICATIONS

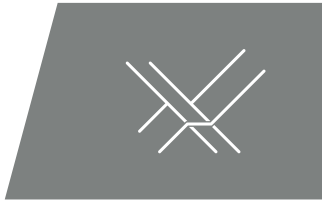


The range of underfloor boxes meets the demands for safety, connectivity and energy usage. 10-20 or 16-32 System module versions, with walkable cover (empty or stainless finish). Also available metal casing for installation in poured cement floors.

BOXES FOR SURFACE-MOUNTING DOMESTIC RANGE PLATES



Developed with an aesthetic line that adapts to the GEWISS domestic series plate design, the wall boxes for the Chorusmart, System and Playbus ranges make quality installations possible even in environments where concealed installation is not possible.



# CONDUITS AND ACCESSORIES FOR INSTALLATION



**RK**

RIGID PROTECTIVE CONDUIT  
SYSTEMS

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**FK**

PLIABLE PROTECTIVE CONDUIT  
SYSTEMS

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## **DF**

FLEXIBLE PROTECTIVE CONDUIT  
SYSTEMS

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## **PZ**

ACCESS CHAMBERS SYSTEMS

*pag. 114*



## **GW FIT**

ACCESSORIES FOR ELECTRICAL  
INSTALLATION

*pag. 118*

# RK

## Rigid protective conduit systems

The system of rigid protective conduits, made of extremely high quality material, guarantees excellent quality such as to offer greater performance. Available with diameters from 16 to 63 mm, in versions RK9 (light), RK15 (medium) and RKB (heavy), made of PVC. Also available Halogne Free versions RK9 HF (light) and RKHF (heavy), made of PP. They may be fully integrated into flexible conduit systems and junction boxes. Completing the offer, a wide range of couplings and routing components with IP40 and IP67 protection ratings.



## RIGID CONDUITS

### IRL/B MEDIUM RIGID CONDUIT - GREY RAL 7035

**CLASSIFICATION**  
**33211**  
EN 50086  
EN 61386



**GWT**  
**960°C**



DX 27 616

#### MEDIUM RIGID CONDUIT - SLEEVED - LENGTH: 2 METRES - PVC

| Code    | Conduits Ø (mm) | Pack / Carton |
|---------|-----------------|---------------|
| DX27616 | 16              | 74/2220       |
| DX27620 | 20              | 48/1344       |
| DX27625 | 25              | 48/864        |
| DX27632 | 32              | 38/532        |
| DX27640 | 40              | 14/350        |
| DX27650 | 50              | 10/240        |



DX 27 716

#### MEDIUM RIGID CONDUIT - SLEEVED - LENGTH: 3 METRES - PVC

| Code    | Conduits Ø (mm) | Pack / Carton |
|---------|-----------------|---------------|
| DX27716 | 16              | 75/3150       |
| DX27720 | 20              | 51/2142       |
| DX27725 | 25              | 51/1224       |
| DX27732 | 32              | 30/780        |
| DX27750 | 50              | 15/360        |

## RK 15 MEDIUM RIGID CONDUIT - GREY RAL 7035

CLASSIFICATION  
**33211**  
EN 50086  
EN 61386



GWT  
**960°C**



DX 25 216

### MEDIUM RIGID CONDUIT - LENGTH: 2 METRES - PVC

| Code    | Conduits Ø (mm) | Pack / Carton |
|---------|-----------------|---------------|
| DX25216 | 16              | 74/2220       |
| DX25220 | 20              | 48/1344       |
| DX25225 | 25              | 48/864        |
| DX25232 | 32              | 38/532        |



DX 25 316

### MEDIUM RIGID CONDUIT - LENGTH: 3 METRES - PVC

| Code    | Conduits Ø (mm) | Pack / Carton |
|---------|-----------------|---------------|
| DX25316 | 16              | 111/3330      |
| DX25320 | 20              | 57/2223       |
| DX25325 | 25              | 57/1311       |
| DX25332 | 32              | 30/780        |
| DX25340 | 40              | 30/540        |
| DX25350 | 50              | 15/360        |
| DX25363 | 63              | 9/180         |

## RKHF HEAVY RIGID CONDUIT, HALOGEN-FREE - GREY RAL 7035

CLASSIFICATION  
**44221**  
EN 50086  
EN 61386



DX 26 216

### HEAVY RIGID CONDUIT - LENGTH: 2 METERS - HALOGEN FREE



| Code    | External Ø conduits (mm) | Internal Ø conduits (mm) | Pack / Carton |
|---------|--------------------------|--------------------------|---------------|
| DX26216 | 16                       | 10.8                     | 60/4620       |
| DX26220 | 20                       | 14.5                     | 46/3542       |
| DX26225 | 25                       | 19.3                     | 48/2640       |
| DX26232 | 32                       | 25.8                     | 36/1980       |
| DX26240 | 40                       | 32.8                     | 30/1080       |
| DX26250 | 50                       | 42.4                     | 18/648        |
| DX26263 | 63                       | 54.6                     | 12/420        |

NOTE: to fix the RKHF conduit, you are advised to use collar clip with a distance between clip to clip equal 50 ÷ 60cm.



DX 26 316

## HEAVY RIGID CONDUIT - LENGTH: 3 METERS - HALOGEN FREE



| Code    | External Ø conduits (mm) | Internal Ø conduits (mm) | Pack / Carton |
|---------|--------------------------|--------------------------|---------------|
| DX26316 | 16                       | 10.8                     | 87/1827       |
| DX26320 | 20                       | 14.5                     | 69/1449       |
| DX26325 | 25                       | 19.3                     | 60/840        |
| DX26332 | 32                       | 25.8                     | 36/504        |

**NOTE:** to fix the RKHF conduit, you are advised to use collar clip with a distance between clip to clip equal 50 = 60cm.

## ROUTING COMPONENTS

### RK CONNECTIONS - GREY RAL 7035



DX 40 016

#### COUPLING - IP40



| Code      | Conduits Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|
| DX40016DY | 16              | 20/80         |
| DX40020DY | 20              | 20/100        |
| DX40025DY | 25              | 20/60         |
| DX40032DY | 32              | 1/20          |
| DX40040DY | 40              | 1/5           |

**NOTE:** DX40063 not Halogen Free



DX 40 116

#### TIGHT RADIUS BEND - IP40



| Code      | Conduits Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|
| DX40116DY | 16              | 20/100        |
| DX40120DY | 20              | 20/100        |
| DX40125DY | 25              | 20/40         |
| DX40132DY | 32              | 1/15          |
| DX40140DY | 40              | 1/8           |
| DX40150   | 50              | 10            |
| DX40163   | 63              | 1             |

**NOTE:** DX40063 not Halogen Free



DX 40 216

#### INSPECTABLE T - IP40

| Code      | Conduits Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|
| DX40216DY | 16              | 20/80         |
| DX40220DY | 20              | 20/100        |
| DX40225DY | 25              | 20/60         |
| DX40232   | 32              | 10/30         |



DX 40 316

### INSPECTABLE BEND - IP40

| Code      | Conduits Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|
| DX40316DY | 16              | 20/100        |
| DX40320DY | 20              | 20/100        |
| DX40325DY | 25              | 20/40         |
| DX40332   | 32              | 10/40         |

## MORBIDX CONNECTIONS - GREY RAL 7035



DX 43 216

### RELEASE CONDUIT-BOX COUPLING - IP67



| Code      | Conduits Ø (mm) | ISO pitch | For holes Ø (mm) | Pack / Carton |
|-----------|-----------------|-----------|------------------|---------------|
| DX43216   | 16              | M 16x1.5  | 16               | 10/360        |
| DX43216DY | 16              | M 16x1.5  | 16               | 1/72          |
| DX43220   | 20              | M 20x1.5  | 20               | 10/300        |
| DX43220DY | 20              | M 20x1.5  | 20               | 1/60          |
| DX43225   | 25              | M 25x1.5  | 25               | 5/180         |
| DX43232   | 32              | M 32x1.5  | 32               | 5/150         |
| DX43240   | 40              | M 40x1.5  | 40               | 5/30          |
| DX43250   | 50              | M 50x1.5  | 50               | 5/15          |



DX 43 416

### RELEASE CONDUIT-SHEATH COUPLING EQUAL DIAMETER - IP65



| Code      | Conduits Ø (mm) | Sheath Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|---------------|
| DX43416   | 16              | 16            | 10/360        |
| DX43416DY | 16              | 16            | 1/72          |
| DX43420   | 20              | 20            | 10/240        |
| DX43420DY | 20              | 20            | 1/48          |
| DX43425   | 25              | 25            | 5/150         |
| DX43432   | 32              | 28            | 5/40          |
| DX43440   | 40              | 40            | 5/20          |

USE: coupling of a rigid protective conduit with a spiral sheath of the DIFLEX range these connections allow rigid conduits and sheaths to have the same internal diameter, making the wiring easy.



DX 43 516

### LA SVOLTA CONDUIT-CONDUIT COUPLING - IP65

| Code      | Conduits Ø (mm) | Working length (mm) | Pack / Carton |
|-----------|-----------------|---------------------|---------------|
| DX43516DY | 16              | 110                 | 1/20          |
| DX43520DY | 20              | 132                 | 1/15          |
| DX43525DY | 25              | 209                 | 1/10          |
| DX43532DY | 32              | 301                 | 1/10          |
| DX43540DY | 40              | 302                 | 1/5           |

## SPEEDY-FLEX COUPLINGS - GREY RAL 7035



GW 50 201

### WATERTIGHT FLEXIBLE COUPLINGS - IP66

| Code      | For external conduits (mm) | External Ø (mm) | Internal Ø (mm) | Length (mm) | Pack / Carton |
|-----------|----------------------------|-----------------|-----------------|-------------|---------------|
| GW50201DY | 16                         | 27              | 13              | 140         | 20/60         |
| GW50202DY | 20                         | 31.5            | 17              | 160         | 20/60         |
| GW50203DY | 25                         | 41              | 21.5            | 205         | 20/40         |
| GW50204DY | 32                         | 55              | 28              | 290         | 20/40         |
| GW50205   | 40                         | 65              | 35.5            | 400         | 6/30          |
| GW50206   | 50                         | 72              | 44.5            | 515         | 6/36          |

**CHARACTERISTICS:** multifunctional couplings allowing the realisation of 0-90° variable angle curves and misaligned conduit-conduit couplings.



GW 50 210

### PROTECTED FLEXIBLE COUPLINGS - IP44

| Code      | For external conduits (mm) | External Ø (mm) | Internal Ø (mm) | Length (mm) | Pack / Carton |
|-----------|----------------------------|-----------------|-----------------|-------------|---------------|
| GW50207DY | 16                         | 24              | 13              | 135         | 20/60         |
| GW50208DY | 20                         | 30              | 17              | 160         | 20/60         |
| GW50209DY | 25                         | 35              | 21.5            | 205         | 20/40         |
| GW50210DY | 32                         | 45              | 28              | 280         | 20/40         |
| GW50211DY | 40                         | 55              | 35.5            | 400         | 1/9           |
| GW50212   | 50                         | 65              | 44.5            | 515         | 6/36          |

**CHARACTERISTICS:** multifunctional couplings allowing the realisation of 0-90° variable angle curves and misaligned conduit-conduit couplings.



## JUNCTION BOXES

### TRIX - GREY RAL 7035



DX 45 003

#### TRIX BOX - IP54

| Code             | Description  | Outer dim. LxHxD (mm) | Pack / Carton |
|------------------|--------------|-----------------------|---------------|
| <b>DX45003DY</b> | TX3-3 inputs | 87x64x53              | 1/20          |

NOTES: Without coupling devices and without caps.

### QUADRIX - GREY RAL 7035



DX 45 004

#### QUADRIX BOX - IP54

| Code             | Description    | Accessories supplied | Outer dim. LxHxD (mm) | Pack / Carton |
|------------------|----------------|----------------------|-----------------------|---------------|
| <b>DX45004DY</b> | QX4-4 inputs   | 1 cap                | 100x106x53            | 1/76          |
| <b>DX45007</b>   | QX7-7 inputs   | 3 caps               | 106x106x53            | 5/60          |
| <b>DX45010</b>   | QX10-10 inputs | 4 caps               | 140x140x53            | 1/16          |

NOTE: Without coupling devices.

## COUPLINGS AND ACCESSORIES - GREY RAL 7035



DX 47 616

### TRIX/QUADRIX-CONDUIT MORBIDX COUPLING

| Code      | Conduits Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|
| DX47616DY | 16              | 25/200        |
| DX47620DY | 20              | 25/175        |
| DX47625DY | 25              | 25/150        |



DX 47 212

### SHEATH-TRIX/QUADRIX COUPLING

| Code      | Sheath Ø (mm) | Pack / Carton |
|-----------|---------------|---------------|
| DX47212DY | 12            | 25/225        |
| DX47216DY | 16            | 25/225        |
| DX47220   | 20            | 10/390        |



DX 47 503

### CABLE - TRIX/QUADRIX CABLE GLAND COUPLING

| Code      | For cables Ø (mm) | Pack / Carton |
|-----------|-------------------|---------------|
| DX47503   | 6                 | 10/300        |
| DX47506DY | 9                 | 25/150        |
| DX47509DY | 12                | 25/150        |



DX 47 000

### CLOSURE CAP

| Code      | Description | Pack / Carton |
|-----------|-------------|---------------|
| DX47000DY | Closing Cap | 25/200        |

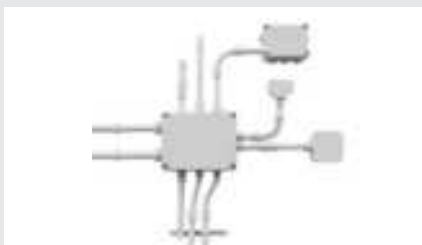


**RK**



Scan the QR Code and find out all the technical informations.

FOR EVERY INSTALLATION NEED



The GEWISS rigid conduit range includes the RK9 (classification 22211), RK9 HF (classification 23431), RK15 (classification 3321), RKB (classification 4321) and RKHF (classification 4422), available in 7 sizes from 16 to 63 mm, and specific routing components for the creation of watertight or protected surface-mounted systems.

SIMPLE AND RELIABLE SYSTEM



The MORBIDIX quick connect system allows the creation of surface mounted systems with IP65 and IP67 ratings, and a significant reduction in installation time. The perfect fit of the O-ring seal material ensures a firm conduit seal even in vertical position or if the conduit is not cut perfectly to size.

HALOGEN-FREE RANGE



RK9 HF, RKHF and a wide range of HF routing components enable the installation of Halogen Free surface-mounting systems, ideal for installations in public environments with high concentrations of people, thanks to lower toxic emissions and less smoke opacity in the event of fire.

# FK

## Pliable protective conduit systems

System of protective corrugated conduits for concealed installation, available in two materials: PVC and Polypropylene (PP) and in different colours for easy identification of the lines according to normative recommendations. The pallets are protected with white stretch film to prevent exposure of the coils to UV rays and ensure at the same time a greater resistance to weathering and improved preservation during external storage.



### SELF-EXTINGUISHING PLIABLE CONDUITS

**CLASSIFICATION**  
**22212**  
EN 50086  
EN 61386



**GWT**  
**960°C**

#### FK9 LIGHT PLIABLE CONDUIT



DX 10 016 R

#### LIGHT GREY RAL 7035 PLIABLE CONDUIT - PVC

| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX10016R                          | 16              | 100/6400      |
| DX10020R                          | 20              | 100/5200      |
| DX10020R50                        | 20              | 50/2250       |
| DX10025R                          | 25              | 75/3300       |
| DX10025R50                        | 25              | 50/2400       |
| DX10032R                          | 32              | 50/1800       |
| DX10032R10                        | 32              | 10/630        |
| DX10032R25                        | 32              | 25/1300       |
| DX10040R                          | 40              | 25/1100       |
| DX10050R                          | 50              | 25/400        |
| <b>Type: with cable puller</b>    |                 |               |
| DX10016R10                        | 50              | 10/2090       |
| DX10016R25                        | 50              | 25/2100       |
| DX10016R50                        | 50              | 50/2700       |
| DX10020R10                        | 50              | 10/1350       |
| DX10020R25                        | 50              | 25/1800       |
| DX10025R10                        | 50              | 10/990        |
| DX10025R25                        | 50              | 25/1125       |
| DX10116R                          | 16              | 100/6400      |
| DX10120R                          | 20              | 100/5200      |
| DX10125R                          | 25              | 75/3300       |
| DX10132R                          | 32              | 50/1800       |
| DX10140R                          | 40              | 25/500        |
| DX10150R                          | 50              | 25/400        |

**APPLICATION:** Recommended for chased wall and ceiling installation. Cable puller-feeder allows the wires to be pulled easily. Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods. Do not remove the protective white film during the storage.

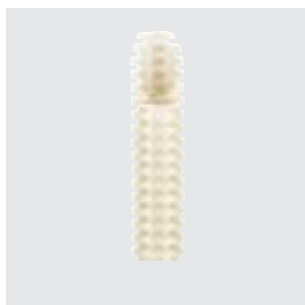
## ARCOBALENO SELF-EXTINGUISHING PLIABLE CONDUITS

CLASSIFICATION  
**33212**  
EN 50086  
EN 61386



GWT  
**960°C**

### FK15 MEDIUM PLIABLE CONDUIT



DX 16 216 R

#### MEDIUM NATURAL WHITE PLIABLE CONDUIT - PVC

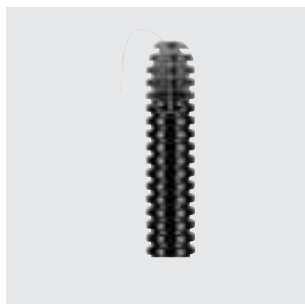
| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX16216R                          | 16              | 100/2800      |
| DX16220R                          | 20              | 100/2400      |
| DX16225R                          | 25              | 75/1500       |
| DX16232R                          | 32              | 50/800        |
| DX16240R                          | 40              | 25/500        |
| DX16250R                          | 50              | 25/400        |
| <b>Type: with cable puller</b>    |                 |               |
| DX16316R                          | 16              | 100/2800      |
| DX16320R                          | 20              | 100/2400      |
| DX16325R                          | 25              | 75/1500       |
| DX16332R                          | 32              | 50/800        |

USE: natural white is recommended for the identification of the co-axial computer cables.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

Do not remove the protective white film during the storage.



DX 15 116 R

#### MEDIUM BLACK PLIABLE CONDUIT - PVC

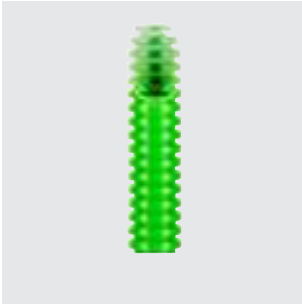
| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX15016R                          | 16              | 100/6400      |
| DX15016R10                        | 16              | 10/2090       |
| DX15016R25                        | 16              | 25/2100       |
| DX15016R50                        | 16              | 50/2700       |
| DX15020R                          | 20              | 100/5200      |
| DX15020R10                        | 20              | 10/1350       |
| DX15020R25                        | 20              | 25/1800       |
| DX15020R50                        | 20              | 50/2250       |
| DX15025R                          | 25              | 75/3300       |
| DX15025R10                        | 25              | 10/990        |
| DX15025R25                        | 25              | 25/1125       |
| DX15032R                          | 32              | 50/1800       |
| DX15032R10                        | 32              | 10/630        |
| DX15040R                          | 40              | 25/1100       |
| DX15050R                          | 50              | 25/400        |
| DX15063R                          | 63              | 20/240        |
| <b>Type: with cable puller</b>    |                 |               |
| DX15116R                          | 16              | 100/6400      |
| DX15120R                          | 20              | 100/5200      |
| DX15125R                          | 25              | 75/3300       |
| DX15132R                          | 32              | 50/1800       |
| DX15140R                          | 40              | 25/500        |
| DX15150R                          | 50              | 25/400        |
| DX15163R                          | 63              | 20/240        |

USE: black is recommended for the identification of the distribution and force lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

Do not remove the protective white film during the storage.



DX 15 216 R

## MEDIUM GREEN PLIABLE CONDUIT - PVC

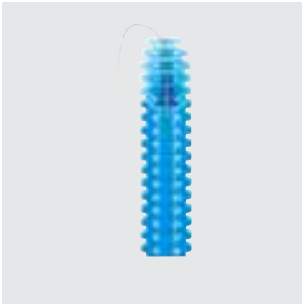
| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX15216R                          | 16              | 100/2800      |
| DX15220R                          | 20              | 100/5200      |
| DX15225R                          | 25              | 75/3300       |
| DX15225R25                        | 25              | 25/1125       |
| DX15232R                          | 32              | 50/800        |
| DX15240R                          | 40              | 25/500        |
| DX15250R                          | 50              | 25/400        |
| <b>Type: with cable puller</b>    |                 |               |
| DX15316R                          | 16              | 100/2800      |
| DX15320R                          | 20              | 100/2400      |
| DX15325R                          | 25              | 75/1500       |
| DX15332R                          | 32              | 50/800        |

**USE:** the green colour is recommended for identifying the telephone lines, BUS lines and domestic automation lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

Do not remove the protective white film during the storage.



DX 15 516 R

## MEDIUM LIGHT BLUE PLIABLE CONDUIT - PVC

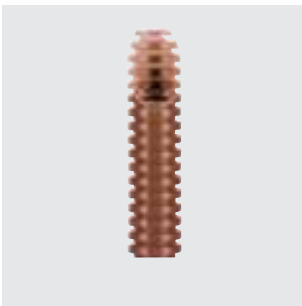
| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX15416R                          | 16              | 100/2800      |
| DX15420R                          | 20              | 100/5200      |
| DX15425R                          | 25              | 75/3300       |
| DX15425R25                        | 25              | 25/1125       |
| DX15432R                          | 32              | 50/800        |
| DX15440R                          | 40              | 25/500        |
| DX15450R                          | 50              | 25/400        |
| <b>Type: with cable puller</b>    |                 |               |
| DX15516R                          | 16              | 100/2800      |
| DX15520R                          | 20              | 100/2400      |
| DX15525R                          | 25              | 75/1500       |
| DX15532R                          | 32              | 50/800        |

**USE:** light blue is recommended for the identification of the entryphone lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

Do not remove the protective white film during the storage.



DX 15 616 R

## MEDIUM BROWN PLIABLE CONDUIT - PVC

| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX15616R                          | 16              | 100/2800      |
| DX15620R                          | 20              | 100/2400      |
| DX15625R                          | 25              | 75/1500       |
| DX15632R                          | 32              | 50/800        |
| DX15625R25                        | 25              | 25/1125       |
| DX15640R                          | 40              | 25/500        |
| DX15650R                          | 50              | 25/400        |
| <b>Type: with cable puller</b>    |                 |               |
| DX15716R                          | 16              | 100/2800      |
| DX15720R                          | 20              | 100/2400      |
| DX15725R                          | 25              | 75/1500       |
| DX15732R                          | 32              | 50/800        |

**USE:** brown is recommended for the identification of the emergency light and alarm lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

Do not remove the protective white film during the storage.



DX 15 916 R

### MEDIUM LILAC PLIABLE CONDUIT - PVC

| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX15816R                          | 16              | 100/2800      |
| DX15820R                          | 20              | 100/2400      |
| DX15825R                          | 25              | 75/1500       |
| DX15825R25                        | 25              | 25/1125       |
| DX15832R                          | 32              | 50/800        |
| DX15840R                          | 40              | 25/500        |
| DX15850R                          | 50              | 25/400        |
| <b>Type: with cable puller</b>    |                 |               |
| DX15916R                          | 16              | 100/2800      |
| DX15920R                          | 20              | 100/2400      |
| DX15925R                          | 25              | 75/1500       |
| DX15932R                          | 32              | 50/800        |

**USE:** lilac is recommended for the identification of the cable radio and hi-fi lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

Do not remove the protective white film during the storage.

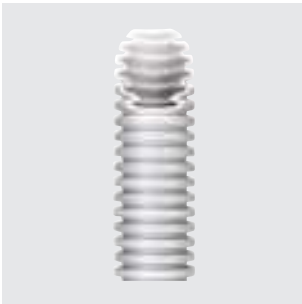
## PLIABLE CONDUITS ICTA

**CLASSIFICATION**  
**34223**  
EN 50086  
EN 61386



**GWT**  
**850°C**

### ICTA - MEDIUM PLIABLE CONDUIT - HALOGEN FREE - LOW SMOKE



DX 20 016 R

#### MEDIUM PLIABLE CONDUIT, GREY RAL 7035, SELF-EXTINGUISHING AND SELF-RECOVERING - PP



| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX20016R                          | 16              | 100/6400      |
| DX20020R                          | 20              | 100/5200      |
| DX20025R                          | 25              | 75/3300       |
| DX20032R                          | 32              | 50/1800       |
| DX20040R                          | 40              | 25/500        |
| DX20050R                          | 50              | 25/400        |
| DX20063R                          | 63              | 20/240        |
| <b>Type: with cable puller</b>    |                 |               |
| DX20116R                          | 16              | 100/6400      |
| DX20120R                          | 20              | 100/5200      |
| DX20125R                          | 25              | 75/3300       |
| DX20132R                          | 32              | 50/1800       |
| DX20140R                          | 40              | 25/500        |
| DX20150R                          | 50              | 25/400        |
| DX20163R                          | 63              | 20/240        |

**USE:** the cable puller-feeder allows the wires to be pulled easily. Conformity to standards refers to the protective conduit and not to the cable puller-feeder.  
Do not expose the conduits to direct solar irradiation for long periods.  
Do not remove the protective white film during the storage.





DX 20 516 R

**MEDIUM PLIABLE CONDUIT, DARK GREY, SELF-EXTINGUISHING AND SELF-RECOVERING - PP**



| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX20416R                          | 16              | 100/6400      |
| DX20420R                          | 20              | 100/5200      |
| DX20425R                          | 25              | 75/3300       |
| DX20432R                          | 32              | 50/1800       |
| DX20440R                          | 40              | 25/500        |
| DX20450R                          | 50              | 25/400        |
| DX20463R                          | 63              | 20/240        |
| <b>Type: with cable puller</b>    |                 |               |
| DX20516R                          | 16              | 100/6400      |
| DX20520R                          | 20              | 100/5200      |
| DX20525R                          | 25              | 75/3300       |
| DX20532R                          | 32              | 50/1800       |
| DX20540R                          | 40              | 25/500        |
| DX20550R                          | 50              | 25/400        |
| DX20563R                          | 63              | 20/240        |

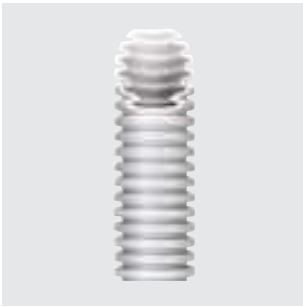
**USE:** the cable puller-feeder allows the wires to be pulled easily. Conformity to standards refers to the protective conduit and not to the cable puller-feeder.  
Do not expose the conduits to direct solar irradiation for long periods.  
Do not remove the protective white film during the storage.

## PLIABLE CONDUIT FKHF HALOGEN-FREE

**CLASSIFICATION**  
**23223**  
EN 50086  
EN 61386



### FKHF LIGHT PLIABLE CONDUIT



DX 23 216 R

#### LIGHT PLIABLE CONDUIT, GREY, HALOGEN-FREE, SELF-EXTINGUISHING AND SELF-RECOVERING - PP



| Code                              | Conduits Ø (mm) | Pack / Carton |
|-----------------------------------|-----------------|---------------|
| <b>Type: without cable puller</b> |                 |               |
| DX23216R                          | 16              | 100/2800      |
| DX23220R                          | 20              | 100/5200      |
| DX23225R                          | 25              | 75/3300       |
| DX23232R                          | 32              | 50/800        |
| DX23240R                          | 40              | 25/500        |
| DX23250R                          | 50              | 25/400        |
| DX23263R                          | 63              | 20/240        |
| <b>Type: with cable puller</b>    |                 |               |
| DX23316R                          | 16              | 100/2800      |
| DX23320R                          | 20              | 100/5200      |
| DX23325R                          | 25              | 75/3300       |
| DX23332R                          | 32              | 50/800        |
| DX23340R                          | 40              | 25/500        |
| DX23350R                          | 50              | 25/400        |
| DX23363R                          | 63              | 20/240        |

**USE:** the cable puller-feeder allows the wires to be pulled easily. Conformity to standards refers to the protective conduit and not to the cable puller-feeder.



FK



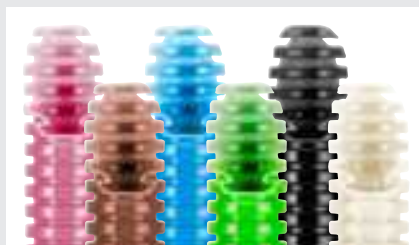
Scan the QR Code and find out all the technical informations.

FK-XTREME COEXTRUDED MEDIUM CONDUIT



The FK-Xtreme conduits, thanks to their special double-walled design, ensure total protection from the penetration of liquid cement components. The outer coating offers additional resistance during construction work against trampling, crushing and impact, even at low temperatures (down to -25°C).

FK15 ARCOBALENO MEDIUM CONDUIT



Available in versions with or without cable puller feeder and in six different colourways for all ordinary construction installations. A ringed profile gives the conduits better flexibility, higher load resistance and reduced thermal memory.

ICTA SELF-RECOVERING MEDIUM CONDUIT



Those with classification 34223 have high resistance to impact and a wide range of operating temperatures. Made of LSZH (Low Smoke Zero Halogen) material, they are ideal in public environments (e.g. theatres, schools, etc.). Also available in version with cable pullers.

# DF

## Flexible protective conduit systems

The DF range of flexible protective conduits and accessories provide protection for the wiring of moving mechanical parts, as well as the interface between rigid conduits, junction boxes and distribution boards for the completion of exposed systems in tertiary and industrial sectors. Available in two mechanical strength levels, two colours and 14 diameters from 8 to 60 mm.



### SELF-EXTINGUISHING INSULATING SHEATHS

**CLASSIFICATION**  
**2311**  
EN 50086  
EN 61386



**GWT**  
**960°C**

#### DIFLEX SPIRALLED SHEATH

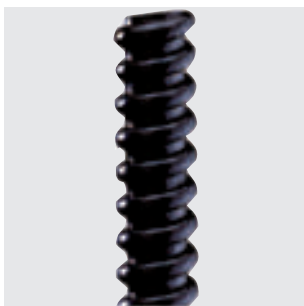


DX 30 008

##### DIFLEX SPIRALLED SHEATH - GREY RAL 7035 - PVC

| Code    | Sheath Ø (mm) | Pack / Carton |
|---------|---------------|---------------|
| DX30010 | 10            | 30/1800       |
| DX30012 | 12            | 30/1800       |
| DX30016 | 16            | 30/1080       |
| DX30020 | 20            | 30/1080       |
| DX30022 | 22            | 30/720        |
| DX30025 | 25            | 30/600        |
| DX30028 | 28            | 30/480        |
| DX30032 | 32            | 30/480        |
| DX30035 | 35            | 30/480        |
| DX30040 | 40            | 30/360        |
| DX30050 | 50            | 30/180        |
| DX30060 | 60            | 30/120        |

**NOTE:** the specified measurements must be considered internal diameters. Do not expose the sheaths to direct sunlight.



DX 30 108

##### DIFLEX SPIRALLED SHEATH - BLACK RAL 9005 - PVC

| Code    | Sheath Ø (mm) | Pack / Carton |
|---------|---------------|---------------|
| DX30108 | 8             | 30/2070       |
| DX30110 | 10            | 30/1800       |
| DX30112 | 12            | 30/1800       |
| DX30114 | 14            | 30/1440       |
| DX30116 | 16            | 30/1080       |
| DX30120 | 20            | 30/1080       |
| DX30122 | 22            | 30/720        |
| DX30125 | 25            | 30/600        |
| DX30128 | 28            | 30/480        |
| DX30132 | 32            | 30/480        |
| DX30135 | 35            | 30/480        |
| DX30140 | 40            | 30/360        |
| DX30150 | 50            | 30/180        |
| DX30160 | 60            | 30/120        |

**NOTE:** the specified measurements must be considered internal diameters. Do not expose the conduits to direct sunlight.

# COUPLINGS

## ROTATING UNIONS



DX 54 020

### STRAIGHT, REVOLVING COUPLING DEVICE - METRIC PITCH - IP54

| Code                          | Sheath Ø (mm) | ISO pitch | Pack / Carton |
|-------------------------------|---------------|-----------|---------------|
| <b>Colour: Grey RAL 7035</b>  |               |           |               |
| DX54008                       | 8             | M 12x1.5  | 20/180        |
| DX54010                       | 10            | M 16x1.5  | 20/160        |
| DX54012                       | 12            | M 16x1.5  | 10/100        |
| DX54016                       | 16            | M 20x1.5  | 10/150        |
| DX54020                       | 20            | M 25x1.5  | 10/100        |
| DX54022                       | 22            | M 25x1.5  | 10/100        |
| DX54025                       | 25            | M 32x1.5  | 5/60          |
| DX54028                       | 28            | M 32x1.5  | 5/40          |
| DX54032                       | 32            | M 40x1.5  | 5/30          |
| DX54040                       | 40            | M 50x1.5  | 25            |
| DX54050                       | 50            | M 63x1.5  | 15            |
| <b>Colour: Black RAL 9005</b> |               |           |               |
| DX54108                       | 8             | M 12x1.5  | 20/180        |
| DX54110                       | 10            | M 16x1.5  | 20/160        |
| DX54112                       | 12            | M 16x1.5  | 10/100        |
| DX54116                       | 16            | M 20x1.5  | 10/150        |
| DX54120                       | 20            | M 25x1.5  | 10/100        |
| DX54122                       | 22            | M 25x1.5  | 10/100        |
| DX54125                       | 25            | M 32x1.5  | 5/60          |
| DX54128                       | 28            | M 32x1.5  | 5/40          |
| DX54132                       | 32            | M 40x1.5  | 5/30          |
| DX54140                       | 40            | M 50x1.5  | 25            |
| DX54150                       | 50            | M 63x1.5  | 15            |

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with metric pitch or in non-threaded holes via the nut and gasket supplied.



DX 54 220

### STRAIGHT, REVOLVING COUPLING DEVICE - GAS PITCH - IP54

| Code                          | Sheath Ø (mm) | GAS pitch | Pack / Carton |
|-------------------------------|---------------|-----------|---------------|
| <b>Colour: Grey RAL 7035</b>  |               |           |               |
| DX54208                       | 8             | 1/4"      | 20/180        |
| DX54210                       | 10            | 1/4"      | 20/160        |
| DX54212                       | 12            | 3/8"      | 10/100        |
| DX54214                       | 14            | 1/2"      | 10/150        |
| DX54216                       | 16            | 1/2"      | 10/150        |
| DX54220                       | 20            | 3/4"      | 10/100        |
| DX54222                       | 22            | 3/4"      | 10/100        |
| DX54225                       | 25            | 1"        | 5/60          |
| DX54228                       | 28            | 1"        | 5/40          |
| DX54232                       | 32            | 1 1/4"    | 5/30          |
| DX54235                       | 35            | 1 1/4"    | 5/30          |
| DX54240                       | 40            | 1 1/2"    | 25            |
| DX54250                       | 50            | 2"        | 15            |
| <b>Colour: Black RAL 9005</b> |               |           |               |
| DX54308                       | 8             | 1/4"      | 20/180        |
| DX54310                       | 10            | 1/4"      | 20/160        |
| DX54312                       | 12            | 3/8"      | 10/100        |
| DX54314                       | 14            | 1/2"      | 10/150        |
| DX54316                       | 16            | 1/2"      | 10/150        |
| DX54320                       | 20            | 3/4"      | 10/100        |
| DX54322                       | 22            | 3/4"      | 10/100        |
| DX54325                       | 25            | 1"        | 5/60          |
| DX54328                       | 28            | 1"        | 5/40          |
| DX54332                       | 32            | 1 1/4"    | 5/30          |
| DX54335                       | 35            | 1 1/4"    | 5/30          |
| DX54340                       | 40            | 1 1/2"    | 25            |
| DX54350                       | 50            | 2"        | 15            |

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with GAS pitches or in non-threaded holes via the nut and gasket supplied.



DX 54 420

## STRAIGHT, REVOLVING COUPLING DEVICE - PG PITCH - IP54

| Code                          | Sheath Ø (mm) | PG pitch | Pack / Carton |
|-------------------------------|---------------|----------|---------------|
| <b>Colour: Grey RAL 7035</b>  |               |          |               |
| DX54408                       | 8             | 7        | 20/180        |
| DX54410                       | 10            | 7        | 20/160        |
| DX54411                       | 10            | 9        | 20/160        |
| DX54412                       | 12            | 11       | 10/100        |
| DX54413                       | 12            | 13.5     | 10/100        |
| DX54414                       | 14            | 13.5     | 10/150        |
| DX54416                       | 16            | 13.5     | 10/150        |
| DX54417                       | 16            | 16       | 10/150        |
| DX54420                       | 20            | 21       | 10/100        |
| DX54422                       | 22            | 21       | 10/100        |
| DX54425                       | 25            | 29       | 5/60          |
| DX54428                       | 28            | 29       | 5/40          |
| DX54432                       | 32            | 36       | 5/30          |
| DX54435                       | 35            | 36       | 5/30          |
| <b>Colour: Black RAL 9005</b> |               |          |               |
| DX54508                       | 8             | 7        | 20/180        |
| DX54510                       | 10            | 7        | 20/160        |
| DX54511                       | 10            | 9        | 20/160        |
| DX54512                       | 12            | 11       | 10/100        |
| DX54513                       | 12            | 13.5     | 10/100        |
| DX54514                       | 14            | 13.5     | 10/150        |
| DX54516                       | 16            | 13.5     | 10/150        |
| DX54517                       | 16            | 16       | 10/150        |
| DX54520                       | 20            | 21       | 10/100        |
| DX54522                       | 22            | 21       | 10/100        |
| DX54525                       | 25            | 29       | 5/60          |
| DX54528                       | 28            | 29       | 5/40          |
| DX54532                       | 32            | 36       | 5/30          |
| DX54535                       | 35            | 36       | 5/30          |

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with Pg pitches or in non-threaded holes via the nut and gasket supplied.

## FIXED UNIONS



DX 56 008

### STRAIGHT, FIXED COUPLING DEVICE - METRIC PITCH - IP54

| Code                         | Sheath Ø (mm) | ISO pitch | Pack / Carton |
|------------------------------|---------------|-----------|---------------|
| <b>Colour: Grey RAL 7035</b> |               |           |               |
| DX56008                      | 8             | M12x1,5   | 20/160        |
| DX56010                      | 10            | M16x1.5   | 10/170        |
| DX56012                      | 12            | M16x1.5   | 10/150        |
| DX56014                      | 14            | M16x1.5   | 10/130        |
| DX56016                      | 16            | M20x1.5   | 10/110        |
| DX56022                      | 22            | M25x1.5   | 10/50         |
| DX56025                      | 25            | M25x1.5   | 10/50         |
| DX56028                      | 28            | M32x1.5   | 10/40         |
| DX56040                      | 40            | M40x1.5   | 15            |
| DX56050                      | 50            | M50x1.5   | 12            |

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with metric pitch or in non-threaded holes via the nut and gasket supplied.



DX 56 208

### STRAIGHT, FIXED COUPLING DEVICE - GAS PITCH - IP54

| Code                         | Sheath Ø (mm) | GAS pitch | Pack / Carton |
|------------------------------|---------------|-----------|---------------|
| <b>Colour: Grey RAL 7035</b> |               |           |               |
| DX56208                      | 8             | 1/4"      | 20/160        |
| DX56210                      | 10            | 1/4"      | 10/170        |
| DX56212                      | 12            | 3/8"      | 10/150        |
| DX56214                      | 14            | 1/2"      | 10/130        |
| DX56216                      | 16            | 1/2"      | 10/110        |
| DX56222                      | 22            | 3/4"      | 10/50         |
| DX56225                      | 25            | 3/4"      | 10/50         |
| DX56228                      | 28            | 1"        | 10/40         |
| DX56232                      | 32            | 1 1/4"    | 3/18          |
| DX56235                      | 35            | 1 1/4"    | 3/18          |
| DX56240                      | 40            | 1 1/2"    | 15            |
| DX56250                      | 50            | 2"        | 12            |

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with GAS pitches or in non-threaded holes via the nut and gasket supplied.



DX 56 408

### STRAIGHT, FIXED COUPLING DEVICE - PG PITCH - IP54

| Code                         | Sheath Ø (mm) | PG pitch | Pack / Carton |
|------------------------------|---------------|----------|---------------|
| <b>Colour: Grey RAL 7035</b> |               |          |               |
| DX56408                      | 8             | 7        | 20/160        |
| DX56410                      | 10            | 7        | 10/170        |
| DX56411                      | 12            | 9        | 10/150        |
| DX56412                      | 12            | 11       | 10/150        |
| DX56413                      | 12            | 13.5     | 10/150        |
| DX56414                      | 14            | 13.5     | 10/130        |
| DX56415                      | 16            | 11       | 10/110        |
| DX56416                      | 16            | 13.5     | 10/110        |
| DX56417                      | 16            | 16       | 10/110        |
| DX56422                      | 22            | 16       | 10/50         |
| DX56423                      | 22            | 21       | 10/50         |
| DX56425                      | 25            | 21       | 10/50         |
| DX56428                      | 28            | 29       | 10/40         |
| DX56432                      | 32            | 36       | 3/18          |
| DX56435                      | 35            | 36       | 3/18          |
| DX56440                      | 40            | 42       | 15            |
| DX56450                      | 50            | 48       | 12            |

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with Pg pitches or in non-threaded holes via the nut and gasket supplied.

## CONDUIT-SHEATH UNIONS



DX 43 316

**MORBIDX RELEASE CONDUIT-SHEATH UNION - IP65**

| Code    | Conduits Ø (mm) | Sheath Ø (mm) | Pack / Carton |
|---------|-----------------|---------------|---------------|
| DX43316 | 16              | 12            | 10/450        |
| DX43320 | 20              | 16            | 10/300        |
| DX43325 | 25              | 20            | 5/210         |
| DX43332 | 32              | 25            | 5/120         |
| DX43340 | 40              | 32            | 5/25          |
| DX43350 | 50              | 40            | 5/20          |



DX 43 416

**RELEASE CONDUIT-SHEATH UNION EQUAL DIAMETER - IP65**

| Code      | Conduits Ø (mm) | Sheath Ø (mm) | Pack / Carton |
|-----------|-----------------|---------------|---------------|
| DX43416   | 16              | 16            | 10/360        |
| DX43416DY | 16              | 16            | 1/72          |
| DX43420   | 20              | 20            | 10/240        |
| DX43420DY | 20              | 20            | 1/48          |
| DX43425   | 25              | 25            | 5/150         |
| DX43432   | 32              | 28            | 5/40          |
| DX43440   | 40              | 40            | 5/20          |

**USE:** coupling of a solid protective conduit with a spiral sheath of the DIFLEX range; allows the maintenance of the same internal diameter in line with the joint; the internal section for cable passage remains constant, increasing the space available for the system wires.



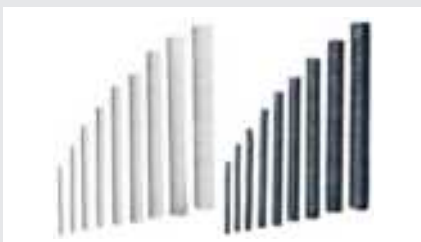


DF



Scan the QR Code and find out all the technical informations.

PROFESSIONAL SPIRALLED SHEATHS



The range of spiralled sheaths with classification 2311 is available in 14 different diameters in grey and black. They are also available in the Light version, with classification 1311 (in 12, 16, 20 and 25 mm diameters), ideal for use in air conditioning equipment.

FLEXIBILITY AND DURABILITY



The particular shape of the sheath, which has a rigid PVC inner coil and plasticised PVC outer coating, provides high resistance to crushing and ensures the flexibility necessary for every type of application and routing.

COUPLING DEVICES FOR EASY INSTALLATION

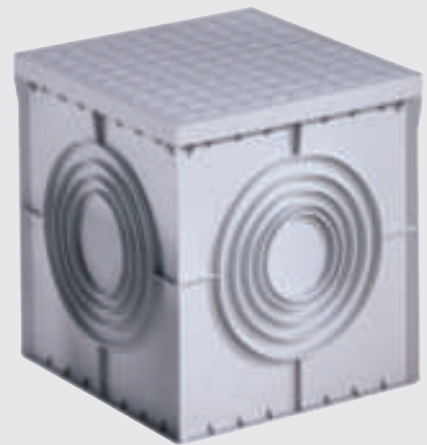


Once in place, the sheath can rotate freely, while maintaining IP54 rated protection, thanks to the straight swivel couplings. This facilitates the movement of sheaths already connected to boxes and distribution boards.

# PZ

## Access chambers systems

The range of PZ access chambers, available in 5 sizes, is ideal for junctions and manholes in electrical and telecommunication systems. These are provided with knockouts for cable ducts and knockouts base for stacking installation. Thanks to the thermoplastic material, knockouts for cable ducts and knockouts base for stacking installation, the PZ range is an efficient alternative to the access chambers made of concrete.



## THERMOPLASTIC ACCES CHAMBERS

### SQUARE ACCES CHAMBERS



DX 59 401

#### SQUARE ACCES CHAMBER 200X200X200

| Code    | Characteristics                            | Colour | Pack / Carton |
|---------|--|--------|---------------|
| DX59401 | Flat knockout base and high resistance lid | Grey   | 1/60          |
| DX59402 | Flat semi-pierced base for boosting        | Grey   | 1/60          |



#### COVERS AND COMPONENTS

| Code    | Description     | Characteristics             | Colour | Pack / Carton |
|---------|-----------------|-----------------------------|--------|---------------|
| DX59410 | Closed cover    | High resistance             | Grey   | 1/5           |
| DX59430 | Closed cover    | High resistance             | Green  | 1/5           |
| DX59411 | Gridded cover   | High resistance             | Grey   | 1/5           |
| DX59431 | Gridded cover   | High resistance             | Green  | 1/5           |
| DX59440 | Separator plate | -                           | -      | 1/10          |
| DX59451 | Seal            | -                           | -      | 1/10          |
| DX59450 | 4 screws kit    | Self-threading steel screws | -      | 1/50          |



DX 59 701

#### SQUARE ACCES CHAMBER 300X300X300

| Code    | Characteristics                            | Colour | Pack / Carton |
|---------|--|--------|---------------|
| DX59701 | Flat knockout base and high resistance lid | Grey   | 1/36          |
| DX59702 | Flat semi-pierced base for boosting        | Grey   | 1/36          |



#### COVERS AND COMPONENTS

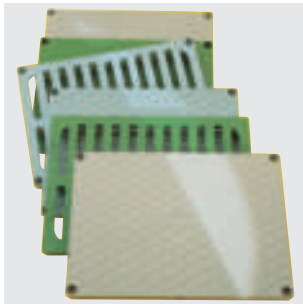
| Code    | Description     | Characteristics             | Colour | Pack / Carton |
|---------|-----------------|-----------------------------|--------|---------------|
| DX59710 | Closed cover    | High resistance             | Grey   | 1/5           |
| DX59730 | Closed cover    | High resistance             | Green  | 1/5           |
| DX59711 | Gridded cover   | High resistance             | Grey   | 1/5           |
| DX59731 | Gridded cover   | High resistance             | Green  | 1/5           |
| DX59740 | Separator plate | -                           | -      | 1/10          |
| DX59751 | Seal            | -                           | -      | 1/10          |
| DX59450 | 4 screws kit    | Self-threading steel screws | -      | 1/50          |



DX 59 801

### SQUARE ACCES CHAMBERS 400X400X400

| Code    | Characteristics                            | Colour | Pack / Carton |
|---------|--|--------|---------------|
| DX59801 | Flat knockout base and high resistance lid | Grey   | 1/18          |
| DX59802 | Flat semi-pierced base for boosting        | Grey   | 1/24          |



### COVERS AND COMPONENTS

| Code    | Description                    | Characteristics             | Colour | Pack / Carton |
|---------|--------------------------------|-----------------------------|--------|---------------|
| DX59810 | Closed cover                   | High resistance             | Grey   | 1/5           |
| DX59830 | Closed cover                   | High resistance             | Green  | 1/5           |
| DX59811 | Gridded cover                  | High resistance             | Grey   | 1/5           |
| DX59831 | Gridded cover                  | High resistance             | Green  | 1/5           |
| DX59840 | Separator plate                | -                           | -      | 1/10          |
| DX59851 | Seal                           | -                           | -      | 1/10          |
| DX59452 | 4 screws kit                   | Self-threading steel screws | -      | 1/50          |
| DX59453 | Kit - central bolt for lifting | -                           | -      | 1/20          |



DX 59 901

### SQUARE ACCES CHAMBERS 550X550X520

| Code    | Characteristics                            | Colour | Pack / Carton |
|---------|--|--------|---------------|
| DX59901 | Flat knockout base and high resistance lid | Grey   | 1/8           |
| DX59902 | Flat semi-pierced base for boosting        | Grey   | 1/8           |



### COVERS AND COMPONENTS

| Code    | Description                    | Characteristics             | Colour | Pack / Carton |
|---------|--------------------------------|-----------------------------|--------|---------------|
| DX59910 | Closed cover                   | High resistance             | Grey   | 1/5           |
| DX59930 | Closed cover                   | High resistance             | Green  | 1/5           |
| DX59911 | Gridded cover                  | High resistance             | Grey   | 1/5           |
| DX59931 | Gridded cover                  | High resistance             | Green  | 1/5           |
| DX59940 | Separator plate                | -                           | -      | 1/10          |
| DX59951 | Seal                           | -                           | -      | 1/10          |
| DX59452 | 4 screws kit                   | Self-threading steel screws | -      | 1/50          |
| DX59453 | Kit - central bolt for lifting | -                           | -      | 1/20          |

## RECTANGULAR ACCES CHAMBER

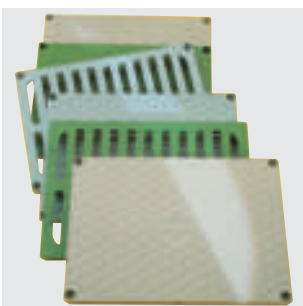


DX 59 501

### RECTANGULAR ACCES CHAMBER 360X260X320

| Code    | Characteristics                     | Accessories supplied                       | Colour | Pack / Carton |
|---------|-------------------------------------|--|--------|---------------|
| DX59501 | Flat semi-pierced base              | Cover high resistance and 4 S/Steel screws | Grey   | 1             |
| DX59502 | Flat semi-pierced base for boosting | 4 stainless steel screws                   | Grey   | 1             |

**NOTE:** the lids supplied are without the gasket, available as an accessory DX59551.



### COVERS AND COMPONENTS

| Code    | Description     | Characteristics             | Colour | Pack / Carton |
|---------|-----------------|-----------------------------|--------|---------------|
| DX59511 | Closed cover    | High resistance             | Grey   | 1/6           |
| DX59520 | Gridded cover   | -                           | Grey   | 1/6           |
| DX59230 | Closed cover    | -                           | Green  | 1/6           |
| DX59231 | Gridded cover   | -                           | Green  | 1/6           |
| DX59240 | Separator plate | Cross                       | -      | 1/6           |
| DX59241 | Separator plate | Longitudinal                | -      | 1/4           |
| DX59242 | Separator plate | Diagonal                    | -      | 1/4           |
| DX59551 | Seal            | -                           | -      | 1/10          |
| DX59650 | 4 screws kit    | Self-threading steel screws | -      | 1/50          |



PZ



Scan the QR Code and find out all the technical informations.

WIDE AND FUNCTIONAL RANGE



A broad offering that includes square and rectangular access chambers and related technical components. The rectangular access chamber offers the option of a double junction on the long side, and of installing seven separators longitudinally, transversely or diagonally.

KNOCKOUTS AND STAKING OPTIONS



The sides of the access chamber have knock-outs of different diameters for cable ducts entry. The removable base allows the PZ access chambers be layered, creating a modular system to increase access chamber depth and capacity.

HIGH-STRENGTH LIDS



The high-resistance PZ access chamber covers can be secured with 4 stainless steel self-threading screws for added safety and stability during installation. Only one tool is required to open the access chamber.

# GW FIT

## Accessories for electrical installation

Complete system comprising cable glands, plastic and metal fixings, couplings for rigid conduits and sheaths, cable ties for external and junction and connection terminal blocks. The depth of the range and breadth of the offers of each family makes GEWISS the specialist and ideal partner when implementing any type of system, from residential to commercial and industrial sector.



## PLASTIC CABLE GLANDS AND ACCESSORIES

### CABLE GLANDS



GW 52 001

#### NYLON CABLE GLANDS - PG PITCH - GREY RAL 7035 - IP66

| Code      | PG pitch | Mounting hole Ø (mm) | For cables Ø (mm)              | Pack / Carton |
|-----------|----------|----------------------|--------------------------------|---------------|
| GW52001DY | 7        | 12.5                 | from 3 to 6                    | 20/100        |
| GW52002DY | 9        | 16                   | from 6 to 8                    | 20/100        |
| GW52003DY | 11       | 19                   | from 8 to 10.5                 | 20/80         |
| GW52004DY | 13.5     | 20                   | from 9 to 12.5                 | 20/80         |
| GW52005DY | 16       | 23                   | from 13 to 16                  | 20/80         |
| GW52006DY | 21       | 29                   | from 9 to 10/ from 17 to 20    | 20/80         |
| GW52007DY | 29       | 37                   | from 13.5 to 15/ from 21 to 26 | 20/80         |

ACCESSORIES SUPPLIED: fixing nut.

APPLICATIONS: for making watertight installations with direct grip on cable.



GW 52 042

#### NYLON CABLE GLANDS - METRIC PITCH - GREY RAL 7035 - IP68

| Code      | ISO pitch | Mounting hole Ø (mm) | For cables Ø (mm) | Pack / Carton |
|-----------|-----------|----------------------|-------------------|---------------|
| GW52043DY | 16x1.5    | 16                   | from 5 to 10      | 20/100        |
| GW52044DY | 20x1.5    | 20                   | from 10 to 14     | 20/80         |
| GW52045DY | 25x1.5    | 25                   | from 13 to 18     | 20/80         |
| GW52046DY | 32x1.5    | 32                   | from 18 to 25     | 20/80         |
| GW52047DY | 40x1.5    | 40                   | from 22 to 32     | 20/80         |

ACCESSORIES SUPPLIED: fixing nut.

APPLICATIONS: direct installation on fixing enclosures or components in feedthrough holes.

Coupling in installations where a high protection rating is required in the presence of chemical substances, shocks and vibrations.

## COUPLINGS AND CABLE-GLANDS



GW 50 430

### FLEXIBLE POLYMER CABLE GLAND - GREY RAL 7035 - IP55

**GWT**  
**960°C**

| Code             | For ext. conduits max (mm) | Mounting hole Ø (mm) | Pack / Carton |
|------------------|----------------------------|----------------------|---------------|
| <b>GW50428DY</b> | 16                         | 19                   | 8/96          |
| <b>GW50429DY</b> | 20                         | 23                   | 8/96          |
| <b>GW50430DY</b> | 25                         | 29                   | 8/96          |
| <b>GW50431DY</b> | 32                         | 37                   | 8/96          |
| <b>GW50432DY</b> | 40                         | 48                   | 8/48          |

**NOTE:** quick entry cable glands, except GW50428.

**CHARACTERISTICS:** quick entry cable glands, suitable for cables with Ø from 4 to 14mm.

Cable gland GW50429, suitable for conduits ø 16, 20mm.

Cable gland GW50430, suitable for conduits ø 16, 20, 25mm.

Cable gland GW50431, suitable for conduits ø 16, 20, 25, 32mm.

Cable gland GW50432, suitable for conduits ø 16, 20, 25, 32, 40mm.

## PLASTIC FIXINGS FOR CONDUITS AND CABLES

### FIXINGS FOR CONDUITS

#### INSTALLATION



GW 50 603

#### SHOCKPROOF POLYMER SADDLE SNAP CLIP - GREY RAL 7035



| Code      | For external conduits (mm) | Wall-conduit axis distance (mm) | Pack / Carton |
|-----------|----------------------------|---------------------------------|---------------|
| GW50602DY | 20                         | 22                              | 1/64          |
| GW50603DY | 25                         | 24.5                            | 1/36          |
| GW50604DY | 32                         | 28                              | 1/90          |
| GW50628DY | 40                         | 32                              | 1/45          |

**NOTES:** suitable for riveting machines. GW50628DY is not Halogen Free.

**APPLICATIONS:** recommended for surface mounting



GW 50 605

#### SHOCKPROOF POLYMER SADDLE COLLAR CLIP - GREY RAL 7035



| Code      | For external conduits (mm) | Wall-conduit axis distance (mm) | Pack / Carton |
|-----------|----------------------------|---------------------------------|---------------|
| GW50605DY | 16                         | 20                              | 1/36          |
| GW50606DY | 20                         | 22                              | 1/36          |
| GW50607DY | 25                         | 24.5                            | 1/24          |
| GW50608DY | 32                         | 28                              | 1/45          |
| GW50630DY | 40                         | 32                              | 1/35          |

**APPLICATIONS:** Recommended for ceiling applications.





## GW FIT



Scan the QR Code and find out all the technical informations.

### HIGH PERFORMANCE CABLE GLANDS



The GEWISS cable gland range includes plastic and metal versions with IP54, IP66 and IP68 protection ratings, developed to adapt to all installation requirements, including industrial and machine applications. Metal glands for ATEX environments complete the offer.

### AN EXTENSIVE CONDUIT AND CABLE FIXING SYSTEM



Available in plastic and metal and designed to meet every need: the range consists of snap-fit or collar conduit fixings accessories, also in multidiameter version and with a built-in wall plug version for faster installation.

### CABLE TIES AND TERMINAL BLOCKS FOR EFFECTIVE WIRING



The cable-tie range includes 6 different product lines, from versions for wiring in PA66 to external L.T.R. versions in PA12. The range of terminal blocks covers various types: single-screw, multi-pole, modular distribution and single-pole equipotential terminal blocks for DIN rails.



## AUTOMATIC RECLOSING DEVICES

In the event that the automatic circuit breaker trips, the ReStart devices restore the power supply after checking the system status, thereby ensuring continuity of service in complete safety. Available both for RCCBs and RCBOs, the Restart range also includes Autotest and PRO versions.



## CIRCUIT BREAKERS FOR CIRCUIT PROTECTION

The 90 MCB range meets any requirement for protection against overcurrent and short-circuit, for all domestic, commercial and industrial applications. The range consists of MTC (compact miniature circuit breakers) and MT (traditional miniature circuit breakers).



## CIRCUIT BREAKERS FOR RES. CURR. PROTECTION

The RCD 90 range is ideal for ground fault protection. The range consists of MDC compact residual current circuit breakers with overload protection (RCBO) and IDP residual current circuit breaker (RCCB).



## MODULAR ACCESSORIES

The 90 AM range, in addition to auxiliaries common for the all circuit breakers, comprises many modular accessories for the protection, command, programming, measurement and signalling in electrical systems.





# AUTOMATIC RECLOSING DEVICES

## 90 ReStart

AUTOMATIC RECLOSING DEVICES

*pag. 126*





# 90 ReStart

## Automatic reclosing devices

In the event the circuit breaker trips, the ReStart devices, after checking the system status, restore the power supply thereby ensuring maximum continuity of service in complete safety. Available for both residual current circuit breakers and residual current circuit breakers with overcurrent protection, the range is characterized by the Autotest functions, with periodic and automatic control of the residual current protection without interrupting the power supply and PRO with extended control of the system.



## RESTART AUTOTEST

### RESTART AUTOTEST 2 POLES - VERSIONS COUPLED WITH RCCB'S



GW 90 901 N

#### AUTOMATIC RECLOSING DEVICES WITH PREVENTIVE CHECK OF THE INSULATION AND AUTOMATIC TEST OF THE RESIDUAL CURRENT CIRCUIT BREAKER - PRO VERSION



| Code     | Rated current | Idn   | Type of RCCB | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|----------|---------------|-------|--------------|---------------|-------------------------|---------------|
| GW90901N | 25 A          | 30 mA | A[IR]        | 230 V         | 5                       | 1/4           |
| GW90902N | 40 A          | 30 mA | A[IR]        | 230 V         | 5                       | 1/4           |
| GW90913  | 63 A          | 30 mA | A[IR]        | 230 V         | 5                       | 1/4           |

**CHARACTERISTICS:** after RCCB has tripped, ReStart checks the insulation prior to the automatic reclosure. In the event of a fault (earth leakage), ReStart will not reset the circuit breaker but will continue to monitor the circuit every 2 minutes reclosing the circuit breaker when safe to do so. In the meantime the integrated configurable auxiliary contact will change state to indicate that the automatic reset did not take place.

Compatible with:

-GW90992 ModBus RS485 interface module.

**NOTE:** the Autotest function automatically and periodically (every 28 days) tests the RCCB, without interrupting the electric power supply, thus maintaining the performance of the residual current protection over time.

230 V ac power supply, phase-neutral.

RCCB's type Impulse Resistant presents greater resistance to untimely tripping in comparison to standard residual current circuit breakers. Immunity level 8/20µs: 3000A for IR type, 250A for standard type.

## RESTART RD

### RESTART RD 2 POLES - VERSIONS COUPLED WITH RCCB'S IDP



GW D4 817 R

#### AUTOMATIC RECLOSING DEVICES WITH PREVENTIVE CHECK OF THE INSULATION



| Code    | Rated current | Idn   | Type of RCCB | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------|---------------|-------|--------------|---------------|-------------------------|---------------|
| GW4817R | 25 A          | 30 mA | A            | 230 V         | 3                       | 1/4           |
| GW4827R | 40 A          | 30 mA | A            | 230 V         | 3                       | 1/4           |

**CHARACTERISTICS:** after RCCB has tripped, ReStart checks the insulation prior to the automatic reclosure. In the event of a fault (earth leakage), ReStart will not reset the circuit breaker.

**NOTE:** the ARD must be supplied at 230 Vac phase-neutral.

#### AUTOMATIC RECLOSING DEVICES WITH PREVENTIVE CHECK OF THE INSULATION - PRO VERSION



| Code    | Rated current | Idn   | Type of RCCB | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------|---------------|-------|--------------|---------------|-------------------------|---------------|
| GW4817P | 25 A          | 30 mA | A            | 230 V         | 3                       | 1/4           |
| GW4827P | 40 A          | 30 mA | A            | 230 V         | 3                       | 1/4           |

**CHARACTERISTICS:** after RCCB has tripped, ReStart checks the insulation prior to the automatic reclosure.

In the event of a fault (earth leakage), ReStart will not reset the circuit breaker but will continue to monitor the circuit every 2 minutes reclosing the circuit breaker when safe to do so.

Compatible with:

-GWD0951 auxiliary contact

-GW90992 ModBus RS485 interface module (only if already coupled with GWD0951 auxiliary contact).

**NOTE:** the ARD must be supplied at 230 Vac phase-neutral.



GW D4 817 P

## RESTART RM

### RESTART RM 2 POLES - VERSIONS COUPLED WITH COMPACT RCBO'S MDC



GW D4 229 R

#### AUTOMATIC RECLOSING DEVICES WITH PREVENTIVE CHECK OF THE INSULATION AND OF THE SHORT CIRCUIT



| Code  | Rated current | I <sub>dn</sub> | Type of RCBO | Curve | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---|---------------|-----------------|--------------|-------|---------------|-------------------------|---------------|
| <b>Breaking capacity (EN 61009-1): 4500 A</b> |               |                 |              |       |               |                         |               |
| GW D4227R                                     | 16 A          | 30 mA           | A            | C     | 230 V         | 3                       | 1/4           |
| GW D4229R                                     | 25 A          | 30 mA           | A            | C     | 230 V         | 3                       | 1/4           |

**CHARACTERISTICS:** after RCBO has tripped, ReStart checks the insulation and the short circuit prior to the automatic reclosure.. In the event of a fault (earth leakage or short circuit), ReStart will not reset the circuit breaker.

**NOTE:** the ARD must be supplied at 230 Vac phase-neutral.



GW D4 229 P

#### AUTOMATIC RECLOSING DEVICES WITH PREVENTIVE CHECK OF THE INSULATION AND OF THE SHORT CIRCUIT - PRO VERSION



| Code  | Rated current | I <sub>dn</sub> | Type of RCBO | Curve | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---|---------------|-----------------|--------------|-------|---------------|-------------------------|---------------|
| <b>Breaking capacity (EN 61009-1): 4500 A</b> |               |                 |              |       |               |                         |               |
| GW D4227P                                     | 16 A          | 30 mA           | A            | C     | 230 V         | 3                       | 1/4           |
| GW D4229P                                     | 25 A          | 30 mA           | A            | C     | 230 V         | 3                       | 1/4           |

**CHARACTERISTICS:** after RCBO has tripped, ReStart checks the insulation and the short circuit prior to the automatic reclosure.

In the event of a fault (earth leakage), ReStart will not reset the circuit breaker but will continue to monitor the circuit every 2 minutes reclosing the circuit breaker when safe to do so.

Compatible with:

-GWD0951 auxiliary contact

-GW90992 ModBus RS485 interface module (only if already coupled with GWD0951 auxiliary contact).

**NOTE:** the ARD must be supplied at 230 Vac phase-neutral.

## KIT OF RESTART AND MTC FOR RESIDENTIAL DISTRIBUTION BOARD



### AUTOMATIC RECLOSING DEVICE AND COMPACT MCBS

| Code    | Type of ReStart             | Type of MCB (1P+N Icn=4500A curve C)            |
|---------|-----------------------------|---|
| DY01015 | 1 pc of GWD4817R (RCCB 25A) | 1 pc of GW90026 (10A) and 1 pc of GW90027 (16A) |
| DY01016 | 1 pc of GWD4229R (RCBO 25A) | 1 pc of GW90026 (10A) and 1 pc of GW90027 (16A) |

## KIT OF IDP AND MTC FOR RESIDENTIAL DISTRIBUTION BOARD



### RCCB AND COMPACT MCBS

| Code    | Type of RCCB (type AC 30mA) | Type of MCB (1P+N Icn=4500A curve C)            |
|---------|-----------------------------|---|
| DY01017 | 1 pc of GWD4617 (25A)       | 1 pc of GW90026 (10A) and 1 pc of GW90027 (16A) |





# 90 ReStart

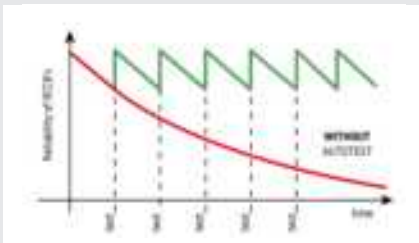


Scan the QR Code and find out all the technical informations.

### AN ALWAYS-PROTECTED SYSTEM

### ALL UNDER CONTROL

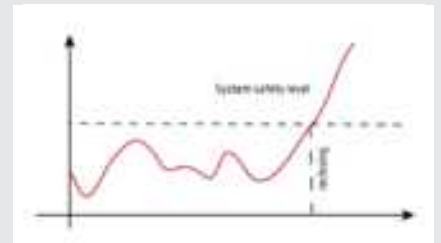
### CONTINUOUS MONITORING GUARANTEED



Thanks to the GEWISS patented automatic self-test function with no power interruption, the ReStart Autotest ensures maximum protection efficiency and removes the need for the user to manually perform periodic RCCB relay trip tests.



The LEDs on the faceplate of the device provide information on the operating status of the system. At a glance, you can tell if the system is working properly, if the Autotest is in progress, or if there is a fault.



After a failure, the ReStart PRO performs a continuous system check until safety is re-established and then recloses the protection circuit breaker. The auxiliary contact also allows remote monitoring of the system status information.



# CIRCUIT BREAKERS FOR CIRCUIT PROTECTION

## 90 MCB

MODULAR CIRCUIT BREAKERS FOR  
CIRCUIT PROTECTION

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# 90 MCB

## Modular circuit breakers for circuit protection

The 90 MCB range meets any requirement for protection against overcurrent and shortcircuit, for all domestic, commercial and industrial applications. The range comprises MTC, compact miniature circuit breakers (from 2 to 32 A, curves B and C up to 6 kA) MT traditional miniature circuit breakers (from 1 to 63 A, curves B and C up to 6 kA)



## MTC - COMPACT MINIATURE CIRCUIT BREAKERS

MTC 45 - C CURVE - 4500 A (EN 60898) - 4.5 KA (EN 60947-2)



GW 90 046

### COMPACT MINIATURE CIRCUIT BREAKERS

| Code   | Rated current | Rated voltage | Auxiliaries compatibility | No. of modules EN 50022 | Pack / Carton |
|--|---------------|---------------|---------------------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b>                    |               |               |                           |                         |               |
| GW90022                                      | 2 A           | 230 V         | No                        | 1                       | 6/24          |
| GW90025                                      | 6 A           | 230 V         | No                        | 1                       | 6/24          |
| GW90026                                      | 10 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90026DV*                                   | 10 A          | 230 V         | No                        | 1                       | 1/4           |
| GW90031                                      | 13 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90027                                      | 16 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90027DV*                                   | 16 A          | 230 V         | No                        | 1                       | 1/4           |
| GW90028                                      | 20 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90029                                      | 25 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90030                                      | 32 A          | 230 V         | No                        | 1                       | 6/24          |
| <b>No. of poles: 1P+N (N-conductor left)</b> |               |               |                           |                         |               |
| GW90602                                      | 2 A           | 230 V         | No                        | 1                       | 6/24          |
| GW90605                                      | 6 A           | 230 V         | No                        | 1                       | 6/24          |
| GW90606                                      | 10 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90607                                      | 16 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90608                                      | 20 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90609                                      | 25 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90610                                      | 32 A          | 230 V         | No                        | 1                       | 6/24          |
| <b>No. of poles: 2P</b>                      |               |               |                           |                         |               |
| GW90045                                      | 6 A           | 230 V         | Yes                       | 1                       | 6/24          |
| GW90046                                      | 10 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90051                                      | 13 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90047                                      | 16 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90048                                      | 20 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90049                                      | 25 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90050                                      | 32 A          | 230 V         | Yes                       | 1                       | 6/24          |
| <b>No. of poles: 3P</b>                      |               |               |                           |                         |               |
| GW90065                                      | 6 A           | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90066                                      | 10 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90071                                      | 13 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90067                                      | 16 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90068                                      | 20 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90069                                      | 25 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90070                                      | 32 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| <b>No. of poles: 4P</b>                      |               |               |                           |                         |               |
| GW90085                                      | 6 A           | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90086                                      | 10 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90091                                      | 13 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90087                                      | 16 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90088                                      | 20 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90089                                      | 25 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90090                                      | 32 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |

\* kit of 6 pieces

## MTC 60 - C CURVE - 6000 A (EN 60898) - 6 KA (EN 60947-2)



GW 90 290

### COMPACT MINIATURE CIRCUIT BREAKERS

| Code                      | Rated current | Rated voltage | Auxiliaries compatibility | No. of modules EN 50022 | Pack / Carton |
|---------------------------|---------------|---------------|---------------------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |               |               |                           |                         |               |
| GW90225                   | 6 A           | 230 V         | No                        | 1                       | 6/24          |
| GW90226                   | 10 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90231                   | 13 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90227                   | 16 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90228                   | 20 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90229                   | 25 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90230                   | 32 A          | 230 V         | No                        | 1                       | 6/24          |
| <b>No. of poles: 2P</b>   |               |               |                           |                         |               |
| GW90245                   | 6 A           | 230 V         | Yes                       | 1                       | 6/24          |
| GW90246                   | 10 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90251                   | 13 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90247                   | 16 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90248                   | 20 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90249                   | 25 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90250                   | 32 A          | 230 V         | Yes                       | 1                       | 6/24          |
| <b>No. of poles: 3P</b>   |               |               |                           |                         |               |
| GW90265                   | 6 A           | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90266                   | 10 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90271                   | 13 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90267                   | 16 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90268                   | 20 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90269                   | 25 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90270                   | 32 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| <b>No. of poles: 4P</b>   |               |               |                           |                         |               |
| GW90285                   | 6 A           | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90286                   | 10 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90291                   | 13 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90287                   | 16 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90288                   | 20 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90289                   | 25 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |
| GW90290                   | 32 A          | 230 - 400 V   | Yes                       | 2                       | 3/12          |

# 90 MCB

MTC 60 - B CURVE - 6000 A (EN 60898) - 10 KA (EN 60947-2)



GW 90 326

## COMPACT MINIATURE CIRCUIT BREAKERS

| Code                      | Rated current | Rated voltage | Auxiliaries compatibility | No. of modules EN 50022 | Pack / Carton |
|---------------------------|---------------|---------------|---------------------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |               |               |                           |                         |               |
| GW90325                   | 6 A           | 230 V         | No                        | 1                       | 6/24          |
| GW90326                   | 10 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90327                   | 13 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90328                   | 16 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90329                   | 20 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90330                   | 25 A          | 230 V         | No                        | 1                       | 6/24          |
| GW90331                   | 32 A          | 230 V         | No                        | 1                       | 6/24          |
| <b>No. of poles: 2P</b>   |               |               |                           |                         |               |
| GW90345                   | 6 A           | 230 V         | Yes                       | 1                       | 6/24          |
| GW90346                   | 10 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90347                   | 13 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90348                   | 16 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90349                   | 20 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90350                   | 25 A          | 230 V         | Yes                       | 1                       | 6/24          |
| GW90351                   | 32 A          | 230 V         | Yes                       | 1                       | 6/24          |

## MT - MINIATURE CIRCUIT BREAKERS

MT 45 - C CURVE - 4500 A (EN 60898) - 6 KA (EN 60947-2)



GW 92 149

### MINIATURE CIRCUIT BREAKERS

| Code                      | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P</b>   |               |               |                         |               |
| GW92105                   | 6 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92106                   | 10 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92107                   | 13 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92108                   | 16 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92109                   | 20 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92110                   | 25 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92111                   | 32 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92112                   | 40 A          | 230 - 400 V   | 1                       | 6/24          |
| <b>No. of poles: 1P+N</b> |               |               |                         |               |
| GW92125                   | 6 A           | 230 V         | 2                       | 3/12          |
| GW92126                   | 10 A          | 230 V         | 2                       | 3/12          |
| GW92127                   | 13 A          | 230 V         | 2                       | 3/12          |
| GW92128                   | 16 A          | 230 V         | 2                       | 3/12          |
| GW92129                   | 20 A          | 230 V         | 2                       | 3/12          |
| GW92130                   | 25 A          | 230 V         | 2                       | 3/12          |
| GW92131                   | 32 A          | 230 V         | 2                       | 3/12          |
| GW92132                   | 40 A          | 230 V         | 2                       | 3/12          |
| <b>No. of poles: 2P</b>   |               |               |                         |               |
| GW92145                   | 6 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92146                   | 10 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92147                   | 13 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92148                   | 16 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92149                   | 20 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92150                   | 25 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92151                   | 32 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92152                   | 40 A          | 230 - 400 V   | 2                       | 3/12          |
| <b>No. of poles: 3P</b>   |               |               |                         |               |
| GW92165                   | 6 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92166                   | 10 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92167                   | 13 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92168                   | 16 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92169                   | 20 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92170                   | 25 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92171                   | 32 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92172                   | 40 A          | 230 - 400 V   | 3                       | 2/8           |
| <b>No. of poles: 4P</b>   |               |               |                         |               |
| GW92185                   | 6 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92186                   | 10 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92187                   | 13 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92188                   | 16 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92189                   | 20 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92190                   | 25 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92191                   | 32 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92192                   | 40 A          | 230 - 400 V   | 4                       | 1/3           |

# 90 MCB

## MT 60 - C CURVE - 6000 A (EN 60898) - 10 KA (EN 60947-2)



GW 92 048

### MINIATURE CIRCUIT BREAKERS

| Code                      | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P</b>   |               |               |                         |               |
| GW92001                   | 1 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92002                   | 2 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92003                   | 3 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92004                   | 4 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92005                   | 6 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92006                   | 10 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92014                   | 13 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92007                   | 16 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92008                   | 20 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92009                   | 25 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92010                   | 32 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92011                   | 40 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92012                   | 50 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92013                   | 63 A          | 230 - 400 V   | 1                       | 6/24          |
| <b>No. of poles: 1P+N</b> |               |               |                         |               |
| GW92021                   | 1 A           | 230 V         | 2                       | 3/12          |
| GW92022                   | 2 A           | 230 V         | 2                       | 3/12          |
| GW92023                   | 3 A           | 230 V         | 2                       | 3/12          |
| GW92024                   | 4 A           | 230 V         | 2                       | 3/12          |
| GW92025                   | 6 A           | 230 V         | 2                       | 3/12          |
| GW92026                   | 10 A          | 230 V         | 2                       | 3/12          |
| GW92034                   | 13 A          | 230 V         | 2                       | 3/12          |
| GW92027                   | 16 A          | 230 V         | 2                       | 3/12          |
| GW92028                   | 20 A          | 230 V         | 2                       | 3/12          |
| GW92029                   | 25 A          | 230 V         | 2                       | 3/12          |
| GW92030                   | 32 A          | 230 V         | 2                       | 3/12          |
| GW92031                   | 40 A          | 230 V         | 2                       | 3/12          |
| GW92032                   | 50 A          | 230 V         | 2                       | 3/12          |
| GW92033                   | 63 A          | 230 V         | 2                       | 3/12          |
| <b>No. of poles: 2P</b>   |               |               |                         |               |
| GW92041                   | 1 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92042                   | 2 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92043                   | 3 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92044                   | 4 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92045                   | 6 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92046                   | 10 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92054                   | 13 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92047                   | 16 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92048                   | 20 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92049                   | 25 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92050                   | 32 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92051                   | 40 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92052                   | 50 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92053                   | 63 A          | 230 - 400 V   | 2                       | 3/12          |

CONTINUE



| Code                    | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|-------------------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 3P</b> |               |               |                         |               |
| GW92061                 | 1 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92062                 | 2 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92063                 | 3 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92064                 | 4 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92065                 | 6 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92066                 | 10 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92074                 | 13 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92067                 | 16 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92068                 | 20 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92069                 | 25 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92070                 | 32 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92071                 | 40 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92072                 | 50 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92073                 | 63 A          | 230 - 400 V   | 3                       | 2/8           |
| <b>No. of poles: 4P</b> |               |               |                         |               |
| GW92081                 | 1 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92082                 | 2 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92083                 | 3 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92084                 | 4 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92085                 | 6 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92086                 | 10 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92094                 | 13 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92087                 | 16 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92088                 | 20 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92089                 | 25 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92090                 | 32 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92091                 | 40 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92092                 | 50 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92093                 | 63 A          | 230 - 400 V   | 4                       | 1/3           |

# 90 MCB

## MT 60 - B CURVE - 6000 A (EN 60898) - 10 KA (EN 60947-2)



GW 92 292

### MINIATURE CIRCUIT BREAKERS

| Code                    | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|-------------------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P</b> |               |               |                         |               |
| GW92205                 | 6 A           | 230 - 400 V   | 1                       | 6/24          |
| GW92206                 | 10 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92214                 | 13 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92207                 | 16 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92208                 | 20 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92209                 | 25 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92210                 | 32 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92211                 | 40 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92212                 | 50 A          | 230 - 400 V   | 1                       | 6/24          |
| GW92213                 | 63 A          | 230 - 400 V   | 1                       | 6/24          |
| <b>No. of poles: 2P</b> |               |               |                         |               |
| GW92245                 | 6 A           | 230 - 400 V   | 2                       | 3/12          |
| GW92246                 | 10 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92254                 | 13 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92247                 | 16 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92248                 | 20 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92249                 | 25 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92250                 | 32 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92251                 | 40 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92252                 | 50 A          | 230 - 400 V   | 2                       | 3/12          |
| GW92253                 | 63 A          | 230 - 400 V   | 2                       | 3/12          |
| <b>No. of poles: 3P</b> |               |               |                         |               |
| GW92265                 | 6 A           | 230 - 400 V   | 3                       | 2/8           |
| GW92266                 | 10 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92274                 | 13 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92267                 | 16 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92268                 | 20 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92269                 | 25 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92270                 | 32 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92271                 | 40 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92272                 | 50 A          | 230 - 400 V   | 3                       | 2/8           |
| GW92273                 | 63 A          | 230 - 400 V   | 3                       | 2/8           |
| <b>No. of poles: 4P</b> |               |               |                         |               |
| GW92285                 | 6 A           | 230 - 400 V   | 4                       | 1/3           |
| GW92286                 | 10 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92294                 | 13 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92287                 | 16 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92288                 | 20 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92289                 | 25 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92290                 | 32 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92291                 | 40 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92292                 | 50 A          | 230 - 400 V   | 4                       | 1/3           |
| GW92293                 | 63 A          | 230 - 400 V   | 4                       | 1/3           |



# 90 MCB



Scan the QR Code and find out all the technical informations.

### REDUCED FOOTPRINT



The compact MCB protect 2 poles per module, reducing space by up to 50%. This also allows installation of smaller enclosures, for savings on costs.

### MAXIMUM SECURITY



To ensure the most secure fastening and protection from possible contact with live parts, the terminals are equipped with a protective, sliding insulating insert. In addition, the double DIN hook provides a more stable fastening and facilitates maintenance operations.

### SIMPLIFIED ACCESSORY MANAGEMENT



The 90 MCB range of circuit breakers integrate seamlessly with the 90 range of electrical auxiliaries, providing simplified and streamlined accessory management.



# CIRCUIT BREAKERS FOR RESIDUAL CURRENT PROTECTION

## 90 RCD

MODULAR CIRCUIT BREAKERS FOR  
RESIDUAL CURRENT PROTECTION

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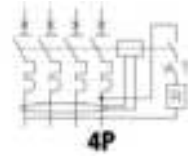
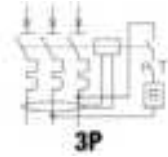
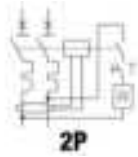
# 90 RCD

## Modular circuit breakers for residual current protection

The 90 RCD range meets any earth fault protection requirement for any area of application. The range comprises MDC compact residual current c.b. with overcurrent protection. (from 6 to 32 A, curves B and C, up to 6 kA and I $\Delta$ n 30 mA type AC, A) and IDP residual current circuit breakers (up to 63 A, I $\Delta$ n 30 mA type AC, A).



### MDC - MONOBLOC COMPACT RCBO'S



MDC 45 - AC TYPE - C CURVE - 4500 A (EN 61009-1) - 4.5 KA (EN 60947-2)



GW 94 027

#### COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION



| Code                      | I $\Delta$ n | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|--------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |              |               |               |                         |               |
| GW94005                   | 30 mA        | 6 A           | 230 V         | 2                       | 1/6           |
| GW94006                   | 30 mA        | 10 A          | 230 V         | 2                       | 1/6           |
| GW94011                   | 30 mA        | 13 A          | 230 V         | 2                       | 1/6           |
| GW94007                   | 30 mA        | 16 A          | 230 V         | 2                       | 1/6           |
| GW94007DY*                | 30 mA        | 16 A          | 230 V         | 2                       | 1             |
| GW94008                   | 30 mA        | 20 A          | 230 V         | 2                       | 1/6           |
| GW94009                   | 30 mA        | 25 A          | 230 V         | 2                       | 1/6           |
| GW94009DY*                | 30 mA        | 25 A          | 230 V         | 2                       | 1             |
| GW94010                   | 30 mA        | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 2P</b>   |              |               |               |                         |               |
| GW94025                   | 30 mA        | 6 A           | 230 V         | 2                       | 1/6           |
| GW94026                   | 30 mA        | 10 A          | 230 V         | 2                       | 1/6           |
| GW94031                   | 30 mA        | 13 A          | 230 V         | 2                       | 1/6           |
| GW94027                   | 30 mA        | 16 A          | 230 V         | 2                       | 1/6           |
| GW94028                   | 30 mA        | 20 A          | 230 V         | 2                       | 1/6           |
| GW94029                   | 30 mA        | 25 A          | 230 V         | 2                       | 1/6           |
| GW94030                   | 30 mA        | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 3P</b>   |              |               |               |                         |               |
| GW94045                   | 30 mA        | 6 A           | 400 V         | 3                       | 1/4           |
| GW94046                   | 30 mA        | 10 A          | 400 V         | 3                       | 1/4           |
| GW94051                   | 30 mA        | 13 A          | 400 V         | 3                       | 1/4           |
| GW94047                   | 30 mA        | 16 A          | 400 V         | 3                       | 1/4           |
| GW94048                   | 30 mA        | 20 A          | 400 V         | 3                       | 1/4           |
| GW94049                   | 30 mA        | 25 A          | 400 V         | 3                       | 1/4           |
| GW94050                   | 30 mA        | 32 A          | 400 V         | 3                       | 1/4           |
| <b>No. of poles: 4P</b>   |              |               |               |                         |               |
| GW94065                   | 30 mA        | 6 A           | 400 V         | 4                       | 1/3           |
| GW94066                   | 30 mA        | 10 A          | 400 V         | 4                       | 1/3           |
| GW94071                   | 30 mA        | 13 A          | 400 V         | 4                       | 1/3           |
| GW94067                   | 30 mA        | 16 A          | 400 V         | 4                       | 1/3           |
| GW94068                   | 30 mA        | 20 A          | 400 V         | 4                       | 1/3           |
| GW94069                   | 30 mA        | 25 A          | 400 V         | 4                       | 1/3           |
| GW94070                   | 30 mA        | 32 A          | 400 V         | 4                       | 1/3           |

\* kit of 6 pieces

## MDC 45 - A TYPE - C CURVE - 4500 A (EN 61009-1) - 4.5 KA (EN 60947-2)



GW 94 227

### COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION



| Code                      | Idn   | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|-------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |       |               |               |                         |               |
| GW94205                   | 30 mA | 6 A           | 230 V         | 2                       | 1/6           |
| GW94206                   | 30 mA | 10 A          | 230 V         | 2                       | 1/6           |
| GW94211                   | 30 mA | 13 A          | 230 V         | 2                       | 1/6           |
| GW94207                   | 30 mA | 16 A          | 230 V         | 2                       | 1/6           |
| GW94208                   | 30 mA | 20 A          | 230 V         | 2                       | 1/6           |
| GW94209                   | 30 mA | 25 A          | 230 V         | 2                       | 1/6           |
| GW94210                   | 30 mA | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 2P</b>   |       |               |               |                         |               |
| GW94225                   | 30 mA | 6 A           | 230 V         | 2                       | 1/6           |
| GW94226                   | 30 mA | 10 A          | 230 V         | 2                       | 1/6           |
| GW94231                   | 30 mA | 13 A          | 230 V         | 2                       | 1/6           |
| GW94227                   | 30 mA | 16 A          | 230 V         | 2                       | 1/6           |
| GW94228                   | 30 mA | 20 A          | 230 V         | 2                       | 1/6           |
| GW94229                   | 30 mA | 25 A          | 230 V         | 2                       | 1/6           |
| GW94230                   | 30 mA | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 3P</b>   |       |               |               |                         |               |
| GW94245                   | 30 mA | 6 A           | 400 V         | 3                       | 1/4           |
| GW94246                   | 30 mA | 10 A          | 400 V         | 3                       | 1/4           |
| GW94251                   | 30 mA | 13 A          | 400 V         | 3                       | 1/4           |
| GW94247                   | 30 mA | 16 A          | 400 V         | 3                       | 1/4           |
| GW94248                   | 30 mA | 20 A          | 400 V         | 3                       | 1/4           |
| GW94249                   | 30 mA | 25 A          | 400 V         | 3                       | 1/4           |
| GW94250                   | 30 mA | 32 A          | 400 V         | 3                       | 1/4           |
| <b>No. of poles: 4P</b>   |       |               |               |                         |               |
| GW94265                   | 30 mA | 6 A           | 400 V         | 4                       | 1/3           |
| GW94266                   | 30 mA | 10 A          | 400 V         | 4                       | 1/3           |
| GW94271                   | 30 mA | 13 A          | 400 V         | 4                       | 1/3           |
| GW94267                   | 30 mA | 16 A          | 400 V         | 4                       | 1/3           |
| GW94268                   | 30 mA | 20 A          | 400 V         | 4                       | 1/3           |
| GW94269                   | 30 mA | 25 A          | 400 V         | 4                       | 1/3           |
| GW94270                   | 30 mA | 32 A          | 400 V         | 4                       | 1/3           |

# 90 RCD

MDC 60 - AC TYPE - C CURVE - 6000 A (EN 61009-1) - 6 KA (EN 60947-2)



GW 94 168

## COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION



| Code                      | I <sub>dn</sub> | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|-----------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |                 |               |               |                         |               |
| GW94105                   | 30 mA           | 6 A           | 230 V         | 2                       | 1/6           |
| GW94106                   | 30 mA           | 10 A          | 230 V         | 2                       | 1/6           |
| GW94111                   | 30 mA           | 13 A          | 230 V         | 2                       | 1/6           |
| GW94107                   | 30 mA           | 16 A          | 230 V         | 2                       | 1/6           |
| GW94108                   | 30 mA           | 20 A          | 230 V         | 2                       | 1/6           |
| GW94109                   | 30 mA           | 25 A          | 230 V         | 2                       | 1/6           |
| GW94110                   | 30 mA           | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 2P</b>   |                 |               |               |                         |               |
| GW94125                   | 30 mA           | 6 A           | 230 V         | 2                       | 1/6           |
| GW94126                   | 30 mA           | 10 A          | 230 V         | 2                       | 1/6           |
| GW94131                   | 30 mA           | 13 A          | 230 V         | 2                       | 1/6           |
| GW94127                   | 30 mA           | 16 A          | 230 V         | 2                       | 1/6           |
| GW94128                   | 30 mA           | 20 A          | 230 V         | 2                       | 1/6           |
| GW94129                   | 30 mA           | 25 A          | 230 V         | 2                       | 1/6           |
| GW94130                   | 30 mA           | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 3P</b>   |                 |               |               |                         |               |
| GW94145                   | 30 mA           | 6 A           | 400 V         | 3                       | 1/4           |
| GW94146                   | 30 mA           | 10 A          | 400 V         | 3                       | 1/4           |
| GW94151                   | 30 mA           | 13 A          | 400 V         | 3                       | 1/4           |
| GW94147                   | 30 mA           | 16 A          | 400 V         | 3                       | 1/4           |
| GW94148                   | 30 mA           | 20 A          | 400 V         | 3                       | 1/4           |
| GW94149                   | 30 mA           | 25 A          | 400 V         | 3                       | 1/4           |
| GW94150                   | 30 mA           | 32 A          | 400 V         | 3                       | 1/4           |
| <b>No. of poles: 4P</b>   |                 |               |               |                         |               |
| GW94165                   | 30 mA           | 6 A           | 400 V         | 4                       | 1/3           |
| GW94166                   | 30 mA           | 10 A          | 400 V         | 4                       | 1/3           |
| GW94171                   | 30 mA           | 13 A          | 400 V         | 4                       | 1/3           |
| GW94167                   | 30 mA           | 16 A          | 400 V         | 4                       | 1/3           |
| GW94168                   | 30 mA           | 20 A          | 400 V         | 4                       | 1/3           |
| GW94169                   | 30 mA           | 25 A          | 400 V         | 4                       | 1/3           |
| GW94170                   | 30 mA           | 32 A          | 400 V         | 4                       | 1/3           |



## MDC 60 - A TYPE - C CURVE - 6000 A (EN 61009-1) - 6 KA (EN 60947-2)



GW 94 347

### COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION



| Code                      | Idn   | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|-------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |       |               |               |                         |               |
| GW94305                   | 30 mA | 6 A           | 230 V         | 2                       | 1/6           |
| GW94306                   | 30 mA | 10 A          | 230 V         | 2                       | 1/6           |
| GW94311                   | 30 mA | 13 A          | 230 V         | 2                       | 1/6           |
| GW94307                   | 30 mA | 16 A          | 230 V         | 2                       | 1/6           |
| GW94308                   | 30 mA | 20 A          | 230 V         | 2                       | 1/6           |
| GW94309                   | 30 mA | 25 A          | 230 V         | 2                       | 1/6           |
| GW94310                   | 30 mA | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 2P</b>   |       |               |               |                         |               |
| GW94325                   | 30 mA | 6 A           | 230 V         | 2                       | 1/6           |
| GW94326                   | 30 mA | 10 A          | 230 V         | 2                       | 1/6           |
| GW94331                   | 30 mA | 13 A          | 230 V         | 2                       | 1/6           |
| GW94327                   | 30 mA | 16 A          | 230 V         | 2                       | 1/6           |
| GW94328                   | 30 mA | 20 A          | 230 V         | 2                       | 1/6           |
| GW94329                   | 30 mA | 25 A          | 230 V         | 2                       | 1/6           |
| GW94330                   | 30 mA | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 3P</b>   |       |               |               |                         |               |
| GW94345                   | 30 mA | 6 A           | 400 V         | 3                       | 1/4           |
| GW94346                   | 30 mA | 10 A          | 400 V         | 3                       | 1/4           |
| GW94351                   | 30 mA | 13 A          | 400 V         | 3                       | 1/4           |
| GW94347                   | 30 mA | 16 A          | 400 V         | 3                       | 1/4           |
| GW94348                   | 30 mA | 20 A          | 400 V         | 3                       | 1/4           |
| GW94349                   | 30 mA | 25 A          | 400 V         | 3                       | 1/4           |
| GW94350                   | 30 mA | 32 A          | 400 V         | 3                       | 1/4           |
| <b>No. of poles: 4P</b>   |       |               |               |                         |               |
| GW94365                   | 30 mA | 6 A           | 400 V         | 4                       | 1/3           |
| GW94366                   | 30 mA | 10 A          | 400 V         | 4                       | 1/3           |
| GW94371                   | 30 mA | 13 A          | 400 V         | 4                       | 1/3           |
| GW94367                   | 30 mA | 16 A          | 400 V         | 4                       | 1/3           |
| GW94368                   | 30 mA | 20 A          | 400 V         | 4                       | 1/3           |
| GW94369                   | 30 mA | 25 A          | 400 V         | 4                       | 1/3           |
| GW94370                   | 30 mA | 32 A          | 400 V         | 4                       | 1/3           |

# 90 RCD

MDC 60 - A TYPE - B CURVE - 6000 A (EN 61009-1) - 6 KA (EN 60947-2)



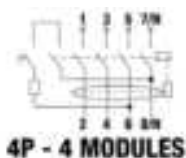
GW 95 168

## COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION



| Code                      | I <sub>dn</sub> | Rated current | Rated voltage | No. of modules EN 50022 | Pack / Carton |
|---------------------------|-----------------|---------------|---------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |                 |               |               |                         |               |
| GW95105                   | 30 mA           | 6 A           | 230 V         | 2                       | 1/6           |
| GW95106                   | 30 mA           | 10 A          | 230 V         | 2                       | 1/6           |
| GW95111                   | 30 mA           | 13 A          | 230 V         | 2                       | 1/6           |
| GW95107                   | 30 mA           | 16 A          | 230 V         | 2                       | 1/6           |
| GW95108                   | 30 mA           | 20 A          | 230 V         | 2                       | 1/6           |
| GW95109                   | 30 mA           | 25 A          | 230 V         | 2                       | 1/6           |
| GW95110                   | 30 mA           | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 2P</b>   |                 |               |               |                         |               |
| GW95125                   | 30 mA           | 6 A           | 230 V         | 2                       | 1/6           |
| GW95126                   | 30 mA           | 10 A          | 230 V         | 2                       | 1/6           |
| GW95131                   | 30 mA           | 13 A          | 230 V         | 2                       | 1/6           |
| GW95127                   | 30 mA           | 16 A          | 230 V         | 2                       | 1/6           |
| GW95128                   | 30 mA           | 20 A          | 230 V         | 2                       | 1/6           |
| GW95129                   | 30 mA           | 25 A          | 230 V         | 2                       | 1/6           |
| GW95130                   | 30 mA           | 32 A          | 230 V         | 2                       | 1/6           |
| <b>No. of poles: 3P</b>   |                 |               |               |                         |               |
| GW95145                   | 30 mA           | 6 A           | 400 V         | 3                       | 1/4           |
| GW95146                   | 30 mA           | 10 A          | 400 V         | 3                       | 1/4           |
| GW95151                   | 30 mA           | 13 A          | 400 V         | 3                       | 1/4           |
| GW95147                   | 30 mA           | 16 A          | 400 V         | 3                       | 1/4           |
| GW95148                   | 30 mA           | 20 A          | 400 V         | 3                       | 1/4           |
| GW95149                   | 30 mA           | 25 A          | 400 V         | 3                       | 1/4           |
| GW95150                   | 30 mA           | 32 A          | 400 V         | 3                       | 1/4           |
| <b>No. of poles: 4P</b>   |                 |               |               |                         |               |
| GW95165                   | 30 mA           | 6 A           | 400 V         | 4                       | 1/3           |
| GW95166                   | 30 mA           | 10 A          | 400 V         | 4                       | 1/3           |
| GW95171                   | 30 mA           | 13 A          | 400 V         | 4                       | 1/3           |
| GW95167                   | 30 mA           | 16 A          | 400 V         | 4                       | 1/3           |
| GW95168                   | 30 mA           | 20 A          | 400 V         | 4                       | 1/3           |
| GW95169                   | 30 mA           | 25 A          | 400 V         | 4                       | 1/3           |
| GW95170                   | 30 mA           | 32 A          | 400 V         | 4                       | 1/3           |

## IDP NA - RESIDUAL CURRENT CIRCUIT BREAKERS (ACCESSORIES NOT AVAILABLE)



### IDP NA - AC TYPE INSTANTANEOUS



GW D4 617

#### RESIDUAL CURRENT CIRCUIT BREAKERS



| Code                    | Rated current | Idn   | Rated voltage | Auxiliaries compatibility | ReStart compatibility | No. of modules EN 50022 | Pack / Carton |
|-------------------------|---------------|-------|---------------|---------------------------|-----------------------|-------------------------|---------------|
| <b>No. of poles: 2P</b> |               |       |               |                           |                       |                         |               |
| GWD4617                 | 25 A          | 30 mA | 230 V         | No                        | Yes                   | 2                       | 1/6           |
| GWD4627                 | 40 A          | 30 mA | 230 V         | No                        | Yes                   | 2                       | 1/6           |
| <b>No. of poles: 4P</b> |               |       |               |                           |                       |                         |               |
| GWD4427                 | 25 A          | 30 mA | 400 V         | No                        | No                    | 4                       | 1/3           |
| GWD4431                 | 40 A          | 30 mA | 400 V         | No                        | No                    | 4                       | 1/3           |
| GWD4435                 | 63 A          | 30 mA | 400 V         | No                        | No                    | 4                       | 1/3           |

### IDP NA - A TYPE INSTANTANEOUS



GW D4 817

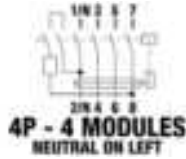
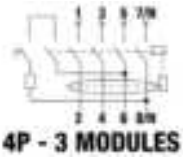
#### RESIDUAL CURRENT CIRCUIT BREAKERS



| Code                    | Rated current | Idn   | Rated voltage | Auxiliaries compatibility | ReStart compatibility | No. of modules EN 50022 | Pack / Carton |
|-------------------------|---------------|-------|---------------|---------------------------|-----------------------|-------------------------|---------------|
| <b>No. of poles: 2P</b> |               |       |               |                           |                       |                         |               |
| GWD4817                 | 25 A          | 30 mA | 230 V         | No                        | Yes                   | 2                       | 1/6           |
| GWD4827                 | 40 A          | 30 mA | 230 V         | No                        | Yes                   | 2                       | 1/6           |
| <b>No. of poles: 4P</b> |               |       |               |                           |                       |                         |               |
| GWD4439                 | 25 A          | 30 mA | 400 V         | No                        | No                    | 4                       | 1/3           |
| GWD4443                 | 40 A          | 30 mA | 400 V         | No                        | No                    | 4                       | 1/3           |
| GWD4447                 | 63 A          | 30 mA | 400 V         | No                        | No                    | 4                       | 1/3           |

# 90 RCD

## IDP - RESIDUAL CURRENT CIRCUIT BREAKERS



### IDP - AC TYPE INSTANTANEOUS



GW D4 001

#### RESIDUAL CURRENT CIRCUIT BREAKERS



| Code                                       | Rated current | $I_{dn}$ | Rated voltage | Auxiliaries compatibility | ReStart compatibility | No. of modules EN 50022 | Pack / Carton |
|--|---------------|----------|---------------|---------------------------|-----------------------|-------------------------|---------------|
| <b>No. of poles: 4P (N-conductor left)</b> |               |          |               |                           |                       |                         |               |
| GWD4302                                    | 25 A          | 30 mA    | 400 V         | Yes                       | Yes                   | 4                       | 1/3           |
| GWD4322                                    | 40 A          | 30 mA    | 400 V         | Yes                       | Yes                   | 4                       | 1/3           |
| GWD4342                                    | 63 A          | 30 mA    | 400 V         | Yes                       | Yes                   | 4                       | 1/3           |

### IDP - A TYPE INSTANTANEOUS



GW D4 011

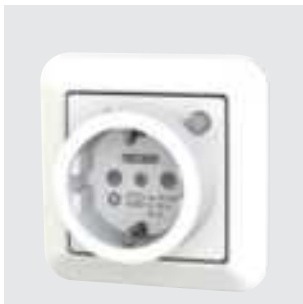
#### RESIDUAL CURRENT CIRCUIT BREAKERS



| Code                                       | Rated current | $I_{dn}$ | Rated voltage | Auxiliaries compatibility | ReStart compatibility | No. of modules EN 50022 | Pack / Carton |
|--|---------------|----------|---------------|---------------------------|-----------------------|-------------------------|---------------|
| <b>No. of poles: 4P</b>                    |               |          |               |                           |                       |                         |               |
| GW94867                                    | 25 A          | 30 mA    | 400 V         | Yes                       | No                    | 3                       | 1/4           |
| GW94897                                    | 40 A          | 30 mA    | 400 V         | Yes                       | No                    | 3                       | 1/4           |
| <b>No. of poles: 4P (N-conductor left)</b> |               |          |               |                           |                       |                         |               |
| GWD4312                                    | 25 A          | 30 mA    | 400 V         | Yes                       | Yes                   | 4                       | 1/3           |
| GWD4332                                    | 40 A          | 30 mA    | 400 V         | Yes                       | Yes                   | 4                       | 1/3           |
| GWD4352                                    | 63 A          | 30 mA    | 400 V         | Yes                       | Yes                   | 4                       | 1/3           |

## LOCAL RESIDUAL CURRENT PROTECTION DEVICES

### SOCKET OUTLETS WITH RESIDUAL CURRENT PROTECTION



GW 95 522

#### IP21 RCD SAFETY SOCKET OUTLETS - WHITE COLOUR

| Code    | Idn   | Rated current | Type | Rated voltage | Pack / Carton |
|---------|-------|---------------|------|---------------|---------------|
| GW95521 | 10 mA | 16 A          | A    | 230 V         | 1/2           |
| GW95522 | 30 mA | 16 A          | A    | 230 V         | 1/2           |

**NOTE:** RCD socket-outlets can be used for flush-mounting or wall-mounting application. Only for wall-mounting application, GW95527 is necessary.



GW 95 524

#### IP44 RCD SAFETY SOCKET OUTLETS - WHITE COLOUR

| Code    | Idn   | Rated current | Type | Rated voltage | Pack / Carton |
|---------|-------|---------------|------|---------------|---------------|
| GW95523 | 10 mA | 16 A          | A    | 230 V         | 1/2           |
| GW95524 | 30 mA | 16 A          | A    | 230 V         | 1/2           |

**NOTE:** RCD socket-outlets can be used for flush-mounting or wall-mounting application. Only for wall-mounting application, GW95527 is necessary.



GW 95 526

#### IP41 RCD SAFETY UNIT - WHITE COLOUR

| Code    | Idn   | Rated current | Type | Rated voltage | Pack / Carton |
|---------|-------|---------------|------|---------------|---------------|
| GW95525 | 10 mA | 16 A          | A    | 230 V         | 1/2           |
| GW95526 | 30 mA | 16 A          | A    | 230 V         | 1/2           |

**NOTE:** RCD safety units can be used for flush-mounting or wall-mounting application. Only for wall-mounting application, GW95527 is necessary.



GW 95 527

#### WALL-MOUNTING BOX - WHITE COLOUR

| Code    | Outer dim. LxHxD (mm) | Entries No. holes / Ø | Pack / Carton |
|---------|-----------------------|-----------------------|---------------|
| GW95527 | 80x80x50              | 6 / 19                | 117           |

**CHARACTERISTICS:** box suitable for all RCD socket-outlets and RCD safety unit types.

**NOTE:** only for wall-mounting application. The IP protection rating depends on IP of RCD socket-outlet or RCD safety unit chosen.

# 90 RCD



GW 95 521 N

## IP21 RCD SAFETY SOCKET OUTLETS - BLACK COLOUR

| Code     | Idn   | Rated current | Type | Rated voltage | Pack / Carton |
|----------|-------|---------------|------|---------------|---------------|
| GW95521N | 10 mA | 16 A          | A    | 230 V         | 1/2           |
| GW95522N | 30 mA | 16 A          | A    | 230 V         | 1/2           |

**NOTE:** RCD socket-outlets can be used for flush-mounting or wall-mounting application. Only for wall-mounting application, GW95527N is necessary.



GW 95 523 N

## IP44 RCD SAFETY SOCKET OUTLETS - BLACK COLOUR

| Code     | Idn   | Rated current | Type | Rated voltage | Pack / Carton |
|----------|-------|---------------|------|---------------|---------------|
| GW95523N | 10 mA | 16 A          | A    | 230 V         | 1/2           |
| GW95524N | 30 mA | 16 A          | A    | 230 V         | 1/2           |

**NOTE:** RCD socket-outlets can be used for flush-mounting or wall-mounting application. Only for wall-mounting application, GW95527N is necessary.



GW 95 525 N

## IP41 RCD SAFETY UNIT - BLACK COLOUR

| Code     | Idn   | Rated current | Type | Rated voltage | Pack / Carton |
|----------|-------|---------------|------|---------------|---------------|
| GW95525N | 10 mA | 16 A          | A    | 230 V         | 1/2           |
| GW95526N | 30 mA | 16 A          | A    | 230 V         | 1/2           |

**NOTE:** RCD safety units can be used for flush-mounting or wall-mounting application. Only for wall-mounting application, GW95527N is necessary.



GW 95 527 N

## WALL-MOUNTING BOX - BLACK COLOUR

| Code     | Outer dim. LxHxD (mm) | Entries No. holes / Ø | Pack / Carton |
|----------|-----------------------|-----------------------|---------------|
| GW95527N | 80x80x50              | 6 / 19                | 117           |

**CHARACTERISTICS:** box suitable for all RCD socket-outlets and RCD safety unit types.

**NOTE:** only for wall-mounting application. The IP protection rating depends on IP of RCD socket-outlet or RCD safety unit chosen.



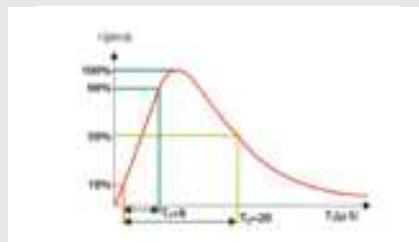
Scan the QR Code and find out all the technical informations.

**A CIRCUIT BREAKER FOR EVERY NEED**



The 90 RCD range meets all the protection requirements against earth leakage in electrical systems with different types of current, from AC type to A type.

**SERVING CONTINUITY**



The 90 RCD range also includes IR Reinforced Immunity versions, which are characterised by high resistance to untimely tripping caused by power surges. These versions are particularly suitable in systems where continuity of service is essential.

**MAXIMUM PROTECTION IN MINIMUM SPACE**



The use of MDC compact residual current circuit breakers reduces the number of modules installed, allowing the installation of smaller, and therefore less costly, enclosures.



# MODULAR ACCESSORIES



**90 AM**

MODULAR ACCESSORIES

*pag. 154*





## **90 PV**

PRODUCTS FOR PHOTOVOLTAIC SYSTEMS

*pag. 170*

# 90 AM

## Modular accessories

The 90 AM range, in addition to auxiliaries common for the all circuit breakers, comprises many modular accessories for the protection, command, programming, measurement and signalling in electrical systems.



## AUXILIARIES AND ACCESSORIES FOR MODULAR CIRCUIT BREAKERS

### ELECTRICAL AUXILIARIES FOR CIRCUIT BREAKERS MTC / MT / MDC



GW 96 012

#### SHUNT TRIP RELEASES

| Code    | Rated voltage (V)     | No. of modules EN 50022 | Pack / Carton |
|---------|-----------------------|-------------------------|---------------|
| GW96012 | 110-125 dc 110-415 ac | 1                       | 1/8           |

**APPLICATIONS:** used for the remote trip of the coupled circuit breaker.

**CHARACTERISTICS:** minimum operating voltage: 0.7 Vn min. Maximum operating voltage: 1.1 Vn max.

**NOTE:** up to max. one release (shunt trip or under voltage) can be fitted to each circuit breaker with an auxiliary contact.



GW 96 016

#### UNDER VOLTAGE RELEASES (DELAYED)

| Code    | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---------|-------------------|-------------------------|---------------|
| GW96016 | 230 ac            | 1                       | 1/8           |

**APPLICATIONS:** constantly controls the effective value of the voltage, and trips the coupled circuit breaker when the voltage falls below its minimum value.

The 300 ms delay allows any tiny blackouts to be avoided, preventing the untimely tripping of circuit breaker.

**NOTE:** up to max. one release (shunt trip or under voltage) can be fitted to each circuit breaker with an auxiliary contact.

### ELECTRICAL AUXILIARIES FOR RCCBS IDP



GW D6 015

#### SHUNT TRIP RELEASES

| Code    | Suitable for                  | Rated voltage (V)     | No. of modules EN 50022 | Pack / Carton |
|---------|-------------------------------|-----------------------|-------------------------|---------------|
| GW6015  | IDP 25-80A 2P / IDP 25-63A 4P | 110-125 dc 110-415 ac | 1                       | 1/8           |
| GW96015 | IDP 4P - 3 modules            | 230 AC                | 0.5                     | 1/12          |

**APPLICATIONS:** used for the remote trip of the coupled circuit breaker.

**CHARACTERISTICS:** minimum operating voltage: 0.7 Vn min. maximum operating voltage: 1.1 Vn max.

## ELECTRICAL AUXILIARIES FOR SWITCH DISCONNECTORS WITH ACCESSORY OPTIONS



GW D6 015

### SHUNT TRIP RELEASES

| Code             | Rated voltage (V)     | No. of modules EN 50022 | Pack / Carton |
|------------------|-----------------------|-------------------------|---------------|
| <b>GW D6 015</b> | 110-125 dc 110-415 ac | 1                       | 1/8           |

**APPLICATIONS:** used for the remote trip of the coupled switch disconnecter.

**CHARACTERISTICS:** minimum operating voltage: 0.7 Vn min. maximum operating voltage: 1.1 Vn max.

**NOTES:** up to max. one release (shunt trip or undervoltage) can be fitted to each switch disconnecter with one auxiliary contact.



GW D6 019

### UNDER VOLTAGE RELEASES (DELAYED)

| Code             | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|------------------|-------------------|-------------------------|---------------|
| <b>GW D6 019</b> | 230 ac            | 1                       | 1/8           |

**APPLICATIONS:** constantly controls the effective value of the voltage, and trips the coupled switch disconnecter when the voltage falls below its minimum value. The 300 ms delay allows any momentary voltage drops to be avoided, preventing the untimely tripping of switch disconnecter.

**NOTE:** up to max. one release (shunt trip or undervoltage) can be fitted to each switch disconnecter with an auxiliary contact.

## BUSBARS

### MONOBLOC BUSBARS



GW 96 507 F

### MONOBLOC BUSBARS 2P

| Code                      | Type of main  | Type of outgoing | Rated current | Pack / Carton |
|---------------------------|---------------|------------------|---------------|---------------|
| <b>Length: 13 modules</b> |               |                  |               |               |
| <b>GW 96 507 F</b>        | IDP/MDC/MT 2P | 11 MTC 1P+N/2P   | 63 A          | 1/10          |

**ACCESSORY SUPPLIED:** closing plug (to be used only if the busbar is cut); plumbable screw caps with an adhesive indicating voltage presence.

**APPLICATIONS:** busbars indicated for domestic enclosures.

## BUSBARS FOR CIRCUIT BREAKERS MTC



GW 96 500

### PIN BUSBARS

| Code                      | Type | Colour | Rated current | Pack / Carton |
|---------------------------|------|--------|---------------|---------------|
| <b>Length: 13 modules</b> |      |        |               |               |
| GW96500                   | 1P   | Grey   | 80 A          | 25            |
| GW96501                   | 1P   | Blue   | 80 A          | 25            |

**NOTE:** not compatible with GW96963 end caps.



GW 96 502

### POWER SUPPLY KIT

| Code                      | Type | Colour    | Rated current | Pack / Carton |
|---------------------------|------|-----------|---------------|---------------|
| <b>Length: 13 modules</b> |      |           |               |               |
| GW96502                   | 1P   | Grey-Blue | 80 A          | 1/5           |

**CHARACTERISTICS:** consists of n.1 GW96500, n.1 GW96501, n. 2 GW96503.

## BUSBARS FOR CIRCUIT BREAKERS MT / MDC / IDP



GW 96 984

### PIN BUSBARS

| Code                      | Type | Rated current | Pack / Carton |
|---------------------------|------|---------------|---------------|
| <b>Length: 12 modules</b> |      |               |               |
| GW96984                   | 1P   | 63 A          | 50            |
| GW96985                   | 2P   | 63 A          | 25            |
| GW96986                   | 3P   | 63 A          | 25            |
| GW96987                   | 4P   | 80 A          | 20            |

**NOTES:** 12 module versions complete with end caps.

The 1P versions are not compatible with GW96963 end caps.

Busbars are suitable also for modular switch-disconnectors with red lever.



GW 96 992

### FORK BUSBARS

| Code                      | Type | Rated current | Pack / Carton |
|---------------------------|------|---------------|---------------|
| <b>Length: 12 modules</b> |      |               |               |
| GW96992                   | 1P   | 63 A          | 50            |
| GW96993                   | 2P   | 63 A          | 25            |
| GW96994                   | 3P   | 63 A          | 25            |
| GW96995                   | 4P   | 80 A          | 20            |

**NOTES:** 12 module versions complete with end caps.

Busbars are suitable also for modular switch-disconnectors with red lever.

## WIRING COMPONENTS



GW 96 962

### CONNECTION TERMINALS FOR PIN BUSBARS

| Code              | Suitable for                     | Type  | Length (mm) | Conductors section (mm <sup>2</sup> ) | Pack / Carton |
|-------------------|----------------------------------|-------|-------------|---------------------------------------|---------------|
| <b>GW96503</b>    | 1P busbar for MTC                | -     | -           | 25                                    | 50            |
| <b>GW96961</b>    | 1P, 2P, 3P busbar for MT/MDC/IDP | Short | 14          | 25                                    | 50            |
| <b>GW96961DY*</b> | 1P, 2P, 3P busbar for MT/MDC/IDP | Short | 14          | 25                                    | 1/20          |
| <b>GW96962</b>    | 4P busbar for MT/MDC/IDP         | Long  | 27          | 25                                    | 50            |
| <b>GW96962DY*</b> | 4P busbar for MT/MDC/IDP         | Long  | 27          | 25                                    | 1/20          |

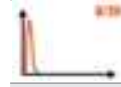
\* kit of 4 pieces

## SURGE PROTECTIVE DEVICES LST



GW D6 420

### SURGE PROTECTIVE DEVICES TYPE 2



| Code                      | Maximum discharge current | Rated voltage AC | No. of modules EN 50022 | Aux end-of-life contact | Pack / Carton |
|---------------------------|---------------------------|------------------|-------------------------|-------------------------|---------------|
| <b>No. of poles: 1P+N</b> |                           |                  |                         |                         |               |
| GWD6407                   | 20 kA                     | 230 V            | 2                       | No                      | 1             |
| GWD6417                   | 40 kA                     | 230 V            | 2                       | No                      | 1             |
| GWD6418                   | 40 kA                     | 230 V            | 2                       | Yes                     | 1             |
| <b>No. of poles: 3P+N</b> |                           |                  |                         |                         |               |
| GWD6409                   | 20 kA                     | 400 V            | 4                       | No                      | 1             |
| GWD6419                   | 40 kA                     | 400 V            | 4                       | No                      | 1             |
| GWD6420                   | 40 kA                     | 400 V            | 4                       | Yes                     | 1             |

**CHARACTERISTICS:** SPDs are equipped with extractable cartridges with optic end-of-life signal.

# COMMAND

## SWITCH DISCONNECTORS (EN 60947-3)



GW 96 134

### AC SWITCH DISCONNECTORS, WITHOUT ACCESSORY OPTION

| Code                    | Rated current | Rated voltage AC | Accessorisable with auxiliary contacts | Accessorisable with opening releases | No. of modules EN 50022 | Pack / Carton |
|-------------------------|---------------|------------------|--|--------------------------------------|-------------------------|---------------|
| <b>No. of poles: 1P</b> |               |                  |  |                                      |                         |               |
| GW96104                 | 32 A          | 240 V            | Yes                                    | No                                   | 1                       | 6/24          |
| GW96105                 | 40 A          | 240 V            | Yes                                    | No                                   | 1                       | 6/24          |
| GW96106                 | 63 A          | 240 V            | Yes                                    | No                                   | 1                       | 6/24          |
| <b>No. of poles: 2P</b> |               |                  |  |                                      |                         |               |
| GW96114                 | 32 A          | 415 V            | Yes                                    | No                                   | 2                       | 3/12          |
| GW96115                 | 40 A          | 415 V            | Yes                                    | No                                   | 2                       | 3/12          |
| GW96116                 | 63 A          | 415 V            | Yes                                    | No                                   | 2                       | 3/12          |
| <b>No. of poles: 3P</b> |               |                  |  |                                      |                         |               |
| GW96124                 | 32 A          | 415 V            | Yes                                    | No                                   | 3                       | 2/8           |
| GW96125                 | 40 A          | 415 V            | Yes                                    | No                                   | 3                       | 2/8           |
| GW96126                 | 63 A          | 415 V            | Yes                                    | No                                   | 3                       | 2/8           |
| <b>No. of poles: 4P</b> |               |                  |  |                                      |                         |               |
| GW96134                 | 32 A          | 415 V            | Yes                                    | No                                   | 4                       | 1/3           |
| GW96135                 | 40 A          | 415 V            | Yes                                    | No                                   | 4                       | 1/3           |
| GW96136                 | 63 A          | 415 V            | Yes                                    | No                                   | 4                       | 1/3           |

NOTES: Can ONLY be accessorised with an auxiliary open/closed position contact GW96001.



GW96193

### AC ROTARY DISCONNECT SWITCHES, WITH ACCESSORY OPTION

| Code                    | Rated current | Rated voltage AC | Accessorisable with auxiliary contacts | Accessorisable with opening releases | No. of modules EN 50022 | Pack / Carton |
|-------------------------|---------------|------------------|--|--------------------------------------|-------------------------|---------------|
| <b>No. of poles: 2P</b> |               |                  |  |                                      |                         |               |
| GW96182                 | 40 A          | 415 V            | Yes                                    | Yes                                  | 2                       | 1/6           |
| GW96183                 | 63 A          | 415 V            | Yes                                    | Yes                                  | 2                       | 1/6           |
| <b>No. of poles: 4P</b> |               |                  |  |                                      |                         |               |
| GW96192                 | 40 A          | 415 V            | Yes                                    | Yes                                  | 4                       | 1/3           |
| GW96193                 | 63 A          | 415 V            | Yes                                    | Yes                                  | 4                       | 1/3           |

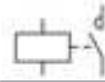
NOTES: can be combined with GWD6002 open/closed position auxiliary contact, with shunt trip release (GWD6013, GWD6015) and undervoltage release (GWD6019, GWD6020, GWD6021). Up to a maximum of 2 accessories consisting of 1 auxiliary contact and 1 opening release (shunt trip or undervoltage) can be assembled on each switch disconnector. Lockable with accessory GW96041 to block the operating lever in either the "ON" or "OFF" position. For padlocks 05 mm max.

## CONTACTORS CTR



GW D6 703

### CONTACTORS



| Code  | Contacts | Control coil voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---|----------|--------------------------|-------------------------|---------------|
| <b>Rated current (AC-1/AC-7a): 20 A - CTR20</b> |          |                          |                         |               |
| GWD6701   | 1NO      | 230 ac                   | 1                       | 6/24          |
| GWD6703   | 2NO      | 230 ac                   | 1                       | 6/24          |
| GWD6709   | 4NO      | 230 ac                   | 2                       | 3/12          |
| <b>Rated current (AC-1/AC-7a): 25 A - CTR25</b> |          |                          |                         |               |
| GWD6712   | 2NO      | 230 ac - 220 dc          | 2                       | 3/12          |
| GWD6715   | 4NO      | 230 ac - 220 dc          | 2                       | 3/12          |
| <b>Rated current (AC-1/AC-7a): 40 A - CTR40</b> |          |                          |                         |               |
| GWD6721   | 2NO      | 230 ac - 220 dc          | 3                       | 2/8           |
| GWD6724   | 4NO      | 230 ac - 220 dc          | 3                       | 2/8           |
| <b>Rated current (AC-1/AC-7a): 63 A - CTR63</b> |          |                          |                         |               |
| GWD6731   | 2NO      | 230 ac - 220 dc          | 3                       | 2/8           |
| GWD6734   | 4NO      | 230 ac - 220 dc          | 3                       | 2/8           |

**APPLICATIONS:** they are used for automatic control of electrical devices with high number of operations. The switching of contacts happens when the coil is both energized and de-energized. For other applications than AC-1/AC-7a utilization category, please consult the technical pages.

**CHARACTERISTICS:** they can be combined with auxiliary contacts and sealing terminal covers.

**NOTE:** it's suggested the use of a spacer insert between adjacent contactors to ensure optimum operation.



GW D6 742

### MANUAL CONTROL CONTACTORS

| Code   | Contacts | Control coil voltage (V) | No. of modules EN 50022 | Pack / Carton |
|--|----------|--------------------------|-------------------------|---------------|
| <b>Rated current (AC-1/AC-7a): 20 A - CTRM20</b> |          |                          |                         |               |
| GWD6742  | 2NO      | 230 ac                   | 1                       | 6/24          |
| <b>Rated current (AC-1/AC-7a): 25 A - CTRM25</b> |          |                          |                         |               |
| GWD6751  | 2NO      | 230 ac - 220 dc          | 2                       | 3/12          |

**APPLICATIONS:** they have a three positions built-in toggle handle switch (A - O - I) to enable permanent opening or closing manually leaving out normal contactor function

Position A: working as normal contactor

Position O: working as manual control contactor (contacts locked mechanically)

Position I: working as manual control contactor (contacts are switched without control coil voltage). When coil is energized the toggle handle switch is automatically set to position A maintaining the previous contacts status.

**CHARACTERISTICS:** they can be combined with auxiliary contacts and sealing terminal covers

**NOTE:** it's suggested the use of a spacer insert between adjacent contactors to ensure optimum operation.

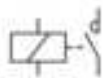


## INSTALLATION RELAYS RLM



GW D6 604

### INSTALLATION RELAY 16 A



| Code    | Contacts     | Control coil voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---------|--------------|--------------------------|-------------------------|---------------|
| GWD6604 | 1NO          | 230 ac                   | 1                       | 6/24          |
| GWD6611 | 1 Changeover | 230 ac                   | 1                       | 6/24          |
| GWD6624 | 2NO          | 230 ac                   | 1                       | 6/24          |
| GWD6630 | 2 Changeover | 230 ac                   | 2                       | 3/12          |
| GWD6634 | 4NO          | 230 ac                   | 2                       | 3/12          |

**CHARACTERISTICS:** relay with single stable state; the contacts are maintained in switched position only while the control coil is supplied. they can be combined with auxiliary contacts and sealing terminal covers.

**APPLICATION:** command of low voltage circuits with high number of switchovers (lighting, heating and ventilation systems), they have a three positions built-in toggle handle switch (A - 0 - I) to enable permanent opening or closing manually independently of the external commands:

Position A: automatic operation as a momentary relay.

Position 0: operation as a manually commanded momentary relay (contacts locked mechanically in the rest state).

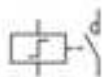
Position I: operation as a manually commanded momentary relay (contacts switched without the need for a remote control with return to automatic on A as soon as the lever is released).

## LATCHING RELAY RLB



GW D6 644

### LATCHING RELAY 16 A



| Code    | Contacts     | Control coil voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---------|--------------|--------------------------|-------------------------|---------------|
| GWD6644 | 1NO          | 230 ac                   | 1                       | 6/24          |
| GWD6650 | 1 Changeover | 230 ac                   | 1                       | 6/24          |
| GWD6659 | 2NO          | 230 ac                   | 1                       | 6/24          |
| GWD6664 | 2 Changeover | 230 ac                   | 2                       | 3/12          |
| GWD6669 | 4NO          | 230 ac                   | 2                       | 3/12          |

**CHARACTERISTICS:** relay with two stable states; every impulse to the coil switches over the contacts position that is maintained until the next signal. Auxiliary contacts, central command or group command can be used up to max 1 accessory for each relay.

**APPLICATION:** control of lighting circuits in domestic and commercial environments.

It is possible to inhibit the remote command thanks to the ON/OFF frontal selector.

The lever indicates the contacts status and it could be used in order to manual command the relay.

## LOAD MANAGEMENT RELAY P-COMFORT



GW D6 916

### LOAD MANAGEMENT RELAY P-COMFORT (WIRE VERSION)

| Code    | Rated voltage (V) | Rated current | Type relay contact                  | Capacity relay contact | No. of modules EN 50022 | Pack / Carton |
|---------|-------------------|---------------|-------------------------------------|------------------------|-------------------------|---------------|
| GWD6916 | 230 ac            | 32 A          | Changeover (potential free contact) | 16 A AC1 250 V ac      | 2                       | 1/6           |

**APPLICATION:** The P-Comfort relay can be installed in electrical systems up to 6 kW. In the event of overload due to the simultaneous switching of several electric loads, P-Comfort prevents power supply interruption disconnecting the non-preferential loads wired to the relay inside the device. After a time period, P-Comfort automatically power supplies non-preferential loads again, avoiding service interruptions. P-Comfort allows the measurement and visualisation on the display of the active energy values (supplied and absorbed), and instantaneous active power (supplied and absorbed).



GW A1 916

## LOAD MANAGEMENT RELAY P-COMFORT RF ZIGBEE (RADIO FREQUENCY VERSION)

| Code    | Rated voltage (V) | Rated current | Type relay contact                  | Capacity relay contact | No. of modules EN 50022 | Pack / Carton |
|---------|-------------------|---------------|-------------------------------------|------------------------|-------------------------|---------------|
| GWA1916 | 230V ac           | 32 A          | Changeover (potential free contact) | 16 A AC1 250 V ac      | 2                       | 1/6           |

**APPLICATION:** The P-Comfort relay can be installed in electrical systems up to 6 kW. In the event of overload due to the simultaneous switching of several electric loads, P-Comfort prevents power supply interruption disconnecting the non-preferential loads connected by radio frequency to smart plug RF ZigBee (GWA1526), to flush-mounting actuator RF ZigBee (GWA1523) or wired to the relay inside the device (max 10 devices). The disconnection and connection of preferential loads can be set by Priority (regardless of power consumption) or by Power (depending on the power consumption).

## KIT P-COMFORT RF ZIGBEE (RADIO FREQUENCY VERSION)



GW A1 912

### PRE-INSTALLED KIT P-COMFORT RF ZIGBEE AND SMART PLUG

| Code    | Number of smart plugs included | Pack / Carton |
|---------|--------------------------------|---------------|
| GWA1911 | 1                              | 1             |
| GWA1912 | 2                              | 1             |

**CHARACTERISTICS:** P-Comfort RF ZigBee provided with the kit is pre-installed to operate in Priority mode: when the power threshold is exceeded, loads connected to the Smart plug 1 are disconnected, then the loads connected to the Smart plug 2 and after all the loads wired to the relay inside the device. The reconnection of non-preferential loads is done following reverse sequence.

## PROGRAMMING

### TIMERS



GW 96 809

### STAIRCASE LIGHTING TIME DELAY SWITCHES

| Code    | Rated voltage (V) | Regulation field | Type of contacts | Contact rating - In | No. of modules EN 50022 | Pack / Carton |
|---------|-------------------|------------------|------------------|---------------------|-------------------------|---------------|
| GW96809 | 230 ac            | 30 s - 12 min    | 1 NO             | 16 A                | 1                       | 1/8           |

**APPLICATION:** timed management of the lights in passageway environments (stairs, corridors, entrances, etc.).

**CHARACTERISTICS:** the electronic staircase time switch, without switch-off warning, also allow to:

- turn off the lights completely by prolonged pressing of push-button (energy saving function).
- to extend lighting time by rapid and multiple pressing of the push-button (pumping function).

## ANALOGUE/ELECTROMECHANICAL TIME SWITCHES TMR



GW D6 771

### COMPACT DAILY TIME SWITCHES

| Code    | Charge reserve | Type of contacts | Contact rating | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---------|----------------|------------------|----------------|-------------------|-------------------------|---------------|
| GWD6771 | No             | 1 NO             | 16 A           | 230V ac           | 1                       | 1/12          |
| GWD6772 | 150 h          | 1 NO             | 16 A           | 230V ac           | 1                       | 1/12          |

**APPLICATIONS:** command and management of electrical loads according to daily programming; particularly useful for timing control of functions (for example: ventilation, lighting, heating, irrigation), comfort optimization and energy saving.

**NOTE:** 24 hours quadrant with 96 trippers (minimum adjustment of the time switch: 15 minutes).

**CHARACTERISTICS:** equipped with the switch for the choice of operating mode:

- OFF permanent mode
- automatic (according to the set programming with the trippers)
- ON permanent mode



GW D6 773

### DAILY TIME SWITCH

| Code            | Charge reserve | Type of contacts | Contact rating | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|-----------------|----------------|------------------|----------------|-------------------|-------------------------|---------------|
| <b>GW D6773</b> | 150 h          | 1 Changeover     | 16 A           | 230V ac           | 2                       | 1/6           |

**APPLICATIONS:** command and management of electrical loads according to daily programming; particularly useful for timing control of functions (for example: ventilation, lighting, heating, irrigation), comfort optimization and energy saving.

**NOTE:** 24 hours quadrant with 48 trippers (minimum adjustment of the time switch: 30 minutes).

**CHARACTERISTICS:** equipped with the switch for the choice of operating mode:

- OFF permanent mode
- automatic (according to the set programming with the trippers)
- ON permanent mode



GW D6 776

### WEEKLY TIME SWITCH

| Code            | Charge reserve | Type of contacts | Contact rating | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|-----------------|----------------|------------------|----------------|-------------------|-------------------------|---------------|
| <b>GW D6776</b> | 150 h          | 1 Changeover     | 16 A           | 230V ac           | 2.5                     | 1/4           |

**APPLICATIONS:** command and management of electrical loads according to daily programming; particularly useful for timing control of functions (for example: ventilation, lighting, heating, irrigation), comfort optimization and energy saving.

**NOTE:** 7 days quadrant with 84 trippers (minimum adjustment of the time switch: 2 hours).

**CHARACTERISTICS:** equipped with the switch for the choice of operating mode:

- OFF permanent mode
- automatic (according to the set programming with the trippers)
- ON permanent mode

## DIGITAL TIME SWITCHES TMR



GW D6 781

### COMPACT WEEKLY TIME SWITCH

| Code            | Type of contacts | Contact rating | Rated voltage (V) | Charge reserve | No. of modules EN 50022 | Pack / Carton |
|-----------------|------------------|----------------|-------------------|----------------|-------------------------|---------------|
| <b>GW D6781</b> | 1 NO             | 16 A           | 230V ac           | 4 years        | 1                       | 1/6           |

**APPLICATIONS:** command and management of electrical loads according to weekly programming; particularly useful for timing control of functions (for example: ventilation, lighting, heating, irrigation), comfort optimization and energy saving.

**NOTE:** quadrant with 48 virtual trippers (minimum adjustment of the time switch: 30 minutes).



GW D6 782

### WEEKLY TIME SWITCHES



| Code            | Type of contacts | Contact rating | Rated voltage (V) | Charge reserve | No. of modules EN 50022 | Pack / Carton |
|-----------------|------------------|----------------|-------------------|----------------|-------------------------|---------------|
| <b>GW D6782</b> | 1 Changeover     | 16 A           | 230V ac           | 5 years        | 2                       | 1/3           |
| <b>GW D6783</b> | 2 Changeover     | 16 A           | 230V ac           | 5 years        | 2                       | 1/3           |

**APPLICATIONS:** command and management of electrical loads according to weekly programming; particularly useful for timing control of functions (for example: ventilation, lighting, heating, irrigation), comfort optimization and energy saving.

**NOTE:** maximum number of programs that can be stored: 120.

**CHARACTERISTICS:** The NFC interface allows the connection with smartphone and tablet to transfer the programs set on the time switch by means of the specific APP. Particularly with free of charge Gewiss TimerOn APP you can:

- create programs directly on your smartphone and tablet
- transfer programs created on several time switches
- copy and paste programs among several time switches
- switch channels manually
- obtain settings (date, time, coordinates) automatically and transfer them to the time switch

## TWILIGHT SWITCH TMR



GW D6 779

### TWILIGHT SWITCH (WITH OUTDOOR PROBE)

| Code     | Type of contacts | Contact rating | Rated voltage (V) | Brightness control | No. of modules EN 50022 | Pack / Carton |
|----------|------------------|----------------|-------------------|--------------------|-------------------------|---------------|
| GW D6779 | 1 NO             | 16 A           | 230V ac           | 1...100 lux        | 1                       | 1/3           |

**APPLICATIONS:** command the ON/OFF switching of lighting devices according to outdoor lighting measured by outdoor probe.

**NOTE:** maximum distance between the probe and the twilight switch: 50 m (we recommend using twisted or double insulated cable).

## ASTRONOMICAL SWITCH TMR



GW D6 785

### ASTRONOMICAL SWITCH WITH SIMPLIFIED PROGRAMMING

| Code     | Type of contacts | Contact rating | Rated voltage (V) | Charge reserve | No. of modules EN 50022 | Pack / Carton |
|----------|------------------|----------------|-------------------|----------------|-------------------------|---------------|
| GW D6785 | 1 Changeover     | 16 A           | 230V ac           | 5 years        | 2                       | 1/4           |

**APPLICATIONS:** command ON/OFF switching of lighting devices (without the outdoor probe) according to sunrise and sunset of geographical area.

**NOTE:** equipped with display with virtual trippers to set one or more OFF switching periods during the night (minimum adjustment of the time switch: 30 minutes). The programming is daily type.



GW D6 786

### ASTRONOMICAL SWITCH



| Code     | Type of contacts | Contact rating | Rated voltage (V) | Charge reserve | No. of modules EN 50022 | Pack / Carton |
|----------|------------------|----------------|-------------------|----------------|-------------------------|---------------|
| GW D6786 | 2 Changeover     | 16 A           | 230V ac           | 3 years        | 2                       | 1/3           |

**APPLICATIONS:** command ON/OFF switching of lighting devices (without the outdoor probe) according to sunrise and sunset of geographical area.

**NOTE:** commands the ON/OFF night weekly switching, divided between 2 contacts (maximum number of 120 programs can be stored divided between 2 channels).

**CHARACTERISTICS:** The NFC interface allows the connection with smartphone and tablet to transfer the programs set on the astronomical switch by means of the specific APP.

Particularly with free of charge Gewiss TimerOn APP you can:

- create programs directly on your smartphone and tablet
- transfer programs created on several astronomical switches
- copy and paste programs among several astronomical switches
- switch channels manually
- obtain settings (date, time, coordinates) automatically and transfer them to the astronomical switch

## TIME/ASTRONOMICAL SWITCHES TMR



GW D6 788

### TIME/ASTRONOMICAL SWITCHES



| Code     | Type of contacts | Contact rating | Rated voltage (V) | Charge reserve | No. of modules EN 50022 | Pack / Carton |
|----------|------------------|----------------|-------------------|----------------|-------------------------|---------------|
| GW D6789 | 2 Changeover     | 16 A           | 230V ac           | 5 years        | 2                       | 1/3           |

**APPLICATIONS:** command and management of electrical loads according to weekly or astronomical programming; for GW D6789 code it is possible to set a different program for each channel (time or astronomical).

**NOTE:** maximum number of programs that can be stored: 120.

**CHARACTERISTICS:** The Bluetooth interface allows the connection with smartphone and tablet to transfer the programs set on the time/astronomical switch by means of the specific APP.

Particularly with free of charge Gewiss TimerOn APP you can:

- create programs directly on your smartphone and tablet
- transfer programs created on several time/astronomical switches
- copy and paste programs among several time/astronomical switches
- switch channels manually
- obtain settings (date, time, coordinates) automatically and transfer them to the time switch

# MEASUREMENT

## ENERGY METERS



GW D6 801

### SINGLE-PHASE DIGITAL ENERGY METERS FOR DIRECT CONNECTION

| Code    | Type MID | Integrated Modbus | Accuracy | I max (A) | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---------|----------|-------------------|----------|-----------|-------------------|-------------------------|---------------|
| GWD6802 | Yes      | No                | 1        | 40 A      | 230 ac            | 1                       | 1/5           |

**APPLICATION:** they allow the measurement and visualisation on the display (No. digits: 5 units + 2 decimals) of the active energy values (exported and imported), instantaneous active power (exported and imported), voltage, current, power factor and frequency.

If the GWD6802 energy meter is used with the KNX GW90876 interface, the measured values can be sent by KNX BUS network.

If the GWD6802 energy meter is used with the MODBUS GWD6820 interface, the measured values can be sent by Modbus RS485 network.

If the GWD6802 energy meter is used with the LAN-TCP/IP GWD6821 interface, the measured values can be sent by TCP/IP network.

**CHARACTERISTICS:** the energy meters have an impulse output for remote energy consumption control.



GW D6 809

### THREE-PHASE DIGITAL ENERGY METERS

| Code    | Type MID | Integrated Modbus | Accuracy                              | Connection          | Rated voltage (V) | No. of modules EN 50022 | Pack / Carton |
|---------|----------|-------------------|---------------------------------------|---------------------|-------------------|-------------------------|---------------|
| GWD6807 | Yes      | No                | 1 (active energy) 2 (reactive energy) | Direct (I max=80 A) | 400 ac            | 4                       | 1/2           |

**APPLICATION:** they allow the measurement and visualisation on the display (No. digits: 7 units + 2 decimals) of the active and reactive energy values (exported and imported), instantaneous active and reactive power values (exported and imported), apparent power, voltage, current, power factor, frequency, THD voltage and THD current.

If the GWD6807 energy meter is used with the KNX GW90876 interface, the measured values can be sent by KNX BUS network.

If the GWD6807 energy meter is used with the MODBUS GWD6820 interface, the measured values can be sent by Modbus RS485 network.

If the GWD6807 energy meter is used with the LAN-TCP/IP GWD6821 interface, the measured values can be sent by TCP/IP network.

**CHARACTERISTICS:** the meters have two impulse outputs for remote energy consumption control.

## SIGNALLING

### ILLUMINATED PUSH-BUTTONS



GW 96 568

#### ILLUMINATED PUSH-BUTTONS



| Code  | Contacts | Indicator light colour | Characteristics    | Rated current | No. of modules EN 50022 | Pack / Carton |
|---|----------|------------------------|--------------------|---------------|-------------------------|---------------|
| <b>Rated lamp voltage: 12-24-48 V ac/dc</b> |          |                        |                    |               |                         |               |
| GW96570                                     | 1 NO     | Green                  | Single push-button | 16 A          | 1                       | 1/12          |
| GW96571                                     | 1 NC     | Red                    | Single push-button | 16 A          | 1                       | 1/12          |
| <b>Rated lamp voltage: 230 V ac</b>         |          |                        |                    |               |                         |               |
| GW96566                                     | 1 NO     | Green                  | Single push-button | 16 A          | 1                       | 1/12          |
| GW96567                                     | 1 NC     | Red                    | Single push-button | 16 A          | 1                       | 1/12          |

CHARACTERISTICS: indicator light with LED.

## BELLS AND BUZZERS



GW 96 402

### BELLS

| Code    | Rated voltage | Power loss | No. of modules EN 50022 | Pack / Carton |
|---------|---------------|------------|-------------------------|---------------|
| GW96401 | 12 V          | 5 VA       | 1                       | 12            |
| GW96402 | 230 V         | 10 VA      | 1                       | 12            |
| GW96403 | 230 V         | 6.1 VA     | 2                       | 6             |

**CHARACTERISTICS:** GW96403 incorporates a transformer with a very low safety voltage of 24 V-.

**APPLICATIONS:** acoustic signal of an operation in the domestic and commercial sectors.



GW 96 408

### BUZZERS

| Code    | Rated voltage | Power loss | No. of modules EN 50022 | Pack / Carton |
|---------|---------------|------------|-------------------------|---------------|
| GW96406 | 12 V          | 5 VA       | 1                       | 12            |
| GW96407 | 230 V         | 10 VA      | 1                       | 12            |
| GW96408 | 230 V         | 6.1 VA     | 2                       | 6             |

**CHARACTERISTICS:** GW96408 incorporates a transformer with a very low safety voltage of 24 V-.

**APPLICATIONS:** acoustic signal of an operation in the domestic and commercial sectors.



GW 96 411

### COMBINED TRANSFORMER-BELL-BUZZER

| Code    | Rated voltage | Power loss | No. of modules EN 50022 | Pack / Carton |
|---------|---------------|------------|-------------------------|---------------|
| GW96411 | 230 V         | 3.8 VA     | 2                       | 4             |

**CHARACTERISTICS:** GW96411 incorporates a transformer with a very low safety voltage of 24 V-.

## TRANSFORMERS



GW 96 421

### BELLS TRANSFORMERS (FOR DISCONTINUOUS USE)

| Code    | Rated power                            | Primary voltage | Secondary voltage | No. of modules EN 50022 | Pack / Carton |
|---------|--|-----------------|-------------------|-------------------------|---------------|
| GW96421 | 6 VA (12 V) 4 VA (8 V) 2 VA (4 V)      | 230 V           | 4+8=12 V          | 2                       | 6             |
| GW96422 | 6 VA (24 V) 3 VA (12 V)                | 230 V           | 12+12=24 V        | 2                       | 6             |
| GW96423 | 10 VA (12 V)/6.6 VA (8 V)/3.3 VA (4 V) | 230 V           | 4+8=12 V          | 2                       | 6             |
| GW96424 | 10 VA (24 V)/5 VA (12 V)               | 230 V           | 12+12=24 V        | 2                       | 6             |
| GW96425 | 15 VA (12 V)/10 VA (8 V)/5 VA (4 V)    | 230 V           | 4+8=12 V          | 2                       | 6             |
| GW96426 | 15 VA (24 V)/7.5 VA(12 V)              | 230 V           | 12+12=24 V        | 2                       | 6             |
| GW96431 | 30 VA (12 V)/20 VA (8 V)/10 VA (4 V)   | 230 V           | 4+8=12 V          | 3                       | 4             |
| GW96432 | 30 VA (24 V)/15 VA (12 V)              | 230 V           | 12+12=24 V        | 3                       | 4             |
| GW96433 | 40 VA (12 V)/27 VA (8 V)/13 VA (4 V)   | 230 V           | 4+8=12 V          | 3                       | 4             |
| GW96434 | 40 VA (24 V)/20 VA (12 V)              | 230 V           | 12+12=24 V        | 3                       | 4             |

**APPLICATIONS:** distribution and realisation of SELV very low voltage safety circuits, with a value lower or equal to 24 V.

They allow electrical separation between the primary and secondary circuits, thus allowing the supply of bells and similar discontinuous operation signalling devices. They can also be used to supply the shunt trip release GW96011 with a rated voltage up to 24 V ac. To know the maximum number of releases that can be supplied with the transformers, refer to the technical characteristics.



GW 96 781

### TRANSFORMERS FOR BELLS AND BUZZERS (SWITCH OFF TYPE)

| Code    | Rated power | Primary voltage | Secondary voltage | No. of modules EN 50022 | Pack / Carton |
|---------|-------------|-----------------|-------------------|-------------------------|---------------|
| GW96781 | 8 VA        | 230 V           | 8 V               | 2                       | 1/6           |



GW 96 323

### SAFETY TRANSFORMERS

| Code    | Rated power     | Primary voltage | Secondary voltage | No. of modules EN 50022 | Pack / Carton |
|---------|-----------------|-----------------|-------------------|-------------------------|---------------|
| GW96321 | 15 VA (12/24 V) | 230 V           | 12+12=24 V        | 3                       | 4             |
| GW96322 | 25 VA (12/24 V) | 230 V           | 12+12=24 V        | 3                       | 4             |
| GW96323 | 40 VA (12/24 V) | 230 V           | 12+12=24 V        | 4                       | 1             |
| GW96324 | 63 VA (12/24 V) | 230 V           | 12+12=24 V        | 6                       | 1             |





90 AM



Scan the QR Code and find out all the technical informations.

INTELLIGENT LOAD MANAGEMENT



P-COMFORT prevents the interruption of electrical power: in the event of an overload, it only disconnects non-preferred loads, and then automatically reactivates them after a predefined time, thus eliminating any inconvenience due to blackout.

SIMPLIFIED ACCESSORY MANAGEMENT



Auxiliary contacts and trip coils, common to all circuit breakers, guarantee simplicity, interchangeability, multiple uses and rationalisation of the items.

OVERVOLTAGE UNDER CONTROL



The LST surge protection device range offers maximum protection against intense atmospheric discharges caused by direct and indirect lightning. The easy-to-extract cartridges makes it quicker and more convenient to replace used cartridges.

# 90 PV

## Products for photovoltaic systems

The 90 PV range includes modular products specifically for the DC side of the photovoltaic system in order to meet the most varying photovoltaic plant engineering requirements, from the residential context to the commercial/industrial one.



## DC MODULAR DEVICES

### SWITCH DISCONNECTORS



GW 96 187

#### DC ROTARY SWITCH DISCONNECTORS

| Code    | No. of poles | Rated current | Rated voltage DC | No. of modules EN 50022 | Pack / Carton |
|---------|--------------|---------------|------------------|-------------------------|---------------|
| GW96186 | 2P           | 25 A          | 600 V            | 3.5                     | 1             |
| GW96187 | 4P           | 32 A          | 1000 V           | 3.5                     | 1             |

**NOTE:** utilisation category DC21B. These switch disconnectors cannot be combined.

### SURGE PROTECTIVE DEVICES LST



GW D6 426

#### SURGE PROTECTIVE DEVICES TYPE 2 FOR PHOTOVOLTAIC APPLICATIONS



| Code      | Maximum discharge current | Rated voltage DC | No. of modules EN 50022 | Aux end-of-life contact | Pack / Carton |
|-----------|---------------------------|------------------|-------------------------|-------------------------|---------------|
| GW D6 426 | 40 kA                     | 600 V            | 3                       | No                      | 1             |
| GW D6 428 | 40 kA                     | 1000 V           | 3                       | No                      | 1             |

**CHARACTERISTICS:** SPDs are equipped with extractable cartridges with optic end-of-life signal.

### DISCONNECTABLE FUSE-HOLDERS



GW 96 227

#### DISCONNECTABLE FUSE-HOLDERS

| Code    | No. of poles | Rated current | Rated voltage | Fuse dimension (mm) | No. of modules EN 50022 | Pack / Carton |
|---------|--------------|---------------|---------------|---------------------|-------------------------|---------------|
| GW96226 | 1P           | 20 A          | 1000 V dc     | 10.3x38             | 1                       | 12            |
| GW96227 | 2P           | 20 A          | 1000 V dc     | 10.3x38             | 2                       | 6             |

**NOTE:** utilization category DC20B.

### FUSES



GW 72 131

#### CYLINDRICAL FUSES - TYPE GPV

| Code                                | Rated current | Rated voltage DC | Breaking capacity DC | Pack / Carton |
|-------------------------------------|---------------|------------------|----------------------|---------------|
| <b>Dimensions (mm): Ø 10.3 x 38</b> |               |                  |                      |               |
| GW72131                             | 6 A           | 1000 V           | 30 kA                | 10            |
| GW72132                             | 8 A           | 1000 V           | 30 kA                | 10            |
| GW72133                             | 10 A          | 1000 V           | 30 kA                | 10            |
| GW72134                             | 12 A          | 1000 V           | 30 kA                | 10            |
| GW72135                             | 16 A          | 1000 V           | 30 kA                | 10            |
| GW72136                             | 20 A          | 1000 V           | 30 kA                | 10            |

**APPLICATIONS:** photovoltaic systems.



**90 PV**



Scan the QR Code and find out all the technical informations.

**READY TO CONNECT RIGHT AWAY**

**ALREADY TESTED AND CERTIFIED**

**COMPLETENESS OF RANGE**



To allow for easy, fast and secure connection, the string boards include cable glands and equipotential terminal blocks. The cable glands are supplied loose, to allow entry of the cables according to your needs (from the top, the bottom or the sides).



The string distribution boards are tested in GEWISS laboratories, passing and exceeding all tests required by EN 61439-1 and EN 61439-2 for the issue of product certification.



The GEWISS AC protection offer meets all system needs, from residential to tertiary/industrial, with a wide range of products, including modular devices, moulded case circuit breakers, modular accessories and distribution boards



BUILDING

## CHORUSMART

Innovative domestic range characterized by a wide choice of materials, shapes and finishes, able to satisfy any need. Five styles of plates (ONE, GEO, EGO, LUX, ICE / ICE Touch) made in different colors and materials, with devices modular in four color variants with two glossy finishes (white and painted titanium) and three satin finishes (white, natural beige and black) and four different sizes (1/2 module, 1, 2, 3 modules). Available for built-in installations and wall-mounted and can be integrated with the home automation functions of the KNX wired system and the ZigBee wireless system.



## SYSTEM

A range of modular devices ideal for built-in solutions (for rectangular or square boxes), from wall and for special applications. The domestic series stands out for its glossy white or black devices satin finish and the plates in 14 colors and in two different shapes, modern or classic, with a glossy finish. The line includes controls, sockets, protections, indicators, connectors and devices for control, safety and home comfort.



## 27 COMBI

A complete and versatile system of modular containers, which can be perfectly integrated into the civil series SYSTEM, which is able to meet the high protection installation needs of the residential sectors, tertiary and industrial sectors. The 27 COMBI series is available both in the IP40 version and in the watertight versions with IP55 and IP65 degree of protection, recommended for all outdoor applications subject to conditions severe atmospheric conditions.



## DAHLIA

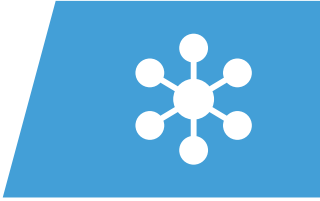
A wide choice of plates, realized in technopolymer in seven colors with glossy finish: white, ivory, hemp, cream, light grey, dark grey, anthracite grey. Plates available in different modularities, from 1 to 5 gang, installable indifferently in horizontal or in vertical position.



## DATA AND ENERGY DISTRIBUTION

The speed and reliability of the networks play an ever more important role in the communication sector. For this reason, GEWISS has created the Data Center range: a complete, integrated range of products for LAN structured network cabling. A solution that stands out for the extreme flexibility it offers in terms of office workstation configuration, as well as the simplicity and speed of wiring and the superior reliability of the connections. GEWISS also offers an extensive range of power take-offs, with plugs, socket-outlets, adapters and multiple mobile sockets.





# CHORUSMART



## Domestic range

PLATES

*pag. 176*



## Domestic range

INSTALLATION ACCESSORIES

*pag. 212*



## Domestic range

MODULAR DEVICES

*pag. 216*

# ChoruSmart

## ONE International plates

Informal in appearance and classic in geometry, ONE is the ChoruSmart system's range of plates dedicated to those who want to furnish their homes with simple touches. ONE's understated and discreet design enhances any space, bringing harmony and aesthetic consistency to every room. Available in a wide range of colours, ONE comes in every shade you need to give free rein to your imagination



## ONE INTERNATIONAL PLATES

### TECHNOPOLYMER



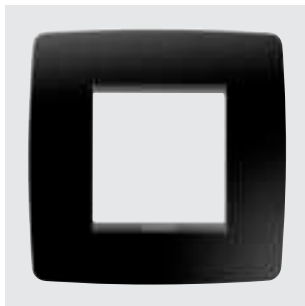
GW 16 122 TB

#### ONE INTERNATIONAL - WHITE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122TB | 2 modules       | -          | 12            |
| GW16123TB | 2+2 modules     | Horizontal | 12            |
| GW16124TB | 2+2 modules     | Vertical   | 12            |
| GW16126TB | 2+2+2 modules   | Horizontal | 6             |
| GW16127TB | 2+2+2 modules   | Vertical   | 6             |
| GW16128TB | 2+2+2+2 modules | Horizontal | 1             |
| GW16129TB | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



GW 16 122 TN

#### ONE INTERNATIONAL - TONER BLACK

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122TN | 2 modules       | -          | 12            |
| GW16123TN | 2+2 modules     | Horizontal | 12            |
| GW16124TN | 2+2 modules     | Vertical   | 12            |
| GW16126TN | 2+2+2 modules   | Horizontal | 6             |
| GW16127TN | 2+2+2 modules   | Vertical   | 6             |
| GW16128TN | 2+2+2+2 modules | Horizontal | 1             |
| GW16129TN | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



GW 16 122 TI

#### ONE INTERNATIONAL - IVORY

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122TI | 2 modules       | -          | 12            |
| GW16123TI | 2+2 modules     | Horizontal | 12            |
| GW16124TI | 2+2 modules     | Vertical   | 12            |
| GW16126TI | 2+2+2 modules   | Horizontal | 6             |
| GW16127TI | 2+2+2 modules   | Vertical   | 6             |
| GW16128TI | 2+2+2+2 modules | Horizontal | 1             |
| GW16129TI | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



GW 16 122 TC

#### ONE INTERNATIONAL - HEMP

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122TC | 2 modules       | -          | 12            |
| GW16123TC | 2+2 modules     | Horizontal | 12            |
| GW16124TC | 2+2 modules     | Vertical   | 12            |
| GW16126TC | 2+2+2 modules   | Horizontal | 6             |
| GW16127TC | 2+2+2 modules   | Vertical   | 6             |
| GW16128TC | 2+2+2+2 modules | Horizontal | 1             |
| GW16129TC | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



## PAINTED TECHNOPOLYMER



GW 16 122 VW

### ONE INTERNATIONAL - SATIN WHITE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VW | 2 modules       | -          | 12            |
| GW16123VW | 2+2 modules     | Horizontal | 12            |
| GW16124VW | 2+2 modules     | Vertical   | 12            |
| GW16126VW | 2+2+2 modules   | Horizontal | 6             |
| GW16127VW | 2+2+2 modules   | Vertical   | 6             |
| GW16128VW | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VW | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.  
NOTES: centre distance 71 mm.



GW 16 122 VL

### ONE INTERNATIONAL - NATURAL BEIGE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VL | 2 modules       | -          | 12            |
| GW16123VL | 2+2 modules     | Horizontal | 12            |
| GW16124VL | 2+2 modules     | Vertical   | 12            |
| GW16126VL | 2+2+2 modules   | Horizontal | 6             |
| GW16127VL | 2+2+2 modules   | Vertical   | 6             |
| GW16128VL | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VL | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.  
NOTES: centre distance 71 mm.



GW 16 122 VN

### ONE INTERNATIONAL - SATIN BLACK

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VN | 2 modules       | -          | 12            |
| GW16123VN | 2+2 modules     | Horizontal | 12            |
| GW16124VN | 2+2 modules     | Vertical   | 12            |
| GW16126VN | 2+2+2 modules   | Horizontal | 6             |
| GW16127VN | 2+2+2 modules   | Vertical   | 6             |
| GW16128VN | 2+2+2+2 modules | Horizontal | 12            |
| GW16129VN | 2+2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish.  
NOTE: centre distance 71 mm.



GW 16 122 VT

### ONE INTERNATIONAL - TITANIUM

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VT | 2 modules       | -          | 12            |
| GW16123VT | 2+2 modules     | Horizontal | 12            |
| GW16124VT | 2+2 modules     | Vertical   | 12            |
| GW16126VT | 2+2+2 modules   | Horizontal | 6             |
| GW16127VT | 2+2+2 modules   | Vertical   | 6             |
| GW16128VT | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VT | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish, metallic effect.  
NOTES: centre distance 71 mm.



GW 16 122 VD

## ONE INTERNATIONAL - TUSCAN RED

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VD | 2 modules       | -          | 12            |
| GW16123VD | 2+2 modules     | Horizontal | 12            |
| GW16124VD | 2+2 modules     | Vertical   | 12            |
| GW16126VD | 2+2+2 modules   | Horizontal | 6             |
| GW16127VD | 2+2+2 modules   | Vertical   | 6             |
| GW16128VD | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VD | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.

NOTES: centre distance 71 mm.



GW 16 122 VZ

## ONE INTERNATIONAL - TEAL

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VZ | 2 modules       | -          | 12            |
| GW16123VZ | 2+2 modules     | Horizontal | 12            |
| GW16124VZ | 2+2 modules     | Vertical   | 12            |
| GW16126VZ | 2+2+2 modules   | Horizontal | 6             |
| GW16127VZ | 2+2+2 modules   | Vertical   | 6             |
| GW16128VZ | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VZ | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.

NOTES: centre distance 71 mm.



GW 16 122 VX

## ONE INTERNATIONAL - SOFT COPPER

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VX | 2 modules       | -          | 12            |
| GW16123VX | 2+2 modules     | Horizontal | 12            |
| GW16124VX | 2+2 modules     | Vertical   | 12            |
| GW16126VX | 2+2+2 modules   | Horizontal | 6             |
| GW16127VX | 2+2+2 modules   | Vertical   | 6             |
| GW16128VX | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VX | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



GW 16 122 VO

## ONE INTERNATIONAL - GOLD

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16122VO | 2 modules       | -          | 12            |
| GW16123VO | 2+2 modules     | Horizontal | 12            |
| GW16124VO | 2+2 modules     | Vertical   | 12            |
| GW16126VO | 2+2+2 modules   | Horizontal | 6             |
| GW16127VO | 2+2+2 modules   | Vertical   | 6             |
| GW16128VO | 2+2+2+2 modules | Horizontal | 1             |
| GW16129VO | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## REFINED DESIGN



Minimal in shape, classic in style: ONE plates enhance any room, bringing harmony and beauty to every corner of the house.

## FINISHES



The ONE plate, with its minimal appearance, is available in various colours and in 2 finishes: glossy and satin, for every need.

## HIGHLY CUSTOMISABLE



The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

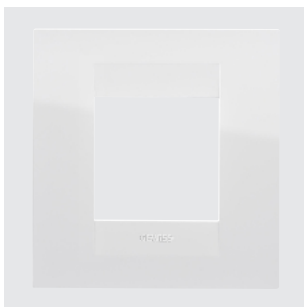
## GEO International plates

The GEO plate with clean, regular lines fits perfectly into any environment with its simplicity and style. The materials and colours contribute to creating the right harmony that stands the test of time. Made from technopolymer, GEO resists the impact and stresses of everyday use. The different colours and the simple and light shapes make GEO a young and informal furnishing element that conveys a minimalist style in any space.



## GEO INTERNATIONAL PLATES

### TECHNOPOLYMER



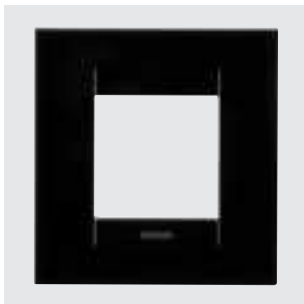
GW 16 422 TB

#### GEO INTERNATIONAL - WHITE

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422TB | 2 modules     | -          | 12            |
| GW16423TB | 2+2 modules   | Horizontal | 12            |
| GW16424TB | 2+2 modules   | Vertical   | 12            |
| GW16426TB | 2+2+2 modules | Horizontal | 6             |
| GW16427TB | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



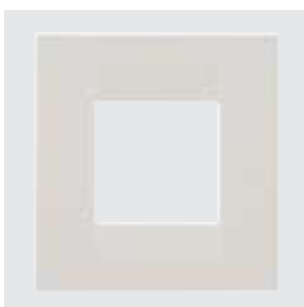
GW 16 422 TN

#### GEO INTERNATIONAL - TONER BLACK

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422TN | 2 modules     | -          | 12            |
| GW16423TN | 2+2 modules   | Horizontal | 12            |
| GW16424TN | 2+2 modules   | Vertical   | 12            |
| GW16426TN | 2+2+2 modules | Horizontal | 6             |
| GW16427TN | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



GW 16 422 TI

#### GEO INTERNATIONAL - IVORY

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422TI | 2 modules     | -          | 12            |
| GW16423TI | 2+2 modules   | Horizontal | 12            |
| GW16424TI | 2+2 modules   | Vertical   | 12            |
| GW16426TI | 2+2+2 modules | Horizontal | 6             |
| GW16427TI | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.



GW 16 422 TC

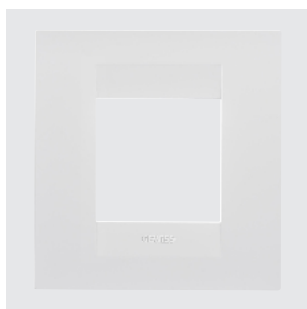
#### GEO INTERNATIONAL - HEMP

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422TC | 2 modules     | -          | 12            |
| GW16423TC | 2+2 modules   | Horizontal | 12            |
| GW16424TC | 2+2 modules   | Vertical   | 12            |
| GW16426TC | 2+2+2 modules | Horizontal | 6             |
| GW16427TC | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: glossy finish.

NOTE: centre distance 71 mm.

## PAINTED TECHNOPOLYMER



GW 16 422 VW

### GEO INTERNATIONAL - SATIN WHITE

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VW | 2 modules     | -          | 12            |
| GW16423VW | 2+2 modules   | Horizontal | 12            |
| GW16424VW | 2+2 modules   | Vertical   | 12            |
| GW16426VW | 2+2+2 modules | Horizontal | 6             |
| GW16427VW | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish.

NOTES: centre distance 71 mm.



GW 16 422 VL

### GEO INTERNATIONAL - NATURAL BEIGE

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VL | 2 modules     | -          | 12            |
| GW16423VL | 2+2 modules   | Horizontal | 12            |
| GW16424VL | 2+2 modules   | Vertical   | 12            |
| GW16426VL | 2+2+2 modules | Horizontal | 6             |
| GW16427VL | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish.

NOTES: centre distance 71 mm.



GW 16 422 VN

### GEO INTERNATIONAL - SATIN BLACK

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VN | 2 modules     | -          | 12            |
| GW16423VN | 2+2 modules   | Horizontal | 12            |
| GW16424VN | 2+2 modules   | Vertical   | 12            |
| GW16426VN | 2+2+2 modules | Horizontal | 6             |
| GW16427VN | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish.

NOTE: centre distance 71 mm.



GW 16 422 VT

### GEO INTERNATIONAL - TITANIUM

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VT | 2 modules     | -          | 12            |
| GW16423VT | 2+2 modules   | Horizontal | 12            |
| GW16424VT | 2+2 modules   | Vertical   | 12            |
| GW16426VT | 2+2+2 modules | Horizontal | 6             |
| GW16427VT | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: glossy finish, metallic effect.

NOTES: centre distance 71 mm.



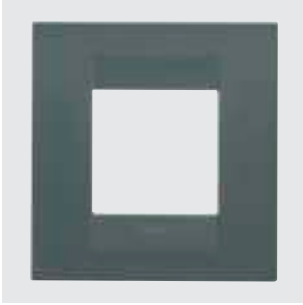
GW 16 122 VD

## GEO INTERNATIONAL - TUSCAN RED

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VD | 2 modules     | -          | 12            |
| GW16423VD | 2+2 modules   | Horizontal | 12            |
| GW16424VD | 2+2 modules   | Vertical   | 12            |
| GW16426VD | 2+2+2 modules | Horizontal | 6             |
| GW16427VD | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish.

NOTES: centre distance 71 mm.



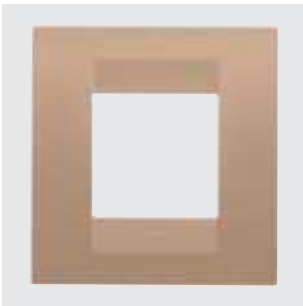
GW 16 422 VZ

## GEO INTERNATIONAL - TEAL

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VZ | 2 modules     | -          | 12            |
| GW16423VZ | 2+2 modules   | Horizontal | 12            |
| GW16424VZ | 2+2 modules   | Vertical   | 12            |
| GW16426VZ | 2+2+2 modules | Horizontal | 6             |
| GW16427VZ | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish.

NOTES: centre distance 71 mm.



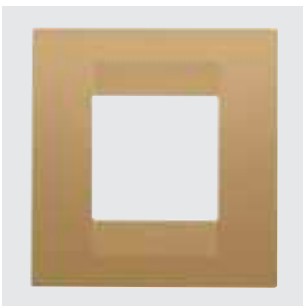
GW 16 422 VX

## GEO INTERNATIONAL - SOFT COPPER

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VX | 2 modules     | -          | 12            |
| GW16423VX | 2+2 modules   | Horizontal | 12            |
| GW16424VX | 2+2 modules   | Vertical   | 12            |
| GW16426VX | 2+2+2 modules | Horizontal | 6             |
| GW16427VX | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



GW 16 422 VO

## GEO INTERNATIONAL - GOLD

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16422VO | 2 modules     | -          | 12            |
| GW16423VO | 2+2 modules   | Horizontal | 12            |
| GW16424VO | 2+2 modules   | Vertical   | 12            |
| GW16426VO | 2+2+2 modules | Horizontal | 6             |
| GW16427VO | 2+2+2 modules | Vertical   | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## MINIMAL DESIGN



The colours, and simple, light shapes make GEO a youthful and informal furnishing item that expresses a minimalist style wherever it is placed.

## FINISHES



The GEO plate, simple and youthful, is available in various colours and in 2 finishes: glossy and satin, for every need.

## HIGHLY CUSTOMISABLE

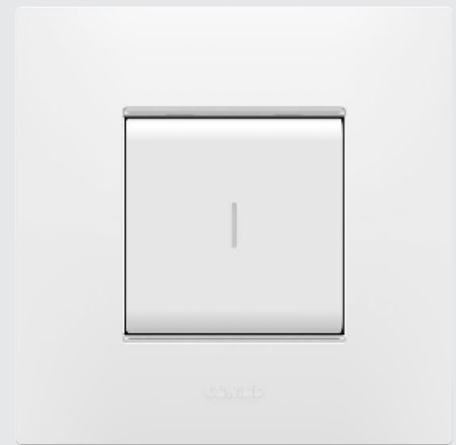


The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

## EGO INTERNATIONAL plates

With their clean, compact lines, EGO plates make the right impression. Modern shapes with slightly curved surfaces that taper towards the edges convey balance and simplicity. The opalescent profiles inside the plate, in aesthetic continuity with the EGO SMART versions, add a subtle element of unique identity. Every detail is designed to ensure appeal and personality.



## EGO INTERNATIONAL PLATES

### PAINTED TECHNOPOLYMER



GW 16 022 PW

#### EGO INTERNATIONAL - SATIN WHITE

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022PW | 2 modules     | -          | 12            |
| GW16023PW | 2+2 modules   | Horizontal | 12            |
| GW16024PW | 2+2 modules   | Vertical   | 12            |
| GW16026PW | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish.

NOTE: centre distance 71 mm.



GW 16 022 CY

#### EGO INTERNATIONAL - CLAY

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022CY | 2 modules     | -          | 12            |
| GW16023CY | 2+2 modules   | Horizontal | 12            |
| GW16024CY | 2+2 modules   | Vertical   | 12            |
| GW16026CY | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish.

NOTE: centre distance 71 mm.



GW 16 022 NB

#### EGO INTERNATIONAL - NATURAL BEIGE

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022NB | 2 modules     | -          | 12            |
| GW16023NB | 2+2 modules   | Horizontal | 12            |
| GW16024NB | 2+2 modules   | Vertical   | 12            |
| GW16026NB | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish.

NOTE: centre distance 71 mm.



GW 16 022 DS

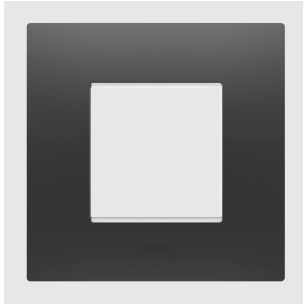
#### EGO INTERNATIONAL - DARK SAND

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022DS | 2 modules     | -          | 12            |
| GW16023DS | 2+2 modules   | Horizontal | 12            |
| GW16024DS | 2+2 modules   | Vertical   | 12            |
| GW16026DS | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish.

NOTE: centre distance 71 mm.





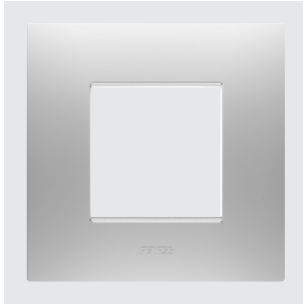
GW 16 022 DB

### EGO INTERNATIONAL - SATIN BLACK

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022DB | 2 modules     | -          | 12            |
| GW16023DB | 2+2 modules   | Horizontal | 12            |
| GW16024DB | 2+2 modules   | Vertical   | 12            |
| GW16026DB | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish.

NOTE: centre distance 71 mm.



GW 16 022 GR

### EGO INTERNATIONAL - MAGNETIC GRAY

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022GR | 2 modules     | -          | 12            |
| GW16023GR | 2+2 modules   | Horizontal | 12            |
| GW16024GR | 2+2 modules   | Vertical   | 12            |
| GW16026GR | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



GW 16 022 BR

### EGO INTERNATIONAL - LIGHT BRONZE

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022BR | 2 modules     | -          | 12            |
| GW16023BR | 2+2 modules   | Horizontal | 12            |
| GW16024BR | 2+2 modules   | Vertical   | 12            |
| GW16026BR | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



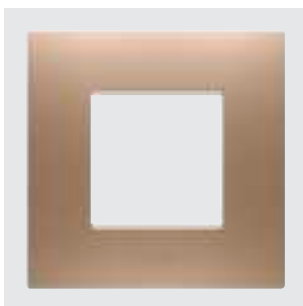
GW 16 022 ST

### EGO INTERNATIONAL - STEEL

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022ST | 2 modules     | -          | 12            |
| GW16023ST | 2+2 modules   | Horizontal | 12            |
| GW16024ST | 2+2 modules   | Vertical   | 12            |
| GW16026ST | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



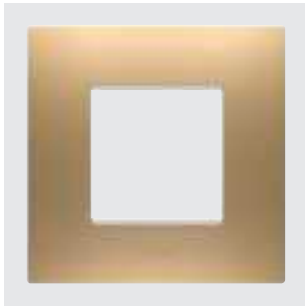
GW 16 022 CS

### EGO INTERNATIONAL - SOFT COPPER

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022CS | 2 modules     | -          | 12            |
| GW16023CS | 2+2 modules   | Horizontal | 12            |
| GW16024CS | 2+2 modules   | Vertical   | 12            |
| GW16026CS | 2+2+2 modules | Horizontal | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: centre distance 71 mm.



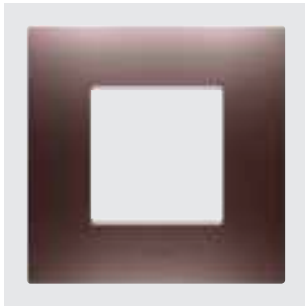
GW 16 022 SG

## EGO INTERNATIONAL - GOLD

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022SG | 2 modules     | -          | 12            |
| GW16023SG | 2+2 modules   | Horizontal | 12            |
| GW16024SG | 2+2 modules   | Vertical   | 12            |
| GW16026SG | 2+2+2 modules | Horizontal | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** centre distance 71 mm.



GW 16 022 CP

## EGO INTERNATIONAL - COPPER

| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022CP | 2 modules     | -          | 12            |
| GW16023CP | 2+2 modules   | Horizontal | 12            |
| GW16024CP | 2+2 modules   | Vertical   | 12            |
| GW16026CP | 2+2+2 modules | Horizontal | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** centre distance 71 mm.



GW 16 022 BS

## EGO INTERNATIONAL - BROWN SHADE

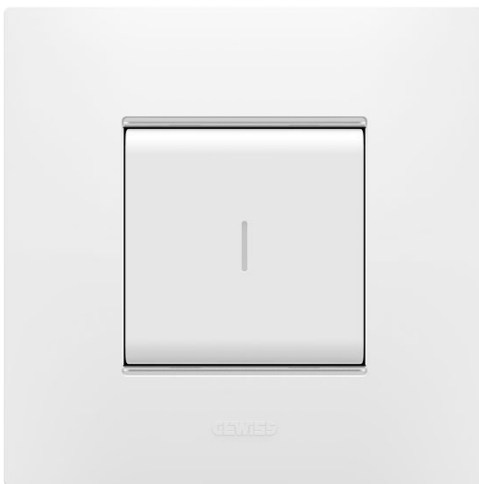
| Code      | Description   | Type       | Pack / Carton |
|-----------|---------------|------------|---------------|
| GW16022BS | 2 modules     | -          | 12            |
| GW16023BS | 2+2 modules   | Horizontal | 12            |
| GW16024BS | 2+2 modules   | Vertical   | 12            |
| GW16026BS | 2+2+2 modules | Horizontal | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** centre distance 71 mm.



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## ATTENTION TO DETAIL



Three thematic lines of plates to match perfectly with ChoruSmart devices. A total of 12 colours, all with satin finishes.

## INNOVATION



EGO was designed as a modern plate and has evolved in the EGO SMART version, an innovative concept of SMART HOME.

## HIGHLY CUSTOMISABLE



The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

## LUX International plates

LUX plates, with their modern, refined lines, marry the high-tech spirit of modernity with the refined and elegant taste of tradition. Glass and metal versions are added to the classic technopolymer plates. With monochrome variants of the LUX plates, uniformity of colour becomes the distinctive character of each ChoruSmart lighting device.



## LUX INTERNATIONAL PLATES

### TECHNOPOLYMER



GW 16 222 TB

#### LUX INTERNATIONAL - WHITE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222TB | 2 modules       | -          | 12            |
| GW16223TB | 2+2 modules     | Horizontal | 6             |
| GW16224TB | 2+2 modules     | Vertical   | 6             |
| GW16226TB | 2+2+2 modules   | Horizontal | 1             |
| GW16227TB | 2+2+2 modules   | Vertical   | 1             |
| GW16228TB | 2+2+2+2 modules | Horizontal | 1             |
| GW16229TB | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTES: Inner frame chromed. Centre distance 71 mm.



GW 16 222 YB

#### LUX INTERNATIONAL - MONOCHROME WHITE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222YB | 2 modules       | -          | 12            |
| GW16223YB | 2+2 modules     | Horizontal | 6             |
| GW16224YB | 2+2 modules     | Vertical   | 6             |
| GW16226YB | 2+2+2 modules   | Horizontal | 1             |
| GW16227YB | 2+2+2 modules   | Vertical   | 1             |
| GW16228YB | 2+2+2+2 modules | Horizontal | 1             |
| GW16229YB | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTES: Inner frame in the same white colour as the plate. Glossy finish. Centre distance 71 mm.



GW 16 222 TN

#### LUX INTERNATIONAL - TONER BLACK

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222TN | 2 modules       | -          | 12            |
| GW16223TN | 2+2 modules     | Horizontal | 6             |
| GW16224TN | 2+2 modules     | Vertical   | 6             |
| GW16226TN | 2+2+2 modules   | Horizontal | 1             |
| GW16227TN | 2+2+2 modules   | Vertical   | 1             |
| GW16228TN | 2+2+2+2 modules | Horizontal | 1             |
| GW16229TN | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish.

NOTES: Inner frame chromed. Centre distance 71 mm.



GW 16 222 YN

#### LUX INTERNATIONAL - TONER BLACK LAVY

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222YN | 2 modules       | -          | 12            |
| GW16226YN | 2+2+2 modules   | Horizontal | 1             |
| GW16228YN | 2+2+2+2 modules | Horizontal | 1             |

CHARACTERISTICS: glossy finish.

NOTES: Inner frame in the same black colour as the plate, matt finish. Centre distance 71 mm.

## PAINTED TECHNOPOLYMER



GW 16 222 VT

### LUX INTERNATIONAL - TITANIUM

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222VT | 2 modules       | -          | 12            |
| GW16223VT | 2+2 modules     | Horizontal | 6             |
| GW16224VT | 2+2 modules     | Vertical   | 6             |
| GW16226VT | 2+2+2 modules   | Horizontal | 1             |
| GW16227VT | 2+2+2 modules   | Vertical   | 1             |
| GW16228VT | 2+2+2+2 modules | Horizontal | 1             |
| GW16229VT | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish, metallic effect.

NOTES: inner frame chromed. Centre distance 71 mm.



GW 16 222 YT

### LUX INTERNATIONAL - MONOCHROME TITANIUM

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222YT | 2 modules       | -          | 12            |
| GW16223YT | 2+2 modules     | Horizontal | 6             |
| GW16224YT | 2+2 modules     | Vertical   | 6             |
| GW16226YT | 2+2+2 modules   | Horizontal | 1             |
| GW16227YT | 2+2+2 modules   | Vertical   | 1             |
| GW16228YT | 2+2+2+2 modules | Horizontal | 1             |
| GW16229YT | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish, metallic effect.

NOTES: inner frame in the same titanium colour as the plate, glossy finish. Centre distance 71 mm.



GW 16 222 VA

### LUX INTERNATIONAL - SLATE

| Code      | Description     | Type       | Centre distance | Pack / Carton |
|-----------|-----------------|------------|-----------------|---------------|
| GW16222VA | 2 modules       | -          | -               | 12            |
| GW16223VA | 2+2 modules     | Horizontal | 71 mm           | 6             |
| GW16224VA | 2+2 modules     | Vertical   | 71 mm           | 6             |
| GW16226VA | 2+2+2 modules   | Horizontal | 71 mm           | 1             |
| GW16227VA | 2+2+2 modules   | Vertical   | 71 mm           | 1             |
| GW16228VA | 2+2+2+2 modules | Horizontal | 71 mm           | 1             |
| GW16229VA | 2+2+2+2 modules | Vertical   | 71 mm           | 1             |

CHARACTERISTICS: glossy finish, metallic effect.

NOTES: inner frame chromed. Centre distance 71 mm.



GW 16 222 YA

### LUX INTERNATIONAL - ABSOLUTE SLATE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222YA | 2 modules       | -          | 12            |
| GW16223YA | 2+2 modules     | Horizontal | 6             |
| GW16224YA | 2+2 modules     | Vertical   | 6             |
| GW16226YA | 2+2+2 modules   | Horizontal | 1             |
| GW16227YA | 2+2+2 modules   | Vertical   | 1             |
| GW16228YA | 2+2+2+2 modules | Horizontal | 1             |
| GW16229YA | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: glossy finish, metallic effect.

NOTES: inner frame in the same slate colour as the plate, glossy finish. Centre distance 71 mm.

## METAL



GW 16 222 XW

### LUX INTERNATIONAL - MONOCHROME SATIN WHITE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222XW | 2 modules       | -          | 1             |
| GW16223XW | 2+2 modules     | Horizontal | 1             |
| GW16224XW | 2+2 modules     | Vertical   | 1             |
| GW16226XW | 2+2+2 modules   | Horizontal | 1             |
| GW16227XW | 2+2+2 modules   | Vertical   | 1             |
| GW16228XW | 2+2+2+2 modules | Horizontal | 1             |
| GW16229XW | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.

NOTES: inner frame in same white colour as the plate, matt finish. Centre distance 71 mm.



GW 16 222 XL

### LUX INTERNATIONAL - MONOCHROME NATURAL BEIGE

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222XL | 2 modules       | -          | 1             |
| GW16223XL | 2+2 modules     | Horizontal | 1             |
| GW16224XL | 2+2 modules     | Vertical   | 1             |
| GW16226XL | 2+2+2 modules   | Horizontal | 1             |
| GW16227XL | 2+2+2 modules   | Vertical   | 1             |
| GW16228XL | 2+2+2+2 modules | Horizontal | 1             |
| GW16229XL | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.

NOTES: inner frame in same natural beige colour as the plate, matt finish. Centre distance 71 mm.



GW 16 222 XM

### LUX INTERNATIONAL - MONOCHROME SATIN BLACK

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222XM | 2 modules       | -          | 1             |
| GW16223XM | 2+2 modules     | Horizontal | 1             |
| GW16224XM | 2+2 modules     | Vertical   | 1             |
| GW16226XM | 2+2+2 modules   | Horizontal | 1             |
| GW16227XM | 2+2+2 modules   | Vertical   | 1             |
| GW16228XM | 2+2+2+2 modules | Horizontal | 1             |
| GW16229XM | 2+2+2+2 modules | Vertical   | 1             |

CHARACTERISTICS: matt finish.

NOTES: inner frame in same black colour as the plate, matt finish. Centre distance 71 mm.



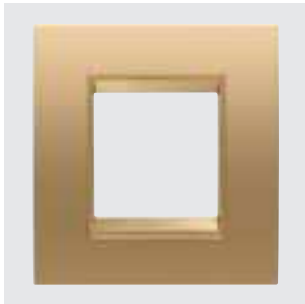
GW 16 222 WS

### LUX INTERNATIONAL - BRUSHED ALUMINIUM LAVY

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222WS | 2 modules       | -          | 1             |
| GW16223WS | 2+2 modules     | Horizontal | 1             |
| GW16224WS | 2+2 modules     | Vertical   | 1             |
| GW16226WS | 2+2+2 modules   | Horizontal | 1             |
| GW16227WS | 2+2+2 modules   | Vertical   | 1             |
| GW16228WS | 2+2+2+2 modules | Horizontal | 1             |
| GW16229WS | 2+2+2+2 modules | Vertical   | 1             |

**CHARACTERISTICS:** matt finish.

**NOTES:** inner frame in black colour, matt finish. Centre distance 71 mm.



GW 16 222 XG

### LUX INTERNATIONAL - GOLD

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222XG | 2 modules       | -          | 1             |
| GW16223XG | 2+2 modules     | Horizontal | 1             |
| GW16224XG | 2+2 modules     | Vertical   | 1             |
| GW16226XG | 2+2+2 modules   | Horizontal | 1             |
| GW16227XG | 2+2+2 modules   | Vertical   | 1             |
| GW16228XG | 2+2+2+2 modules | Horizontal | 1             |
| GW16229XG | 2+2+2+2 modules | Vertical   | 1             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** inner frame in the same gold colour as the plate, matt finish. Centre distance 71 mm.



GW 16 222 XQ

## LUX INTERNATIONAL - ANTIQUE BRASS

| Code      | Description     | Type       | Pack / Carton |
|-----------|-----------------|------------|---------------|
| GW16222XQ | 2 modules       | -          | 1             |
| GW16223XQ | 2+2 modules     | Horizontal | 1             |
| GW16224XQ | 2+2 modules     | Vertical   | 1             |
| GW16226XQ | 2+2+2 modules   | Horizontal | 1             |
| GW16227XQ | 2+2+2 modules   | Vertical   | 1             |
| GW16228XQ | 2+2+2+2 modules | Horizontal | 1             |
| GW16229XQ | 2+2+2+2 modules | Vertical   | 1             |

**CHARACTERISTICS:** matt finish.

**NOTES:** inner frame in dark bronze colour, matt finish. Centre distance 71 mm.






# ChoruSmart



Scan the QR Code and find out all the technical informations.

### CONTEMPORARY STYLE



The LUX plate, with its modern shapes, is the perfect blend of modernity and the elegant aesthetics of tradition.

### MATERIALS



Modern and elegantly designed, LUX plates meet all your needs with their wide variety of materials, from technopolymer to metal and glass.

### HIGHLY CUSTOMISABLE



The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

## ONE plates

An informal appearance and classic shapes: the ONE line of plates in the ChoruSmart system is dedicated to all those who desire a home interior finished with a minimal simplicity. ONE's restrained and discreet design enhances any environment, bringing harmony and aesthetic coherence to all rooms. Available in a wide variety of colour tones, ONE can be fitted in any shade to leave room for the imagination.



## ONE ITALIAN STANDARD PLATES

### TECHNOPOLYMER



GW 16 103 TB

#### ONE - WHITE

| Code      | Description | Configuration | For support codes          | Pack / Carton |
|-----------|-------------|---------------|----------------------------|---------------|
| GW16101TB | 1 module    | -             | GW16802, GW16803, GW16803N | 96            |
| GW16102TB | 2 modules   | -             | GW16802, GW16803, GW16803N | 96            |
| GW16103TB | 3 modules   | -             | GW16803, GW16803N          | 96            |
| GW16104TB | 4 modules   | -             | GW16804, GW16804N          | 12            |
| GW16106TB | 6 modules   | -             | GW16806                    | 12            |
| GW16109TB | 6 modules   | Large         | GW16806                    | 6             |
| GW16108TB | 4+4 modules | Overlapping   | GW16808                    | 6             |
| GW16112TB | 6+6 modules | Overlapping   | GW16812                    | 6             |

CHARACTERISTICS: glossy finish. GW16109TB total width 202 mm.



GW 16 103 TN

#### ONE - TONER BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101TN | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102TN | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103TN | 3 modules   | GW16803, GW16803N          | 24            |
| GW16104TN | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106TN | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.



GW 16 103 TI

#### ONE - IVORY

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101TI | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102TI | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103TI | 3 modules   | GW16803, GW16803N          | 24            |
| GW16104TI | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106TI | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.



GW 16 103 TC

#### ONE - HEMP

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101TC | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102TC | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103TC | 3 modules   | GW16803, GW16803N          | 24            |
| GW16104TC | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106TC | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

## PAINTED TECHNOPOLYMER



GW 16 103 VW

### ONE - SATIN WHITE

| Code      | Description | Configuration | For support codes          | Pack / Carton |
|-----------|-------------|---------------|----------------------------|---------------|
| GW16101VW | 1 module    | -             | GW16802, GW16803, GW16803N | 96            |
| GW16102VW | 2 modules   | -             | GW16802, GW16803, GW16803N | 96            |
| GW16103VW | 3 modules   | -             | GW16803, GW16803N          | 96            |
| GW16104VW | 4 modules   | -             | GW16804, GW16804N          | 12            |
| GW16106VW | 6 modules   | -             | GW16806                    | 12            |
| GW16108VW | 4+4 modules | Overlapping   | GW16808                    | 6             |
| GW16112VW | 6+6 modules | Overlapping   | GW16812                    | 6             |

CHARACTERISTICS: matt finish.



GW 16 103 VL

### ONE - NATURAL BEIGE

| Code      | Description | Configuration | For support codes          | Pack / Carton |
|-----------|-------------|---------------|----------------------------|---------------|
| GW16101VL | 1 module    | -             | GW16802, GW16803, GW16803N | 12            |
| GW16102VL | 2 modules   | -             | GW16802, GW16803, GW16803N | 12            |
| GW16103VL | 3 modules   | -             | GW16803, GW16803N          | 24            |
| GW16104VL | 4 modules   | -             | GW16804, GW16804N          | 12            |
| GW16106VL | 6 modules   | -             | GW16806                    | 6             |
| GW16108VL | 4+4 modules | Overlapping   | GW16808                    | 6             |
| GW16112VL | 6+6 modules | Overlapping   | GW16812                    | 6             |

CHARACTERISTICS: matt finish.



GW 16 103 VN

### ONE - SATIN BLACK

| Code      | Description | Configuration | For support codes          | Pack / Carton |
|-----------|-------------|---------------|----------------------------|---------------|
| GW16101VN | 1 module    | -             | GW16802, GW16803, GW16803N | 12            |
| GW16102VN | 2 modules   | -             | GW16802, GW16803, GW16803N | 12            |
| GW16103VN | 3 modules   | -             | GW16803, GW16803N          | 24            |
| GW16104VN | 4 modules   | -             | GW16804, GW16804N          | 12            |
| GW16106VN | 6 modules   | -             | GW16806                    | 6             |
| GW16108VN | 4+4 modules | Overlapping   | GW16808                    | 6             |
| GW16112VN | 6+6 modules | Overlapping   | GW16812                    | 6             |

CHARACTERISTICS: matt finish.



GW 16 103 VT

### ONE - TITANIUM

| Code      | Description | Configuration | For support codes          | Pack / Carton |
|-----------|-------------|---------------|----------------------------|---------------|
| GW16101VT | 1 module    | -             | GW16802, GW16803, GW16803N | 12            |
| GW16102VT | 2 modules   | -             | GW16802, GW16803, GW16803N | 12            |
| GW16103VT | 3 modules   | -             | GW16803, GW16803N          | 24            |
| GW16104VT | 4 modules   | -             | GW16804, GW16804N          | 12            |
| GW16106VT | 6 modules   | -             | GW16806                    | 6             |
| GW16108VT | 4+4 modules | Overlapping   | GW16808                    | 6             |
| GW16112VT | 6+6 modules | Overlapping   | GW16812                    | 6             |

CHARACTERISTICS: glossy finish, metallic effect.



GW 16 103 VD

### ONE - TUSCAN RED

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101VD | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102VD | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103VD | 3 modules   | GW16803, GW16803N          | 24            |
| GW16104VD | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106VD | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.



GW 16 103 VZ

## ONE - TEAL

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101VZ | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102VZ | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103VZ | 3 modules   | GW16803, GW16803N          | 24            |
| GW16104VZ | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106VZ | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.



GW 16 103 VX

## ONE - SOFT COPPER

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101VX | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102VX | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103VX | 3 modules   | GW16803, GW16803N          | 12            |
| GW16104VX | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106VX | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish, metallic effect.



GW 16 103 VO

## ONE - GOLD

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16101VO | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16102VO | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16103VO | 3 modules   | GW16803, GW16803N          | 12            |
| GW16104VO | 4 modules   | GW16804, GW16804N          | 12            |
| GW16106VO | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish, metallic effect.



# ChoruSmart



Scan the QR Code and find out all the technical informations.

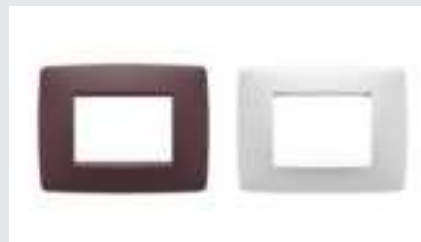
## REFINED DESIGN

## FINISHES

## HIGHLY CUSTOMISABLE



Minimal in shape, classic in style: ONE plates enhance any room, bringing harmony and beauty to every corner of the house.



The ONE plate, with its minimal appearance, is available in various colours and in 2 finishes: glossy and satin, for every need.



The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

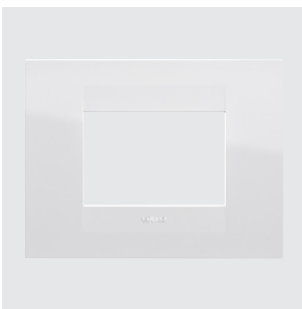
## GEO plates

The GEO plate with clean, regular lines fits perfectly into any environment with its simplicity and style. The materials and colours contribute to creating the right harmony that stands the test of time. Made from technopolymer, GEO resists the impact and stresses of everyday use. The different colours and the simple and light shapes make GEO a young and informal furnishing element that conveys a minimalist style in any space.



## GEO ITALIAN STANDARD PLATES

### TECHNOPOLYMER

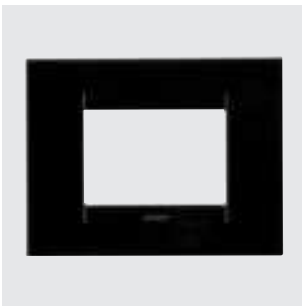


GW 16 403 TB

#### GEO - WHITE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401TB | 1 module    | GW16802, GW16803, GW16803N | 96            |
| GW16402TB | 2 modules   | GW16802, GW16803, GW16803N | 96            |
| GW16403TB | 3 modules   | GW16803, GW16803N          | 96            |
| GW16404TB | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406TB | 6 modules   | GW16806                    | 12            |

CHARACTERISTICS: glossy finish.



GW 16 403 TN

#### GEO - TONER BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401TN | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402TN | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403TN | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404TN | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406TN | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

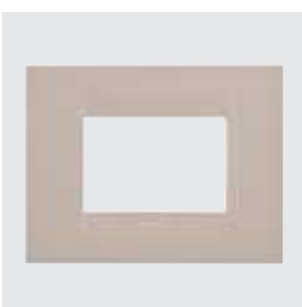


GW 16 403 TI

#### GEO - IVORY

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401TI | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402TI | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403TI | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404TI | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406TI | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.



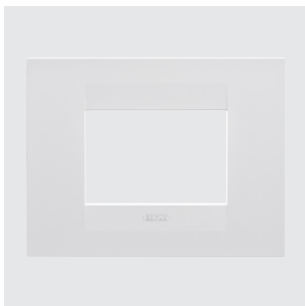
GW 16 403 TC

#### GEO - HEMP

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401TC | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402TC | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403TC | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404TC | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406TC | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

## PAINTED TECHNOPOLYMER



GW 16 403 VW

### GEO - SATIN WHITE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VW | 1 module    | GW16802, GW16803, GW16803N | 96            |
| GW16402VW | 2 modules   | GW16802, GW16803, GW16803N | 96            |
| GW16403VW | 3 modules   | GW16803, GW16803N          | 96            |
| GW16404VW | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VW | 6 modules   | GW16806                    | 12            |

CHARACTERISTICS: matt finish.



GW 16 403 VL

### GEO - NATURAL BEIGE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VL | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16402VL | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VL | 3 modules   | GW16803, GW16803N          | 12            |
| GW16404VL | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VL | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.

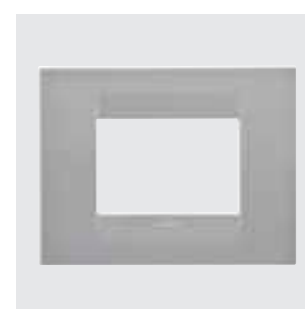


GW 16 403 VN

### GEO - SATIN BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VN | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402VN | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VN | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404VN | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VN | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.

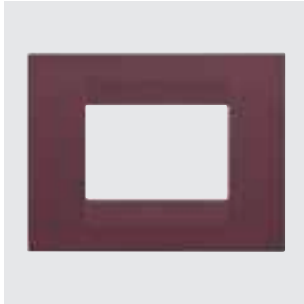


GW 16 403 VT

### GEO - TITANIUM

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VT | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402VT | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VT | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404VT | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VT | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish, metallic effect.

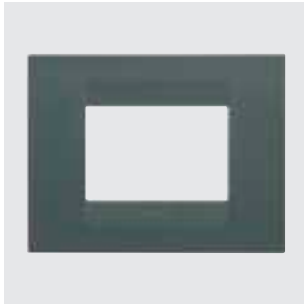


GW 16 403 VD

## GEO - TUSCAN RED

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VD | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402VD | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VD | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404VD | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VD | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.



GW 16 403 VZ

## GEO - TEAL

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VZ | 1 module    | GW16802, GW16803, GW16803N | 24            |
| GW16402VZ | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VZ | 3 modules   | GW16803, GW16803N          | 24            |
| GW16404VZ | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VZ | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.

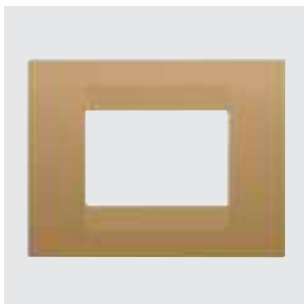


GW 16 403 VX

## GEO - SOFT COPPER

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VX | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16402VX | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VX | 3 modules   | GW16803, GW16803N          | 12            |
| GW16404VX | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VX | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish, metallic effect.



GW 16 403 VO

## GEO - GOLD

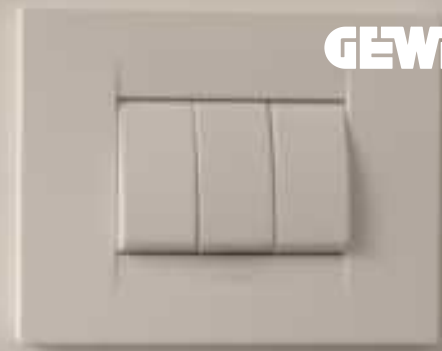
| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16401VO | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16402VO | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16403VO | 3 modules   | GW16803, GW16803N          | 12            |
| GW16404VO | 4 modules   | GW16804, GW16804N          | 12            |
| GW16406VO | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish, metallic effect.





GEWISS



## ChoruSmart



Scan the QR Code and find out all the technical informations.

### MINIMAL DESIGN



The colours, and simple, light shapes make GEO a youthful and informal furnishing item that expresses a minimalist style wherever it is placed.

### FINISHES



The GEO Plate, simple and youthful, is available in various colours and in 2 finishes: glossy and satin, for every need.

### HIGHLY CUSTOMISABLE

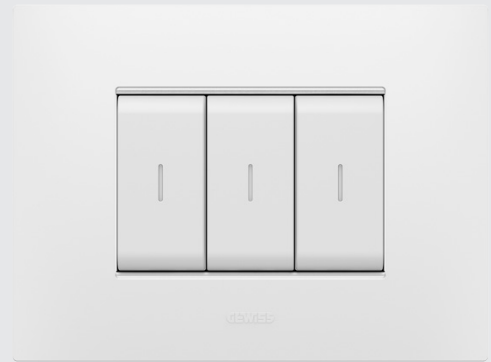


The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

## EGO plates

With their clean, compact lines, EGO plates make the right impression. Modern shapes with slightly curved surfaces that taper towards the edges convey balance and simplicity. The opalescent profiles inside the plate, in aesthetic continuity with the EGO SMART versions, add a subtle element of unique identity. Every detail is designed to ensure appeal and personality.



## EGO PLATES

### PAINTED TECHNOPOLYMER



GW 16 003 PW

#### EGO - SATIN WHITE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001PW | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002PW | 2 modules   | GW16802, GW16803, GW16803N | 96            |
| GW16003PW | 3 modules   | GW16803, GW16803N          | 96            |
| GW16004PW | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007PW | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish.



GW 16 003 CY

#### EGO - CLAY

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001CY | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002CY | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003CY | 3 modules   | GW16803, GW16803N          | 24            |
| GW16004CY | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007CY | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish.

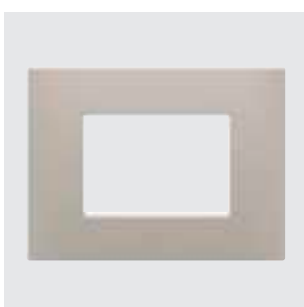


GW 16 003 NB

#### EGO - NATURAL BEIGE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16002NB | 2 modules   | GW16802, GW16803, GW16803N | 96            |
| GW16003NB | 3 modules   | GW16803, GW16803N          | 96            |
| GW16004NB | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007NB | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish.



GW 16 003 DS

#### EGO - DARK SAND

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16002DS | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003DS | 3 modules   | GW16803, GW16803N          | 24            |
| GW16004DS | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007DS | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish.

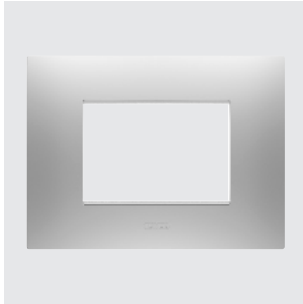


GW 16 003 DB

### EGO - SATIN BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001DB | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002DB | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003DB | 3 modules   | GW16803, GW16803N          | 24            |
| GW16007DB | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish.

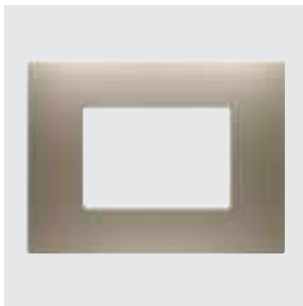


GW 16 003 GR

### EGO - MAGNETIC GRAY

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001GR | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002GR | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003GR | 3 modules   | GW16803, GW16803N          | 24            |
| GW16004GR | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007GR | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.

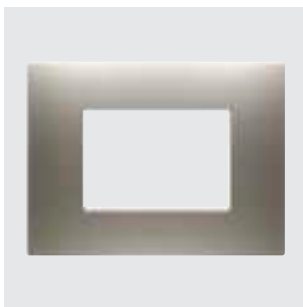


GW 16 003 BR

### EGO - LIGHT BRONZE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001BR | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002BR | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003BR | 3 modules   | GW16803, GW16803N          | 12            |
| GW16004BR | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007BR | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.

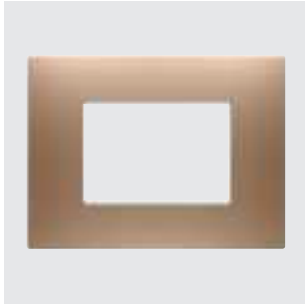


GW 16 003 ST

### EGO - STEEL

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001ST | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16003ST | 3 modules   | GW16803, GW16803N          | 12            |
| GW16004ST | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007ST | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.

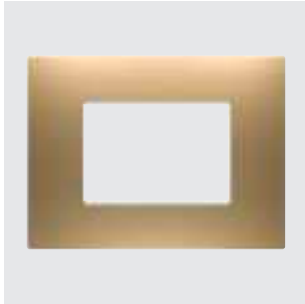


GW 16 003 CS

## EGO - SOFT COPPER

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001CS | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002CS | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003CS | 3 modules   | GW16803, GW16803N          | 12            |
| GW16004CS | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007CS | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.

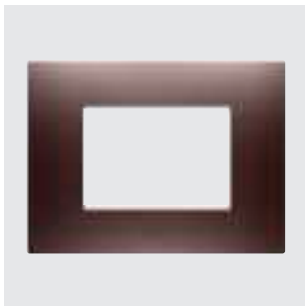


GW 16 003 SG

## EGO - GOLD

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001SG | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16002SG | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16003SG | 3 modules   | GW16803, GW16803N          | 12            |
| GW16004SG | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007SG | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.



GW 16 003 CP

## EGO - COPPER

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001CP | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16003CP | 3 modules   | GW16803, GW16803N          | 12            |
| GW16004CP | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007CP | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.



GW 16 003 BS

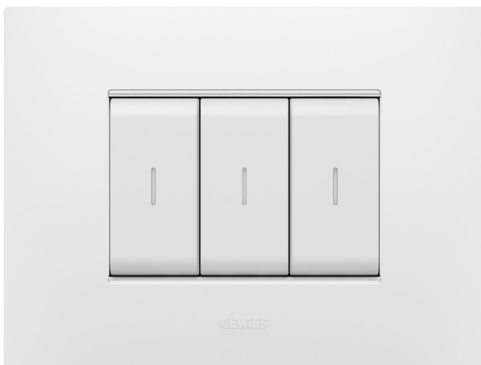
## EGO - BROWN SHADE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16001BS | 1 module    | GW16802, GW16803, GW16803N | 12            |
| GW16003BS | 3 modules   | GW16803, GW16803N          | 12            |
| GW16004BS | 4 modules   | GW16804, GW16804N          | 12            |
| GW16007BS | 7 modules   | GW16807N                   | 6             |

CHARACTERISTICS: matt finish, metallic effect.



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## PRECIOUS FINISHES



Three thematic lines of plates for a perfect match with ChoruSmart devices. A total of 12 colors, all with a satin finish.

## INNOVATION



EGO was designed as a modern plate and has evolved in the EGO SMART version, an innovative concept of SMART HOME.

## HIGHLY CUSTOMISABLE



The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

## LUX plates

LUX plates, with their modern, refined lines, marry the high-tech spirit of modernity with the refined and elegant taste of tradition. Wood, glass and metal versions are added to the classic technopolymer plates. With monochrome variants of the LUX plates, uniformity of colour becomes the distinctive character of each ChoruSmart lighting device.



## LUX ITALIAN STANDARD PLATES

### TECHNOPOLYMER



GW 16 203 TB

#### LUX - WHITE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202TB | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16203TB | 3 modules   | GW16803, GW16803N          | 12            |
| GW16204TB | 4 modules   | GW16804, GW16804N          | 12            |
| GW16206TB | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

NOTES: inner frame chromed.



GW 16 203 YB

#### LUX - MONOCHROME WHITE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202YB | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16203YB | 3 modules   | GW16803, GW16803N          | 12            |
| GW16204YB | 4 modules   | GW16804, GW16804N          | 12            |
| GW16206YB | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

NOTES: inner frame in the same white colour as the plate, glossy finish.



GW 16 203 TN

#### LUX - TONER BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202TN | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16203TN | 3 modules   | GW16803, GW16803N          | 12            |
| GW16204TN | 4 modules   | GW16804, GW16804N          | 12            |
| GW16206TN | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

NOTES: inner frame chromed.



GW 16 203 YN

#### LUX - LAVY TONER BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202YN | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16203YN | 3 modules   | GW16803, GW16803N          | 12            |
| GW16204YN | 4 modules   | GW16804, GW16804N          | 12            |
| GW16206YN | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish.

NOTES: inner frame in the same black colour of the plate, matt finish.

## PAINTED TECHNOPOLYMER



GW 16 203 VT

### LUX - TITANIUM

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202VT | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16203VT | 3 modules   | GW16803, GW16803N          | 12            |
| GW16204VT | 4 modules   | GW16804, GW16804N          | 12            |
| GW16206VT | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** glossy finish, metallic effect.

**NOTES:** inner frame chromed.



GW 16 203 YT

### LUX - MONOCHROME TITANIUM

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202YT | 2 modules   | GW16802, GW16803, GW16803N | 12            |
| GW16203YT | 3 modules   | GW16803, GW16803N          | 12            |
| GW16204YT | 4 modules   | GW16804, GW16804N          | 12            |
| GW16206YT | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** glossy finish, metallic effect.

**NOTES:** inner frame in the same titanium colour of the plate, glossy finish.



GW 16 203 VA

### LUX - SLATE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202VA | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203VA | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204VA | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206VA | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** glossy finish, metallic effect.

**NOTES:** inner frame chromed.



GW 16 203 YA

### LUX - ABSOLUTE SLATE

| Code      | Description | For support codes | Pack / Carton |
|-----------|-------------|-------------------|---------------|
| GW16203YA | 3 modules   | GW16803, GW16803N | 12            |
| GW16204YA | 4 modules   | GW16804, GW16804N | 12            |

**CHARACTERISTICS:** glossy finish, metallic effect.

**NOTES:** inner frame in the same slate colour of the plate, glossy finish.

## METAL



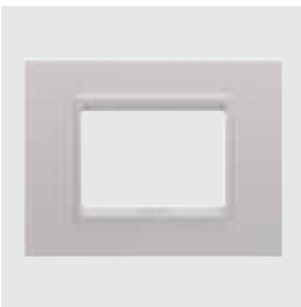
GW 16 203 XW

### LUX - MONOCHROME SATIN WHITE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XW | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XW | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XW | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XW | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.

NOTES: inner frame in same white colour, matt finish.



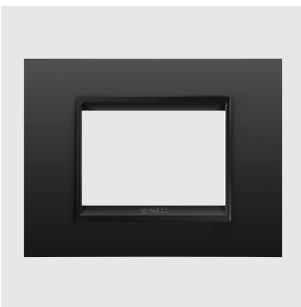
GW 16 203 XL

### LUX - MONOCHROME NATURAL BEIGE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XL | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XL | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XL | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XL | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.

NOTES: inner frame in same natural beige colour, matt finish.



GW 16 203 XM

### LUX - MONOCHROME SATIN BLACK

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XM | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XM | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XM | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XM | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish.

NOTES: inner frame in same black colour as the plate, matt finish.



GW 16 203 XP

### LUX - PEARLY BRONZE

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XP | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XP | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XP | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XP | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: glossy finish, metallic effect.

NOTES: inner frame in light bronze colour, matt finish.



GW 16 203 XV

### LUX - ANODIC BROWN

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XV | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XV | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XV | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XV | 6 modules   | GW16806                    | 6             |

CHARACTERISTICS: matt finish, metallic effect.

NOTES: inner frame in dark bronze colour, matt finish.





GW 16 203 XF

### LUX - GUNBARREL GREY

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XF | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XF | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XF | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XF | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** inner frame in the same gunbarrel grey colour as the plate, matt finish.



GW 16 203 XA

### LUX - MONOCHROME ALUMINIUM

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XA | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XA | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XA | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XA | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish.

**NOTES:** inner frame in the same aluminium colour as the plate, matt finish.



GW 16 203 XE

### LUX - SOFT COPPER

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XE | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XE | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XE | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XE | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** inner frame in the same soft copper colour as the plate, matt finish.



GW 16 203 XR

### LUX - MAGNETIC GRAY

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XR | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XR | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XR | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XR | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** inner frame in the same magnetic gray colour as the plate, matt finish.



GW 16 203 XS

### LUX - BRUSHED ALUMINIUM

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XS | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XS | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XS | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XS | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish.

**NOTES:** inner frame in light bronze colour, matt finish.



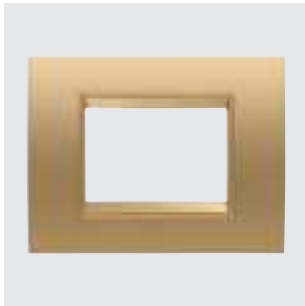
GW 16 203 WS

## LUX - LAVY BRUSHED ALUMINIUM

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202WS | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203WS | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204WS | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206WS | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish.

**NOTES:** inner frame in black colour, matt finish.



GW 16 203 XG

## LUX - GOLD

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XG | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XG | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XG | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XG | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish, metallic effect.

**NOTES:** inner frame in the same gold colour as the plate, matt finish.



GW 16 203 XQ

## LUX - ANTIQUE BRASS

| Code      | Description | For support codes          | Pack / Carton |
|-----------|-------------|----------------------------|---------------|
| GW16202XQ | 2 modules   | GW16802, GW16803, GW16803N | 6             |
| GW16203XQ | 3 modules   | GW16803, GW16803N          | 6             |
| GW16204XQ | 4 modules   | GW16804, GW16804N          | 6             |
| GW16206XQ | 6 modules   | GW16806                    | 6             |

**CHARACTERISTICS:** matt finish.

**NOTES:** inner frame in dark bronze colour, matt finish.



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## CONTEMPORARY STYLE



The LUX plate, with its modern shapes, is the perfect blend of modernity and the elegant aesthetics of tradition.

## MATERIALS



Modern and elegantly designed, LUX plates meet all your needs with their wide variety of materials, from technopolymer to metal, wood and glass.

## HIGHLY CUSTOMISABLE



The plates can be customised through a choice of colours and finishes. This allows the installation to be adapted to the style of the interiors and enhance all applications. Thanks to tampography and lasering, the plates can be customised with lettering, trademarks and logos. Please contact the GEWISS Commercial department to discuss the feasibility of any customisation.

# ChoruSmart

## Installation accessories

Wide variety of installation accessories for all modular devices and plates from the ChoruSmart range. Watertight plates with ergonomic membrane and 2 to 4 modules. Self-supporting plates for profiles and panels. Free-standing and surface-mounted panels. Surface-mounted boxes and self-supporting protected watertight enclosures. Supports for rectangular, round and square boxes available in standard and smart versions. Covers for flush-mounted boxes from 2 to 7 modules for painting and finishing.



## SPECIAL PLATES AND PANELS

### WATERTIGHT PLATES



GW 16 703 TB

#### WATERTIGHT PLATES - ITALIAN STANDARD - IP55

| Code      | Description | Colour          | Included support | Pack / Carton |
|-----------|-------------|-----------------|------------------|---------------|
| GW16703TB | 3 modules   | Glossy white    | GW16803          | 1/24          |
| GW16704TB | 4 modules   | Glossy white    | GW16804          | 1/24          |
| GW16703TN | 3 modules   | Glossy black    | GW16803          | 1/12          |
| GW16704TN | 4 modules   | Glossy black    | GW16804          | 1/12          |
| GW16703VT | 3 modules   | Glossy Titanium | GW16803          | 1/12          |
| GW16704VT | 4 modules   | Glossy Titanium | GW16804          | 1/12          |

**CHARACTERISTICS:** support included. Ergonomic membrane in UV-resistant material. Snap closing system. Opening made easy by wide key.

**APPLICATIONS:** for installation on rectangular flush-mounting boxes.

**NOTES:** degree of protection IP55 with closed lid and with installation on smooth, waterproof walls without grooves (smooth tiles, marble).



GW 16 702 TB

#### WATERTIGHT PLATES - INTERNATIONAL STANDARD - IP55

| Code      | Description | Colour          | Included support | Pack / Carton |
|-----------|-------------|-----------------|------------------|---------------|
| GW16702TB | 2 modules   | Glossy white    | GW16822          | 1/24          |
| GW16702TN | 2 modules   | Glossy black    | GW16822          | 1/12          |
| GW16702VT | 2 modules   | Glossy Titanium | GW16822          | 1/12          |

**CHARACTERISTICS:** support included. Ergonomic membrane in UV-resistant material. Snap closing system. Opening made easy by wide key.

**APPLICATIONS:** for installation on round/square flush-mounting boxes.

**NOTES:** degree of protection IP55 with closed lid and with installation on smooth, waterproof walls without grooves (smooth tiles, marble).

### PLATES FOR PROFILES



GW 16 711 TB

#### SELF-SUPPORTING PLATES FOR PROFILES AND PANELS



| Code      | Description | Colour Plate    | Characteristics | Pack / Carton |
|-----------|-------------|-----------------|-----------------|---------------|
| GW16711TB | 1 module    | Glossy white    | Halogen free    | 1/48          |
| GW16712TB | 2 modules   | Glossy white    | Halogen free    | 1/24          |
| GW16711TN | 1 module    | Glossy black    | Halogen free    | 1/24          |
| GW16712TN | 2 modules   | Glossy black    | Halogen free    | 1/24          |
| GW16711VT | 1 module    | Glossy Titanium | Halogen free    | 1/12          |
| GW16712VT | 2 modules   | Glossy Titanium | Halogen free    | 1/12          |

**CHARACTERISTICS:** complete with insulating box and supports. Diameter for cable input max. 10mm.

**NOTES:** the insulating box is equipped with a tug-proof cable fastener device and a corrugated conduit fastener device.

## BLANK PLATES



GW 16 723 TB

### BLANK PLATES



| Code      | Description | Colour       | For support codes          | Characteristics | Pack / Carton |
|-----------|-------------|--------------|----------------------------|-----------------|---------------|
| GW16723TB | 3 modules   | Glossy white | GW16802, GW16803, GW16803N | Halogen free    | 1/24          |
| GW16724TB | 4 modules   | Glossy white | GW16804, GW16804N          | Halogen free    | 1/24          |
| GW16723TN | 3 modules   | Glossy black | GW16802, GW16803, GW16803N | Halogen free    | 1/12          |
| GW16724TN | 4 modules   | Glossy black | GW16804, GW16804N          | Halogen free    | 1/12          |

**CHARACTERISTICS:** support not included for installation on rectangular boxes.

## FREE-STANDING AND WALL-MOUNTING ENCLOSURES



GW 16 854

### FREE-STANDING AND WALL-MOUNTING ENCLOSURES FOR ONE PLATES

| Code    | Description | Colour      | Support | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------|-------------|---------|-----------------------|---------------|
| GW16856 | 6 modules   | Satin White | GW16806 | 181x90x69             | 1/15          |
| GW16866 | 6 modules   | Satin black | GW16806 | 181x90x69             | 1/15          |

**CHARACTERISTICS:** support and plate not included. Use ONE plates (interchangeability with the entire colour range of plates).

Diameter for cable input max. 10mm.

**NOTES:** cable gland and safety cable fastener included. For wall-mounting, use wall plugs with a countersunk head, max Ø 3.5mm.

## BOXES, ENCLOSURES AND SUPPORTS

### WALL-MOUNTING BOXES



GW 16 743

### WALL-MOUNTING BOXES FOR MINI-TRUNKING AND TRUNKING USED AS SKIRTING FOR ONE PLATES



| Code                       | Description | Support | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|----------------------------|-------------|---------|-----------------------|-----------------|---------------|
| <b>Colour: Satin White</b> |             |         |                       |                 |               |
| GW16743                    | 3 modules   | GW16803 | 118x90x46             | Halogen free    | 3/60          |
| GW16744                    | 4 modules   | GW16804 | 140x90x46             | Halogen free    | 1/30          |
| <b>Colour: Satin black</b> |             |         |                       |                 |               |
| GW16773                    | 3 modules   | GW16803 | 118x90x46             | Halogen free    | 3/30          |
| GW16774                    | 4 modules   | GW16804 | 140x90x46             | Halogen free    | 1/30          |

**CHARACTERISTICS:** support and plate not included. Use ONE plates (interchangeability with the entire colour range of plates). Pre-arranged for mini-trunking with dimensions BxH (mm): 15x8, 15x10, 22x10, 30x15.

**NOTES:** fitted for fixing the earth terminal GW26407.



GW 16 752

### WALL-MOUNTING BOXES FOR MINI-TRUNKING AND TRUNKING USED AS SKIRTING FOR ONE INTERNATIONAL PLATES



| Code                       | Description | Type       | Support | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|----------------------------|-------------|------------|---------|-----------------------|-----------------|---------------|
| <b>Colour: Satin White</b> |             |            |         |                       |                 |               |
| GW16752                    | 2 modules   | -          | GW16822 | 90x90x46              | Halogen free    | 1/30          |
| GW16753                    | 2+2 modules | Horizontal | GW16822 | 161x90x46             | Halogen free    | 1/15          |
| GW16754                    | 2+2 modules | Vertical   | GW16822 | 90x161x46             | Halogen free    | 1/15          |
| <b>Colour: Satin black</b> |             |            |         |                       |                 |               |
| GW16782                    | 2 modules   | -          | GW16822 | 90x90x46              | Halogen free    | 1/30          |
| GW16783                    | 2+2 modules | Horizontal | GW16822 | 161x90x46             | Halogen free    | 1/15          |
| GW16784                    | 2+2 modules | Vertical   | GW16822 | 90x161x46             | Halogen free    | 1/15          |

**CHARACTERISTICS:** support and plate not included. Use ONE International plates (interchangeability with the entire colour range of the plates).

Pre-arranged for mini-trunking with dimensions BxH (mm): 15x15, 20x20, 22x10, 30x10, 30x15, 35x15, 45x15.

GW16754 and GW16784 to be used together with plates with a centre distance of 71mm.

GW16752 - GW16782 supplied with 2 fixing screws. GW16753 - GW16754 - GW16783 - GW16784 supplied with 6 fixing screws.

**NOTES:** fitted for fixing the earth terminal GW26407.

## ENCLOSURES FOR OUTDOORS



GW 16 503

### SELF-SUPPORTING, EMPTY, PROTECTED ENCLOSURES - IP40

| Code    | Description | Colour        | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------|---------------|-----------------------|---------------|
| GW16504 | 4 modules   | Grey RAL 7035 | 132x82x56             | 1/40          |

**CHARACTERISTICS:** fitted for fixing the earth terminal GW26407.

**NOTES:** not suitable for the installation of 1/2 module devices.



GW 16 513

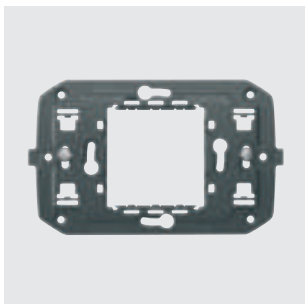
### SELF-SUPPORTING, EMPTY, WATERTIGHT ENCLOSURES - IP55

| Code    | Description | Colour        | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------|---------------|-----------------------|---------------|
| GW16514 | 4 modules   | Grey RAL 7035 | 132x82x69             | 1/30          |

**CHARACTERISTICS:** fitted for fixing the earth terminal GW26407. Ergonomic membrane, in UV-resistant material, Snap closing system.

**NOTES:** not suitable for the installation of 1/2 module devices.

## SUPPORTS



GW16 802

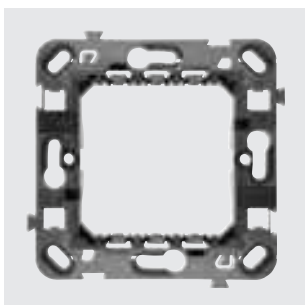
### ITALIAN STANDARD SUPPORTS FOR ONE, GEO, EGO, LUX AND ICE PLATES



| Code        | Description | Fixing              | Characteristics | Pack / Carton |
|-------------|-------------|---------------------|-----------------|---------------|
| GW16802DY01 | 2 modules   | 2 screws (included) | Halogen free    | 12/96         |
| GW16803DY01 | 3 modules   | 2 screws (included) | Halogen free    | 12/96         |
| GW16804DY01 | 4 modules   | 2 screws (included) | Halogen free    | 1/12          |
| GW16806DY01 | 6 modules   | 4 screws (included) | Halogen free    | 1/12          |

**CHARACTERISTICS:** GW16802 predisposed for fixing on both rectangular 3-module boxes (centre distance 83.5mm) and round/square boxes (centre distance 60mm) equipped with fixing columns. To be completed with 2-module standard plates.

**NOTES:** GW16808 and GW16812 to be used with white or titanium colour ONE plates. GW16807N to be used with EGO plates.



GW16 822

### INTERNATIONAL STANDARD SUPPORTS FOR ONE, GEO, EGO, LUX PLATES



| Code        | Description | Fixing                    | Characteristics | Pack / Carton |
|-------------|-------------|---------------------------|-----------------|---------------|
| GW16821DY01 | 2 modules   | With fixing clutches      | Halogen free    | 10/150        |
| GW16822DY   | 2 modules   | For screws (not included) | Halogen free    | 20/180        |

**CHARACTERISTICS:** GW16821 and GW16823 equipped with fixing clutches for installation on round boxes.

**NOTES:** GW16821 and GW16823 supports can be installed on single round boxes or in vertical composition.



GW16 822 N

### INTERNATIONAL STANDARD SUPPORTS FOR EGO SMART PLATES



| Code     | Description | Fixing                    | Characteristics | Pack / Carton |
|----------|-------------|---------------------------|-----------------|---------------|
| GW16821N | 2 modules   | With fixing clutches      | Halogen free    | 20/120        |
| GW16822N | 2 modules   | For screws (not included) | Halogen free    | 20/120        |

**CHARACTERISTICS:** GW16821N equipped with fixing clutches for installation on round boxes. Supports specifically for international standard EGO SMART plates; the supports are also compatible with the other ChoruSmart international standard plates, including ONE, GEO, LUX and EGO.

**NOTES:** GW16822N support can be installed on single round and square boxes or in a horizontal composition; the GW16821N support can be installed on single stand-alone round boxes.

# ChoruSmart

## Glossy white modular devices

The ChoruSmart modular devices allow you to create infinite combinations of devices and plates, thanks to a complete range that covers all design, functional and installation needs.

Colours and finishes: glossy white, bright and versatile.

Unlimited functions in compact spaces: the ChoruSmart range consists of button keys with 1/2, 1 and 2 rocker modules, to optimise space according to needs, and axial buttons in the EVO or SMART version, to meet the latest requirements.

Front coupling: front coupling allows the components to be assembled and released quickly and easily, with no need to remove the support, which is the same for all plates and boxes.



## COMMAND - GLOSSY WHITE VERSION

### COMMAND DEVICES - ROCKERS - SCREW TERMINALS



GW 10 001

#### ONE-WAY SWITCHES 1P - 250V AC

| Code                    | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-------------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b>   |             |            |                               |               |
| GW10001DY               | 1P - 16AX   | Neutral    | 200 W                         | 20/320        |
| <b>No. modules: 1/2</b> |             |            |                               |               |
| GW10021DY               | 1P - 10AX   | Neutral    | 100 W                         | 20/160        |
| <b>No. modules: 2</b>   |             |            |                               |               |
| GW10031DY01             | 1P - 16AX   | Neutral    | 200 W                         | 10/60         |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.



GW 10 004

#### ONE-WAY SWITCHES 2P - 250V AC

| Code                  | Description | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|--------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |        |                               |               |
| GW10004DY             | 2P - 16 AX  | Neutral    | 0/1    | 200 W                         | 20/320        |
| GW10006               | 2P - 10AX   | With key   | 0/1    | 100 W                         | 1/12          |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.

NOTES: GW10006 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW 10 051

#### TWO-WAY SWITCHES 1P - 250V AC

| Code                    | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-------------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b>   |             |            |                               |               |
| GW10051DY01             | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |
| GW10054                 | 1P - 10AX   | With key   | 100 W                         | 1/12          |
| <b>No. modules: 1/2</b> |             |            |                               |               |
| GW10061DY               | 1P - 10AX   | Neutral    | 100 W                         | 20/160        |
| <b>No. modules: 2</b>   |             |            |                               |               |
| GW10071DY01             | 1P - 16AX   | Neutral    | 200 W                         | 10/60         |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.

NOTES: GW10054 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW 10 091

#### INTERMEDIATE SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW10091DY01           | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |
| <b>No. modules: 2</b> |             |            |                               |               |
| GW10101DY             | 1P - 16AX   | Neutral    | 200 W                         | 20/120        |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.





GW 10 121

### THREE-WAY SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Symbol    | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-----------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |           |                               |               |
| GW10121DY             | 1P - 10AX   | Neutral    | UP - DOWN | 100 W                         | 20/320        |

**CHARACTERISTICS:** three standing positions. Both contacts are open in the central position (OFF).

**APPLICATIONS:** command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal). 2-user selective control.



GW 10 131

### PUSH-BUTTONS 1P - 250V AC

| Code                    | Description             | Button key                    | Symbol | Pack / Carton |
|-------------------------|-------------------------|-------------------------------|--------|---------------|
| <b>No. modules: 1</b>   |                         |                               |        |               |
| GW10131DY01             | 1P NO - 16A             | Neutral                       | -      | 10/100        |
| GW10136                 | 1P NO - 16A             | Pull-cord                     | -      | 1/12          |
| GW10141DY               | 1P NO+NO - 16 A         | Double                        | -      | 20/320        |
| <b>No. modules: 1/2</b> |                         |                               |        |               |
| GW10161DY               | 1P NO - 10A             | Neutral                       | -      | 20/160        |
| <b>No. modules: 2</b>   |                         |                               |        |               |
| GW10171DY               | 1P NO - 16A             | Neutral                       | -      | 20/120        |
| GW10173DY               | 1P NO - 16A illuminable | With replaceable neutral lens | -      | 20/120        |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

GW10136 Cord in insulating material, 140cm long, with red knob.

GW10140 Button with mechanical interlock. Both contacts are open in the central position (OFF); advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.).

GW10141 independent push-buttons that can also be activated simultaneously.



GW 10 134

### PUSH-BUTTONS 2P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW10145               | 2P NO - 10A | With key   | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW10145 equipped with 2 keys. Spare keys: GW30912.



GW 10 191

### PUSH-BUTTONS 1P WITH ILLUMINATED NAME PLATE - 250V AC

| Code                  | Description | Lamp voltage | Lamp                                   | Lamp power | Pack / Carton |
|-----------------------|-------------|--------------|--|------------|---------------|
| <b>No. modules: 2</b> |             |              |  |            |               |
| GW10191DY             | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp S6x36 mm (not included) | 2 W        | 20/120        |
| <b>No. modules: 3</b> |             |              |  |            |               |
| GW10192DY             | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp S6x36 mm                | 2 W        | 20/120        |

**CHARACTERISTICS:** lamp not included.

## SOFT-CLICK, ROCKER ELECTRONIC PUSH BUTTONS



GW 10 915

### UNIVERSAL SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                                   | Button key | Type of use                            | No. modules | Pack / Carton |
|---------|---|------------|--|-------------|---------------|
| GW10915 | 1NO/NC 4A (AC1) 230 V ac - Potential-free Neutral |            | Relay, dimmer, bus contacts interfaces | 1           | 1/12          |

**CHARACTERISTICS:** push-button suitable for connection of KNX BUS contacts interfaces, or the command of bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input.



GW 10 912

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Supply voltage      | Type of contact       | Button key    | Type of use   | Pack / Carton |
|---------|---------------------|-----------------------|---------------|---------------|---------------|
| GW10912 | 230 V ac - 50/60 Hz | 1NO 4A (AC1) 230 V ac | With diffuser | Relay, dimmer | 1/12          |

**CHARACTERISTICS:** push-button for controlling latching relays, electronic switches for heavy duty loads, or dimmers with a remote control input. Equipped with amber localisation LED.



GW 10 913

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTONS FOR BUS INPUTS

| Code                  | Type of contact      | Button key                    | Type of use             | Pack / Carton |
|-----------------------|----------------------|-------------------------------|-------------------------|---------------|
| <b>No. modules: 1</b> |                      |                               |                         |               |
| GW10913               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/12          |
| GW10916               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/12          |
| <b>No. modules: 2</b> |                      |                               |                         |               |
| GW10917               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/6           |
| GW10918               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/6           |

**CHARACTERISTICS:** push-button for BUS inputs, suitable for KNX BUS contact interface connections. Equipped with 2-colour (amber/green) LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).



GW 10 914

### DOUBLE SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                         | Button key | Symbol    | No. modules | Pack / Carton |
|---------|---|------------|-----------|-------------|---------------|
| GW10914 | Dual, potential-free and with interlock | Neutral    | UP - DOWN | 1           | 1/12          |

**CHARACTERISTICS:** double push-button suitable for connecting KNX BUS contact interfaces or electronic control panels for moving roller shutters.

## BLANKING MODULES AND CABLE OUTLET



GW 10 195

### BLANKING MODULES

| Code      | Description | No. modules | Pack / Carton |
|-----------|-------------|-------------|---------------|
| GW10195DY | 1 module    | 1           | 1/99          |
| GW10197DY | 1/2 module  | 1/2         | 20/160        |
| GW10198   | 2 modules   | 2           | 1/48          |
| GW10199   | 3 modules   | 3           | 1/48          |



GW 10 194

### CABLE OUTLET

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW10196 | 1 module    | 1           | 1/48          |

**NOTES:** GW10196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.  
GW10194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

## MOVEMENT DETECTORS



GW 10 594

### MOVEMENT DETECTOR

| Code    | Supply voltage     | Output contacts        | Pack / Carton |
|---------|--------------------|------------------------|---------------|
| GW10594 | 230V ac - 50/60 Hz | 1NO 3 A (AC1) 230 V ac | 1/4           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited. Suitable for commanding halogen lamps/ resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA, LED loads: 60 W (max. 10 lamps). Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.

**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through. Comfort and safety: automatic command of circuits without needing to activate one-way switches.

**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly. Detection beam angle 120°, depth of detection max 8 metres.



GW 10 595

### CEILING-MOUNTED PRESENCE DETECTOR

| Code    | Supply voltage          | Installation height (m) | Light sensor   | Dimensions HxØ (mm) | Pack / Carton |
|---------|-------------------------|-------------------------|----------------|---------------------|---------------|
| GW10595 | 220/240 V ac - 50/60 Hz | From 2,2 to 6           | < 3 ÷ 2000 Lux | 44x111,5            | 1             |

**CHARACTERISTICS:** presence sensor, sensing range: 360° circle (max. diameter 18 metres); installable with fixing springs on a surface-mounted or recessed box. Suitable for the control of incandescent/halogen lamps: 1000W, LED lamps : 200W (4 / 23 W - max. 8 lamps).

**NOTE:** equipped with a surface-mount box capable of holding sensors from IP20 to IP44.

## RELAY



GW10 724

### RELAY - 230V AC 50/60HZ

| Code                  | Type             | No. of poles | Output contacts                 | Coil               | Pack / Carton |
|-----------------------|------------------|--------------|---------------------------------|--------------------|---------------|
| <b>No. modules: 1</b> |                  |              |                                 |                    |               |
| GW10721               | Latching relay   | 1P           | 10 AX 250V ac                   | 230V ac - 50/60 Hz | 1/12          |
| GW10724               | Monostable relay | 1P           | 1NO/NC 10A(AC1)/2A(AC15)250V ac | 230V ac - 50/60 Hz | 1/12          |

**CHARACTERISTICS:** GW10721 suitable for commanding incandescent/halogen lamps: 1000 W, fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W.

**APPLICATIONS:** GW10721 command of lighting devices from more than one point, by means of remote NO push-buttons.

GW10721 motor function/stop commands (extractors, air agitators, etc.).

GW10724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.



GW10 726

### CALL RELAY - 12V AC/DC

| Code    | Supply voltage | No. of poles | Output contacts       | No. modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|-------------|---------------|
| GW10726 | 12V ac/dc      | 1P           | 1NO/NC 12 V (max. 1A) | 1           | 1/12          |

**CHARACTERISTICS:** inlets for remote NO push-buttons for alarms (e.g. GW10136) and alarm reset (e.g. GW10145), green LED for alarm status signalling.

## HOTEL COMPONENTS - GLOSSY WHITE VERSION

### BADGE SWITCH



GW10 039

### BADGE SWITCH

| Code    | Description               | For badge card max. width | Rated power of 230V LED lamps | No. modules | Pack / Carton |
|---------|---------------------------|---------------------------|-------------------------------|-------------|---------------|
| GW10039 | 1P NO - 16 AX illuminable | 54 mm                     | 200 W                         | 2           | 1/6           |

**CHARACTERISTICS:** the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

**NOTES:** badges not included. The article uses LED signalling units, not included.

### INDICATOR LIGHT DEVICE



GW10 736

### DOUBLE INDICATOR LAMP

| Code    | Diffuser colour | Symbol  | No. modules | Pack / Carton |
|---------|-----------------|---------|-------------|---------------|
| GW10736 | Opal diffuser   | DND+MUR | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units not included.

## POWER - GLOSSY WHITE VERSION

### SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD



GW10 203

#### ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code        | Description               | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-------------|---------------------------|-----------------|---------------|-------------|---------------|
| GW10201DY   | 2P+E - 10A                | P11             | Ø 4 mm        | 1           | 20/320        |
| GW10203DY01 | 2P+E - 16 A Dual amperage | P11-P17         | Ø 4 / 5 mm    | 1           | 10/100        |

CHARACTERISTICS: with safety shields.



GW10 204

#### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description               | Earth pit        | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------|------------------|-----------------|------------------|-------------|---------------|
| GW10204DY | 2P+E - 16 A Dual amperage | Side and central | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

CHARACTERISTICS: with safety shields.

### SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

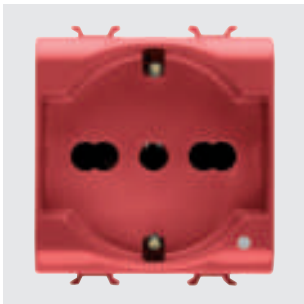


GW10 213

#### ITALIAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-----------|---------------------------|--------|-----------------|---------------|-------------|---------------|
| GW10213DY | 2P+E - 16 A Dual amperage | Red    | P11-P17         | Ø 4 / 5 mm    | 1           | 20/320        |

CHARACTERISTICS: with safety shields.



GW10 214

#### ITALIAN/GERMAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

| Code      | Description                           | Colour | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------------------|--------|-----------------|------------------|-------------|---------------|
| GW10214DY | 2P+E - 16 A Dual amperage illuminable | Red    | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

CHARACTERISTICS: with safety shields. Pit of side and central earth contacts. Pre-arranged for housing LED signalling units, not included.

APPLICATIONS: possibility to indicate presence of auxiliary network.

## SOCKET-OUTLETS - GERMAN STANDARD



GW 10 241

### GERMAN STANDARD SOCKET-OUTLET - 250V AC

| Code        | Description | For plug pins | No. modules | Pack / Carton |
|-------------|-------------|---------------|-------------|---------------|
| GW10241DV01 | 2P+E - 16A  | Ø 4.8 mm      | 2           | 10/60         |

**CHARACTERISTICS:** with safety shields.



GW 10 242

### GERMAN STANDARD SOCKET-OUTLET WITH LID IP40 - 250 V AC

| Code      | Description | For plug pins | No. modules | Pack / Carton |
|-----------|-------------|---------------|-------------|---------------|
| GW10242DY | 2P+E - 16A  | Ø 4.8 mm      | 2           | 10/60         |

**CHARACTERISTICS:** with safety shields. Equipped with a transparent rigid cover with a glossy finish. IP40 degree of protection with the cover closed.

## INTERLOCKED SWITCHED SOCKET-OUTLETS



GW 10 311

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-------------|---------------|
| GW10311 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 2           | 1/6           |
| GW10312 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 3           | 1/4           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.



GW 10 321

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-----------------|-------------|---------------|
| GW10321 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 10 mA           | 3           | 1/4           |
| GW10322 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 10 mA           | 4           | 1/2           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.

## SHAVER SOCKET-OUTLET



GW 10 331

### EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

| Code    | Supply voltage      | For plug pins        | Selectable output voltage | Maximum power | No. modules | Pack / Carton |
|---------|---------------------|----------------------|---------------------------|---------------|-------------|---------------|
| GW10331 | 230 V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120-230V ac               | 20 VA         | 3           | 1/2           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading.  
The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.  
The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting boxes or free-standing containers.

## DATA - GLOSSY WHITE VERSION

### TV-SAT SOCKETS



GW 10 361

### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code      | Description    | Attenuation | No. modules | Pack / Carton |
|-----------|----------------|-------------|-------------|---------------|
| GW10361   | Direct         | 0 dB        | 1           | 1/48          |
| GW10361DY | Direct         | 0 dB        | 1           | 10/100        |
| GW10362   | Through wiring | 5 dB        | 1           | 1/24          |
| GW10362DY | Through wiring | 5 dB        | 1           | 10/100        |
| GW10363   | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW10361 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).  
GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV 5dB GW10362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load. (TV, VCR, SAT receiver or 75-Ohm termination)



GW 10 371

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW10371 | Direct         | 0 dB        | 1           | 1/48          |
| GW10372 | Through wiring | 5 dB        | 1           | 1/24          |
| GW10373 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW10371 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).  
GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW10372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 10 382

### TV-FM-SAT SOCKETS

| Code    | Connectors | Description | Attenuation | No. modules | Pack / Carton |
|---------|------------|-------------|-------------|-------------|---------------|
| GW10381 | TV-FM      | Direct      | 0 dB        | 2           | 1/24          |
| GW10382 | TV-FM-SAT  | Direct      | 0 dB        | 2           | 1/24          |
| GW10383 | TV-SAT     | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** TV-FM direct co-axial socket-outlet GW10381: male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm.  
TV-FM-SAT direct co-axial socket-outlet GW10382: male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm, female F-type SAT connector.  
TV-SAT direct co-axial socket-outlet GW10383: male IEC-type TV connector ø 9.5mm, female F-type SAT connector.

**NOTES:** demixed socket-outlets with input for co-axial cable Ø 5mm or 7mm.



GW 10 367

## COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5MM

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW10367 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 10 377

## COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW10377 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 10 386

## COVERS FOR TV-SAT-R ANTENNA SOCKETS

| Code    | Description       | No. holes | Pack / Carton |
|---------|-------------------|-----------|---------------|
| GW10386 | For TV-R base     | 2         | 1/24          |
| GW10387 | For TV/R-SAT base | 2         | 1/24          |

**APPLICATIONS:** suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

**ACCESSORIES SUPPLIED:** fixing screws.

## TELEPHONE SOCKETS



GW 10 401

## RJ11 TELEPHONE SOCKETS

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW10401 | RJ11        | Screw-on terminals | 1           | 1/24          |

**APPLICATIONS:** telephone, telefax, modem.



GW 10 409

## RJ11 TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW10409 | RJ11        | Screw-on terminals | 2           | 1/24          |

**APPLICATIONS:** telephone, telefax, modem.





GW 10 406

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW10406 | 6 contacts  | Screw-on terminals | 1           | 1/24          |

## DATA SOCKETS



GW 10 421

### RJ45 SOCKETS

| Code      | Description | Number pairs | Use category | Cables | Connection | No. modules | Pack / Carton |
|-----------|-------------|--------------|--------------|--------|------------|-------------|---------------|
| GW10421   | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 1/24          |
| GW10421DY | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 10/100        |
| GW10422   | RJ45        | 4            | 5e           | FTP    | Toolless   | 1           | 1/24          |
| GW10423   | RJ45        | 4            | 6            | UTP    | Toolless   | 1           | 1/24          |
| GW10424   | RJ45        | 4            | 6            | FTP    | Toolless   | 1           | 1/24          |

**APPLICATIONS:** LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e; LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

**NOTES:** circuit identification label included.



GW 10 431

### ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. modules | Pack / Carton |
|---------|---------------------|-------------|---------------|
| GW10431 | AMP / Keystone Jack | 1           | 1/48          |
| GW10438 | SYSTEMAX COMMSCOPE  | 1           | 1/48          |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the GEWISS adapter.

## AUDIO AND VIDEO SOCKETS



GW 10 453

### AUDIO AND VIDEO SOCKETS

| Code    | Description     | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW10453 | Double RCA      | 1           | 1/24          |
| GW10454 | For loudspeaker | 1           | 1/24          |
| GW10458 | Speaker socket  | 1           | 1/24          |

**CHARACTERISTICS:** GW10453 double RCA stud connector, red and white, weld-in connection.

GW10454 welding connection. GW10458 front access terminals for inserting 1.5 mm<sup>2</sup> rigid wires, insulator punching rear connection suitable for cables AWG24 or max 0.25mm<sup>2</sup>.

## USB AND HDMI COUPLERS AND SOCKETS



GW 10 459

### USB SOCKETS

| Code    | Description       | No. modules | Pack / Carton |
|---------|-------------------|-------------|---------------|
| GW10459 | USB socket-outlet | 1           | 1/24          |

**CHARACTERISTICS:** A-type USB 2.0 female connector, with screw terminals on the back.



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## USB CHARGERS



GW 10 449

### USB POWER SUPPLY FOR ELECTRONIC DEVICES

| Code    | Supply voltage            | Output voltage | Max current supplied | Type of port | No. modules | Pack / Carton |
|---------|---------------------------|----------------|----------------------|--------------|-------------|---------------|
| GW10449 | 100 ÷ 240 V ac - 50/60 Hz | 5V dc          | 3 A                  | A+C          | 1           | 1/10          |

**CHARACTERISTICS:** suitable for recharging a single electronic device (e.g. tablet) or two devices simultaneously (e.g. a tablet and smartphone). The division of the current delivered to the two outputs depends on the state of charge of the connected devices.

## PROTECTION - GLOSSY WHITE VERSION

### MINIATURE CIRCUIT BREAKERS



GW 10 463

### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code    | Description      | Rated current (A) | Breaking capacity | No. modules | Pack / Carton |
|---------|------------------|-------------------|-------------------|-------------|---------------|
| GW10461 | Single pole (1P) | 6                 | 3 kA              | 1           | 1/12          |
| GW10462 | Single pole (1P) | 10                | 3 kA              | 1           | 1/12          |
| GW10463 | Single pole (1P) | 16                | 3 kA              | 1           | 1/12          |
| GW10466 | Two-pole (1P+N)  | 6                 | 3 kA              | 1           | 1/12          |
| GW10467 | Two-pole (1P+N)  | 10                | 3 kA              | 1           | 1/12          |
| GW10468 | Two-pole (1P+N)  | 16                | 3 kA              | 1           | 1/12          |



GW 10 488

### RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ

| Code    | Description     | Rated current (A) | Breaking capacity | Idn   | No. modules | Pack / Carton |
|---------|-----------------|-------------------|-------------------|-------|-------------|---------------|
| GW10482 | Two-pole (1P+N) | 6                 | 3 kA              | 10 mA | 2           | 1/6           |
| GW10483 | Two-pole (1P+N) | 6                 | 3 kA              | 30 mA | 2           | 1/6           |
| GW10485 | Two-pole (1P+N) | 10                | 3 kA              | 10 mA | 2           | 1/6           |
| GW10486 | Two-pole (1P+N) | 10                | 3 kA              | 30 mA | 2           | 1/6           |
| GW10488 | Two-pole (1P+N) | 16                | 3 kA              | 10 mA | 2           | 1/6           |
| GW10489 | Two-pole (1P+N) | 16                | 3 kA              | 30 mA | 2           | 1/6           |

## PROTECTION DEVICES



GW 10 491

### FUSE HOLDER - 250V AC

| Code    | Rated current (A) | Fuse type   | No. modules | Pack / Carton |
|---------|-------------------|-------------|-------------|---------------|
| GW10491 | 16                | Ø 6.3x32 mm | 1           | 1/12          |

**CHARACTERISTICS:** fuse not included.



GW 10 492

### SURGE PROTECTION DEVICE - 230V AC

| Code    | Uc               | Up   | No. modules | Pack / Carton |
|---------|------------------|------|-------------|---------------|
| GW10492 | 275 V ac 50/60Hz | 1 kV | 1           | 1/12          |

**CHARACTERISTICS:** green LED for status signalling.

**APPLICATIONS:** protection of electronic devices (TV, HI-FI, computer, etc.) from overvoltage (resulting from atmospheric conditions or manoeuvres) that could be channelled from the power supply lines.

## INDICATOR - GLOSSY WHITE VERSION

### INDICATOR LIGHT DEVICES



GW 10 622

### SINGLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | Colour meaning | No. modules | Pack / Carton |
|---------|-----------------|----------------|-------------|---------------|
| GW10621 | Opal diffuser   | Neutral        | 1           | 1/24          |
| GW10622 | Green           | Safety         | 1           | 1/24          |
| GW10623 | Red             | Danger         | 1           | 1/24          |
| GW10624 | Amber           | Attention      | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 10 629

## DOUBLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW10628 | Opal diffuser   | 1           | 1/24          |
| GW10629 | Red/green       | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 10 633

## PROTRUDING INDICATOR LAMPS - 2 MODULES

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW10631 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW10632 | 12V ac/dc - 230V ac 50/60 Hz | Green           | White LED | 2           | 1/24          |
| GW10633 | 12V ac/dc - 230V ac 50/60 Hz | Red             | White LED | 2           | 1/24          |
| GW10634 | 12V ac/dc - 230V ac 50/60 Hz | Amber           | White LED | 2           | 1/24          |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

**APPLICATIONS:** suitable for special applications such as the signalling of calls from hospital wards.

**NOTES:** complete with lamp.



GW 10 656

## STAIR RISER LAMP

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW10651 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW10656 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 4           | 1/2           |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

## ANTI BLACK-OUT AND EMERGENCY LAMPS



GW 10 661

### EXTRACTABLE ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|---------------|
| GW10661 | 230 V ac - 50/60 Hz | Ni - Mh                | 2 h              | White LED | 1/6           |

**CHARACTERISTICS:** equipped with a 3-position selector on the front panel, for anti black-out inhibition and night functioning.

To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.



GW 10 662

### ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW10662 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 1           | 1/12          |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.



GW10 663

### AUTONOMOUS EMERGENCY LAMPS

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW10663 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 2           | 1/6           |
| GW10666 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 4           | 1/2           |

**CHARACTERISTICS:** green mains presence signal LED. Highly efficient, white LED lamps.

**APPLICATIONS:** compliant with standards EN60598-2-22.

## ACOUSTIC SIGNALLING DEVICES



GW10 601

### RINGERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW10601 | 12V ac - 50 Hz  | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |
| GW10602 | 230V ac - 50 Hz | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW10 606

### BUZZERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW10606 | 12V ac - 50 Hz  | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |
| GW10607 | 230V ac - 50 Hz | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW10 611

### THREE TONE RINGER AND THREE INDEPENDENT INPUTS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW10611 | 12V ac/dc       | 3 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |
| GW10612 | 230V ac - 50 Hz | 6 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - GLOSSY WHITE VERSION

### TIMER DEVICES



GW 10 581

#### ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

| Code    | Supply voltage      | Output contacts                 | No. modules | Pack / Carton |
|---------|---------------------|---------------------------------|-------------|---------------|
| GW10581 | 230 V ac - 50/60 Hz | 1NO/NC 8A(AC1)/4A(AC15) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

### TEMPERATURE CONTROL DEVICES



GW 10 703

#### TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

| Code    | Supply voltage      | Temperature adjustment | Output contacts                 | No. modules | Pack / Carton |
|---------|---------------------|------------------------|---------------------------------|-------------|---------------|
| GW10703 | 230 V ac - 50/60 Hz | From +5°C to +40°C     | 1NO/NC 5A(AC1)/2A(AC15) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 10 705

#### THERMOSTAT

| Code    | Supply voltage      | Temperature adjustment | Output contacts          | No. modules | Pack / Carton |
|---------|---------------------|------------------------|--------------------------|-------------|---------------|
| GW10705 | 230 V ac - 50/60 Hz | From +5°C to +35°C     | 1NO / NC 8A(AC1) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler). Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates mains presence.

### DIMMER



GW 10 575

#### UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code    | Supply voltage  | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW10575 | 230V ac - 50 Hz | 1           | 1/12          |

**CHARACTERISTICS:** suitable for dimming incandescent and halogen lamps 230 V ac (10-160 W); low-voltage halogen lamps (12 V ac) with electronic transformers (10-160 W) and LED lamps 230 V ac (4-160W), rotary control with 2-way switch. Equipped with amber-colour-red signalling LED. Can be operated without neutral connection.

**NOTES:** the installation of more than one dimmer side-by-side in a single container is not permitted. To avoid overheating, insert a blanking module between two dimmers. If installing two dimmers in the same box, the maximum loads that can be controlled by each dimmer must be reduced by 50%.



GW10 564

### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code             | Supply voltage      | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|------------------|---------------------|------------------------|------------------------|-------------|---------------|
| <b>GW10564</b>   | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 1/12          |
| <b>GW10564DY</b> | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 10/100        |
| <b>GW10567</b>   | 230 V ac - 50/60 Hz | 100 - 500 W            | 100 - 500 VA           | 1           | 1/12          |

**CHARACTERISTICS:** with signalling led orange. GW10567 rotary command with two-way switch.

GW10564 compliance with the EMC directive is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact GEWISS Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW10 568

### ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code           | Supply voltage  | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|----------------|-----------------|------------------------|------------------------|-------------|---------------|
| <b>GW10568</b> | 230V ac - 50 Hz | 60 - 500 W             | 60 - 500 VA            | 1           | 1/12          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

## ACCESSORIES

### SIGNALLING UNITS



GW10 881

#### LED SIGNALLING UNITS - 230 V AC - 0.6 W

| Code             | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|---------------------|------------|------|---------------|--------------|---------------|
| <b>GW10881DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| <b>GW10882DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



GW10 894

#### LED SIGNALLING UNITS - 12-24 V AC/DC - 0.6 W

| Code             | Lamp voltage | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|--------------|------------|------|---------------|--------------|---------------|
| <b>GW10894DY</b> | 12-24V ac/dc | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).





# ChoruSmart



Scan the QR Code and find out all the technical informations.

## INNOVATIVE



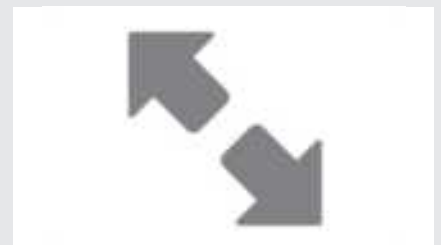
ChoruSmart offers the best technologies for an aesthetic and functional experience suitable for every person. In particular, the new EVO axial and touch controls offer the ability to centralize the management of lights and shutters with an extremely simplified installation.

## AESTHETIC VARIABILITY



The wide range of options for customising the devices, in terms of colour and modularity, ensures a vast choice of solutions. Six colourways are available: three with a satin finish and three with a glossy finish, for a perfect match between the devices and the plate.

## SCALABLE



ChoruSmart began as a traditional domestic series, but with the addition of a few Connected Smart Home or Home&Building Pro elements, it can become smart and suitable for both renovations and new buildings. The combination of colours, materials, finishes and shapes offers something for every taste and need.

# ChoruSmart

## Satin white modular devices

The CHORUSMART modular devices make it possible to create infinite combination between devices and plates, thanks to a complete range that is able to satisfy all design, functional and installation requirements. Colours and finishes: satin white, distinctive and elegant.

Unlimited functions in reduced spaces: the ChoruSmart range consists of rocker button keys with 1/2, 1 and 2 modules, to optimise space as needed, and axial keys in EVO or SMART version, to satisfy even the most modern needs. Front coupling: the front coupling makes the component assembly and release operations simple and quick, enabling these to be completed without removing the support, unique for all the plates and fruits.



## COMMAND - SATIN WHITE VERSION

### COMMAND DEVICES - ROCKERS - SCREW TERMINALS



GW15 004

#### ONE-WAY SWITCHES 2P - 250V AC

| Code                  | Description | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|--------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |        |                               |               |
| GW15006               | 2P - 10AX   | With key   | 0/1    | 100 W                         | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW15006 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW15 051

#### TWO-WAY SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW15054               | 1P - 10AX   | With key   | 100 W                         | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW15054 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW15 131

#### PUSH-BUTTONS 1P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW15136               | 1P NO - 16A | Pull-cord  | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

GW15136 Cord in insulating material, 140cm long, with red knob.

GW15140 Button with mechanical interlock. Both contacts are open in the central position (OFF); advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.).

GW15141 independent push-buttons that can also be activated simultaneously.



GW15 134

#### PUSH-BUTTONS 2P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW15145               | 2P NO - 10A | With key   | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW15145 equipped with 2 keys. Spare keys: GW30912.

## SOFT-CLICK, ROCKER ELECTRONIC PUSH BUTTONS



GW 15 915

### UNIVERSAL SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                                   | Button key | Type of use                            | No. modules | Pack / Carton |
|---------|---|------------|--|-------------|---------------|
| GW15915 | 1NO/NC 4A (AC1) 230 V ac - Potential-free Neutral |            | Relay, dimmer, bus contacts interfaces | 1           | 1/12          |

**CHARACTERISTICS:** push-button suitable for connection of KNX BUS contacts interfaces, or the command of bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input.



GW 15 912

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Supply voltage      | Type of contact       | Button key    | Type of use   | Pack / Carton |
|---------|---------------------|-----------------------|---------------|---------------|---------------|
| GW15912 | 230 V ac - 50/60 Hz | 1NO 4A (AC1) 230 V ac | With diffuser | Relay, dimmer | 1/12          |

**CHARACTERISTICS:** push-button for controlling latching relays, electronic switches for heavy duty loads, or dimmers with a remote control input. Equipped with amber localisation LED.



GW 15 913

### BACKLIT ELECTRONIC PUSH-BUTTONS FOR BUS INPUTS

| Code                  | Type of contact      | Button key                    | Type of use             | Pack / Carton |
|-----------------------|----------------------|-------------------------------|-------------------------|---------------|
| <b>No. modules: 1</b> |                      |                               |                         |               |
| GW15913               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/12          |
| GW15916               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/12          |
| <b>No. modules: 2</b> |                      |                               |                         |               |
| GW15917               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/6           |
| GW15918               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/6           |

**CHARACTERISTICS:** push-button for BUS inputs, suitable for KNX BUS contact interface connections. Equipped with 2-colour (amber/green) LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).



GW 15 914

### DOUBLE SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                         | Button key | Symbol    | No. modules | Pack / Carton |
|---------|---|------------|-----------|-------------|---------------|
| GW15914 | Dual, potential-free and with interlock | Neutral    | UP - DOWN | 1           | 1/12          |

**CHARACTERISTICS:** double push-button suitable for connecting KNX BUS contact interfaces or electronic control panels for moving roller shutters.

## BLANKING MODULES AND CABLE OUTLET



GW 15 195

### BLANKING MODULES

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW15198 | 2 modules   | 2           | 1/48          |
| GW15199 | 3 modules   | 3           | 1/48          |



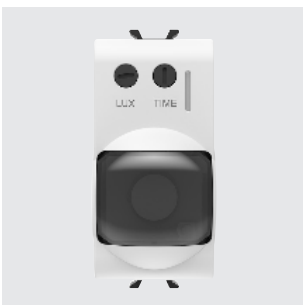
GW 15 194

### CABLE OUTLETS

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW15196 | 1 module    | 1           | 1/48          |

**NOTES:** GW15196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.  
GW15194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

## MOVEMENT DETECTORS



GW 15 594

### MOVEMENT DETECTOR

| Code    | Supply voltage     | Output contacts        | Pack / Carton |
|---------|--------------------|------------------------|---------------|
| GW15594 | 230V ac - 50/60 Hz | 1NO 3 A (AC1) 230 V ac | 1/4           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited.  
Suitable for commanding halogen lamps/resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA, LED loads: 60 W (max. 10 lamps).

Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.

**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through.

Comfort and safety: automatic command of circuits without needing to activate one-way switches.

**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly. Detection beam angle 120°, depth of detection max 8 metres.



GW 10 595

### CEILING-MOUNTED PRESENCE DETECTOR

| Code    | Supply voltage          | Installation height (m) | Light sensor   | Dimensions HxØ (mm) | Pack / Carton |
|---------|-------------------------|-------------------------|----------------|---------------------|---------------|
| GW10595 | 220/240 V ac - 50/60 Hz | From 2,2 to 6           | < 3 ÷ 2000 Lux | 44x111,5            | 1             |

**CHARACTERISTICS:** presence sensor, sensing range: 360° circle (max. diameter 18 metres); installable with fixing springs on a surface-mounted or recessed box. Suitable for the control of incandescent/halogen lamps: 1000W, LED lamps: 200W (4 / 23 W - max. 8 lamps).

**NOTE:** equipped with a surface-mount box capable of holding sensors from IP20 to IP44.

## RELAY



GW15 724

### RELAY - 230V AC 50/60HZ

| Code                  | Type             | No. of poles | Output contacts                 | Coil               | Pack / Carton |
|-----------------------|------------------|--------------|---------------------------------|--------------------|---------------|
| <b>No. modules: 1</b> |                  |              |                                 |                    |               |
| GW15721               | Latching relay   | 1P           | 10 AX 250V ac                   | 230V ac - 50/60 Hz | 1/12          |
| GW15724               | Monostable relay | 1P           | 1NO/NC 10A(AC1)/2A(AC15)250V ac | 230V ac - 50/60 Hz | 1/12          |

**CHARACTERISTICS:** GW15721 suitable for commanding incandescent/halogen lamps: 1000 W, fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W.

**APPLICATIONS:** GW15721 command of lighting devices from more than one point, by means of remote NO push-buttons.

GW15721 motor function/stop commands (extractors, air agitators, etc.).

GW15724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.



GW15 726

### CALL RELAY - 12V AC/DC

| Code    | Supply voltage | No. of poles | Output contacts       | No. modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|-------------|---------------|
| GW15726 | 12V ac/dc      | 1P           | 1NO/NC 12 V (max. 1A) | 1           | 1/12          |

**CHARACTERISTICS:** inlets for remote NO push-buttons for alarms (e.g. GW15136) and alarm reset (e.g. GW15145). green LED for alarm status signalling.

## HOTEL COMPONENTS - SATIN WHITE VERSION

### BADGE SWITCH



GW15 039

### BADGE SWITCH

| Code    | Description               | For badge card max. width | Rated power of 230V LED lamps | No. modules | Pack / Carton |
|---------|---------------------------|---------------------------|-------------------------------|-------------|---------------|
| GW15039 | 1P NO - 16 AX illuminable | 54 mm                     | 200 W                         | 2           | 1/6           |

**CHARACTERISTICS:** the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

**NOTES:** badges not included. The article uses LED signalling units, not included.

### INDICATOR LIGHT DEVICE



GW15 736

### DOUBLE INDICATOR LAMP

| Code    | Diffuser colour | Symbol  | No. modules | Pack / Carton |
|---------|-----------------|---------|-------------|---------------|
| GW15736 | Opal diffuser   | DND+MUR | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units not included.

## POWER - SATIN WHITE VERSION

### SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

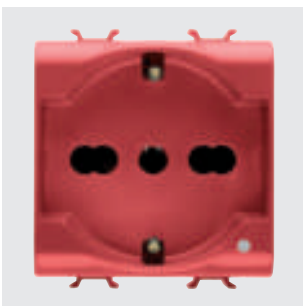


GW 10 213

#### ITALIAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-----------|---------------------------|--------|-----------------|---------------|-------------|---------------|
| GW10213DY | 2P+E - 16 A Dual amperage | Red    | P11-P17         | Ø 4 / 5 mm    | 1           | 20/320        |

**CHARACTERISTICS:** with safety shields.



GW 10 214

#### ITALIAN/GERMAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

| Code      | Description                           | Colour | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------------------|--------|-----------------|------------------|-------------|---------------|
| GW10214DY | 2P+E - 16 A Dual amperage illuminable | Red    | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

**CHARACTERISTICS:** with safety shields. Pit of side and central earth contacts. Pre-arranged for housing LED signalling units, not included.

**APPLICATIONS:** possibility to indicate presence of auxiliary network.

### SOCKET-OUTLETS - FRENCH STANDARD



GW 15 246

#### FRENCH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. modules | Pack / Carton |
|---------|-------------|---------------|-------------|---------------|
| GW15246 | 2P - 16A    | Ø 4 / 4.8 mm  | 2           | 1/24          |

**CHARACTERISTICS:** with safety shields.

### INTERLOCKED SWITCHED SOCKET-OUTLETS



GW 15 311

#### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-------------|---------------|
| GW15311 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 2           | 1/6           |
| GW15312 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 3           | 1/4           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.



GW 15 321

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-----------------|-------------|---------------|
| GW15321 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 10 mA           | 3           | 1/4           |
| GW15322 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 10 mA           | 4           | 1/2           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.

## SHAVER SOCKET-OUTLET



GW 15 331

### EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

| Code    | Supply voltage      | For plug pins        | Selectable output voltage | Maximum power | No. modules | Pack / Carton |
|---------|---------------------|----------------------|---------------------------|---------------|-------------|---------------|
| GW15331 | 230 V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120-230V ac               | 20 VA         | 3           | 1/2           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading.

The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.

The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting boxes or free-standing containers.

## DATA - SATIN WHITE VERSION

### TV-SAT SOCKETS



GW 15 361

### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW15361 | Direct         | 0 dB        | 1           | 1/48          |
| GW15362 | Through wiring | 5 dB        | 1           | 1/24          |
| GW15363 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW15361 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV 5dB GW15362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load. (TV, VCR, SAT receiver or 75-Ohm termination)



GW 15 371

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW15371 | Direct         | 0 dB        | 1           | 1/48          |
| GW15372 | Through wiring | 5 dB        | 1           | 1/24          |
| GW15373 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW15371 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW15372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 15 382

## TV-FM-SAT SOCKETS

| Code    | Connectors | Description | Attenuation | No. modules | Pack / Carton |
|---------|------------|-------------|-------------|-------------|---------------|
| GW15381 | TV-FM      | Direct      | 0 dB        | 2           | 1/24          |
| GW15382 | TV-FM-SAT  | Direct      | 0 dB        | 2           | 1/24          |
| GW15383 | TV-SAT     | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** TV-FM direct co-axial socket-outlet GW15381: male IEC-type TV connector  $\varnothing$  9.5mm, female IEC-type FM connector  $\varnothing$  9.5mm.

TV-FM-SAT direct co-axial socket-outlet GW15382: male IEC-type TV connector  $\varnothing$  9.5mm, female IEC-type FM connector  $\varnothing$  9.5mm, female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW15383: male IEC-type TV connector  $\varnothing$  9.5mm, female F-type SAT connector.

**NOTES:** demixed socket-outlets with input for co-axial cable  $\varnothing$  5mm or 7mm.



GW 15 367

## COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR $\varnothing$ 9.5MM

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW15367 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 15 377

## COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW15377 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 15 386

## COVERS FOR TV-SAT-R ANTENNA SOCKETS

| Code    | Description       | No. holes | Pack / Carton |
|---------|-------------------|-----------|---------------|
| GW15386 | For TV-R base     | 2         | 1/24          |
| GW15387 | For TV/R-SAT base | 2         | 1/24          |

**APPLICATIONS:** suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

**ACCESSORIES SUPPLIED:** fixing screws.



## TELEPHONE SOCKETS



GW 15 401

### RJ11 TELEPHONE SOCKETS

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW15401 | RJ11        | Screw-on terminals | 1           | 1/24          |

APPLICATIONS: telephone, telefax, modem.



GW 15 409

### RJ11 TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW15409 | RJ11        | Screw-on terminals | 2           | 1/24          |

APPLICATIONS: telephone, telefax, modem.



GW 15 406

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW15406 | 6 contacts  | Screw-on terminals | 1           | 1/24          |

## DATA SOCKETS



GW 15 421

### RJ45 SOCKETS

| Code    | Description | Number pairs | Use category | Cables | Connection | No. modules | Pack / Carton |
|---------|-------------|--------------|--------------|--------|------------|-------------|---------------|
| GW15421 | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 1/24          |
| GW15422 | RJ45        | 4            | 5e           | FTP    | Toolless   | 1           | 1/24          |
| GW15423 | RJ45        | 4            | 6            | UTP    | Toolless   | 1           | 1/24          |
| GW15424 | RJ45        | 4            | 6            | FTP    | Toolless   | 1           | 1/24          |

APPLICATIONS: LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e; LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

NOTES: circuit identification label included.



GW 15 431

## ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. modules | Pack / Carton |
|---------|---------------------|-------------|---------------|
| GW15431 | AMP / Keystone Jack | 1           | 1/48          |
| GW15438 | SYSTIMAX COMMSCOPE  | 1           | 1/48          |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the GEWISS adapter.

## AUDIO AND VIDEO SOCKETS



GW 15 453

### AUDIO AND VIDEO SOCKETS

| Code    | Description     | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW15453 | Double RCA      | 1           | 1/24          |
| GW15454 | For loudspeaker | 1           | 1/24          |
| GW15458 | Speaker socket  | 1           | 1/24          |

**CHARACTERISTICS:** GW15453 double RCA stud connector, red and white, weld-in connection.

GW15454 welding connection. GW15458 front access terminals for inserting 1.5 mm<sup>2</sup> rigid wires, insulator punching rear connection suitable for cables AWG24 or max 0.25mm<sup>2</sup>.

## USB AND HDMI COUPLERS AND SOCKETS



GW 15 459

### USB SOCKETS

| Code    | Description       | No. modules | Pack / Carton |
|---------|-------------------|-------------|---------------|
| GW15459 | USB socket-outlet | 1           | 1/24          |

**CHARACTERISTICS:** A-type USB 2.0 female connector, with screw terminals on the back.



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (Chorus, System, Playbus and Dahlia) with Keystone Jack type coupling and permutation panels.

## USB CHARGERS



GW 15 449

### USB POWER SUPPLY FOR ELECTRONIC DEVICES

| Code    | Supply voltage            | Output voltage | Max current supplied | Type of port | No. modules | Pack / Carton |
|---------|---------------------------|----------------|----------------------|--------------|-------------|---------------|
| GW15449 | 100 ÷ 240 V ac - 50/60 Hz | 5V dc          | 3 A                  | A+C          | 1           | 1/10          |

**CHARACTERISTICS:** suitable for recharging a single electronic device (e.g. tablet) or two devices simultaneously (e.g. a tablet and smartphone). The division of the current delivered to the two outputs depends on the state of charge of the connected devices.

## PROTECTION - SATIN WHITE VERSION

### MINIATURE CIRCUIT BREAKERS



GW 15 463

### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code    | Description      | Rated current (A) | Breaking capacity | No. modules | Pack / Carton |
|---------|------------------|-------------------|-------------------|-------------|---------------|
| GW15461 | Single pole (1P) | 6                 | 3 kA              | 1           | 1/12          |
| GW15462 | Single pole (1P) | 10                | 3 kA              | 1           | 1/12          |
| GW15463 | Single pole (1P) | 16                | 3 kA              | 1           | 1/12          |
| GW15466 | Two-pole (1P+N)  | 6                 | 3 kA              | 1           | 1/12          |
| GW15467 | Two-pole (1P+N)  | 10                | 3 kA              | 1           | 1/12          |
| GW15468 | Two-pole (1P+N)  | 16                | 3 kA              | 1           | 1/12          |



GW 15 488

### RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ

| Code    | Description     | Rated current (A) | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-----------------|-------------------|-------------------|-----------------|-------------|---------------|
| GW15482 | Two-pole (1P+N) | 6                 | 3 kA              | 10 mA           | 2           | 1/6           |
| GW15483 | Two-pole (1P+N) | 6                 | 3 kA              | 30 mA           | 2           | 1/6           |
| GW15485 | Two-pole (1P+N) | 10                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW15486 | Two-pole (1P+N) | 10                | 3 kA              | 30 mA           | 2           | 1/6           |
| GW15488 | Two-pole (1P+N) | 16                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW15489 | Two-pole (1P+N) | 16                | 3 kA              | 30 mA           | 2           | 1/6           |

## PROTECTION DEVICES



GW 15 491

### FUSE HOLDER - 250V AC

| Code    | Rated current (A) | Fuse type   | No. modules | Pack / Carton |
|---------|-------------------|-------------|-------------|---------------|
| GW15491 | 16                | Ø 6.3x32 mm | 1           | 1/12          |

**CHARACTERISTICS:** fuse not included.



GW 15 492

## SURGE PROTECTION DEVICE - 230V AC

| Code    | Uc               | Up   | No. modules | Pack / Carton |
|---------|------------------|------|-------------|---------------|
| GW15492 | 275 V ac 50/60Hz | 1 kV | 1           | 1/12          |

**CHARACTERISTICS:** green LED for status signalling.

**APPLICATIONS:** protection of electronic devices (TV, HI-FI, computer, etc.) from overvoltage (resulting from atmospheric conditions or manoeuvres) that could be channelled from the power supply lines.

## INDICATOR - SATIN WHITE VERSION

### INDICATOR LIGHT DEVICES



GW 15 622

#### SINGLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | Colour meaning | No. modules | Pack / Carton |
|---------|-----------------|----------------|-------------|---------------|
| GW15621 | Opal diffuser   | Neutral        | 1           | 1/24          |
| GW15622 | Green           | Safety         | 1           | 1/24          |
| GW15623 | Red             | Danger         | 1           | 1/24          |
| GW15624 | Amber           | Attention      | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 15 629

#### DOUBLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW15628 | Opal diffuser   | 1           | 1/24          |
| GW15629 | Red/green       | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 15 633

#### PROTRUDING INDICATOR LAMPS - 2 MODULES

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW15631 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW15632 | 12V ac/dc - 230V ac 50/60 Hz | Green           | White LED | 2           | 1/24          |
| GW15633 | 12V ac/dc - 230V ac 50/60 Hz | Red             | White LED | 2           | 1/24          |
| GW15634 | 12V ac/dc - 230V ac 50/60 Hz | Amber           | White LED | 2           | 1/24          |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

**APPLICATIONS:** suitable for special applications such as the signalling of calls from hospital wards.

**NOTES:** complete with lamp.



GW 15 656

### STAIR RISER LAMP

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW15651 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW15656 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 4           | 1/2           |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

## ANTI BLACK-OUT AND EMERGENCY LAMPS



GW 15 662

### ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW15662 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 1           | 1/12          |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.



GW 15 663

### AUTONOMOUS EMERGENCY LAMPS

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW15663 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 2           | 1/6           |
| GW15666 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 4           | 1/2           |

**CHARACTERISTICS:** green mains presence signal LED. Highly efficient, white LED lamps.

**APPLICATIONS:** compliant with standards EN60598-2-22.

## ACOUSTIC SIGNALLING DEVICES



GW 15 601

### RINGERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW15601 | 12V ac - 50 Hz  | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |
| GW15602 | 230V ac - 50 Hz | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 15 606

## BUZZERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW15606 | 12V ac - 50 Hz  | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |
| GW15607 | 230V ac - 50 Hz | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 15 611

## THREE TONE RINGER AND THREE INDEPENDENT INPUTS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW15611 | 12V ac/dc       | 3 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |
| GW15612 | 230V ac - 50 Hz | 6 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - SATIN WHITE VERSION

### TEMPERATURE CONTROL DEVICES



GW 15 705

## THERMOSTAT

| Code    | Supply voltage      | Temperature adjustment | Output contacts          | No. modules | Pack / Carton |
|---------|---------------------|------------------------|--------------------------|-------------|---------------|
| GW15705 | 230 V ac - 50/60 Hz | From +5°C to +35°C     | 1NO / NC 8A(AC1) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).

Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates mains presence.

### DIMMER



GW 15 575

## UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code    | Supply voltage  | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW15575 | 230V ac - 50 Hz | 1           | 1/12          |

**CHARACTERISTICS:** suitable for dimming incandescent and halogen lamps 230 V ac (10-160 W); low-voltage halogen lamps (12 V ac) with electronic transformers (10-160 W) and LED lamps 230 V ac (4-160W), rotary control with 2-way switch. Equipped with amber-colour-red signalling LED. Can be operated without neutral connection.

**NOTES:** the installation of more than one dimmer side-by-side in a single container is not permitted. To avoid overheating, insert a blanking module between two dimmers. If installing two dimmers in the same box, the maximum loads that can be controlled by each dimmer must be reduced by 50%.



GW 15 564

### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage      | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------------|-------------|---------------|
| GW15564 | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 1/12          |
| GW15567 | 230 V ac - 50/60 Hz | 100 - 500 W            | 100 - 500 VA           | 1           | 1/12          |

**CHARACTERISTICS:** with signalling led orange. GW15567 rotary command with two-way switch.

GW15564 compliance with the EMC directive is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact GEWISS Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW 15 572 A

### UNIVERSAL ELECTRONIC REGULATORS WITH PUSH-BUTTON

| Code     | Supply voltage     | No. modules | Pack / Carton |
|----------|--------------------|-------------|---------------|
| GW15572A | 230V ac - 50/60 Hz | 1           | 1/12          |
| GW15573A | 230V ac - 50/60 Hz | 2           | 1/6           |

**CHARACTERISTICS:** for the regulation and switching of incandescent and halogen lamps 230V AC (40-300W), low voltage halogen and LED lamps with electronic and winding transformers (40-300W), LED lamps 230V AC with dimmer function (5-150W). Manual selection of the type of load (Leading Edge or Trailing Edge piloting), soft-start function for lamp protection. Possibility to command and regulate from remote control push-buttons with NO contacts. Equipped with orange signalling LED.

**NOTES:** to avoid overheating, the side-by-side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If two regulators are installed in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW 15 568

### ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage  | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|---------|-----------------|------------------------|------------------------|-------------|---------------|
| GW15568 | 230V ac - 50 Hz | 60 - 500 W             | 60 - 500 VA            | 1           | 1/12          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

## TECHNICAL ALARMS - SATIN WHITE VERSION

### GAS DETECTORS



GW 10 720

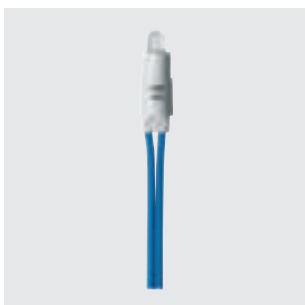
### POWER SUPPLY UNIT 12VDC

| Code    | Supply voltage            | Output voltage | Max current supplied | Dimensions LxHxD (mm) | Pack / Carton |
|---------|---------------------------|----------------|----------------------|-----------------------|---------------|
| GW10720 | 100 ÷ 240 V ac - 50/60 Hz | 12V dc         | 300 mA               | 52x33x17              | 1/10          |

**APPLICATIONS:** to be used for powering LPG detectors (GW1x711, GW2x868, GW30520), methane detectors (GW1x712, GW2x867, GW30519); Thermo ICE KNX (GW16974CB, GW16974CL, GW16974CN, GW16974CT) thermostats.

## ACCESSORIES

### SIGNALLING UNITS



GW 10 881

#### LED SIGNALLING UNITS - 230V AC - 0.6 W

| Code             | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|---------------------|------------|------|---------------|--------------|---------------|
| <b>GW10881DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| <b>GW10882DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



GW 10 894

#### LED SIGNALLING UNITS - 12-24V AC/DC - 0.6 W

| Code             | Lamp voltage | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|--------------|------------|------|---------------|--------------|---------------|
| <b>GW10894DY</b> | 12-24V ac/dc | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).





# ChoruSmart



Scan the QR Code and find out all the technical informations.

## INNOVATIVE



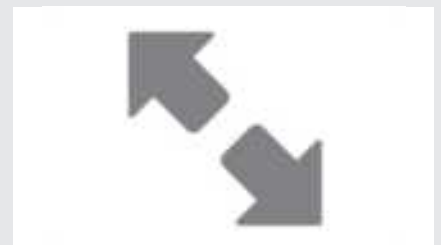
ChoruSmart offers the best technologies for an aesthetic and functional experience suitable for every person. In particular, the new EVO axial and touch controls offer the ability to centralize the management of lights and shutters with an extremely simplified installation.

## AESTHETIC VARIABILITY



The wide range of options for customising the devices, in terms of colour and modularity, ensures a vast choice of solutions. Six colourways are available: three with a satin finish and three with a glossy finish, for a perfect match between the devices and the plate.

## SCALABLE

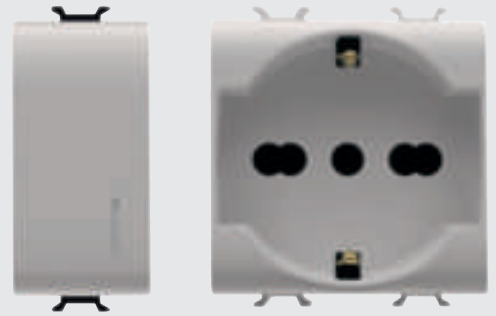


ChoruSmart began as a traditional domestic series, but with the addition of a few Connected Smart Home or Home&Building Pro elements, it can become smart and suitable for both renovations and new buildings. The combination of colours, materials, finishes and shapes offers something for every taste and need.

# ChoruSmart

## Satin natural beige modular devices

The ChoruSmart modular devices make it possible to create infinite combination between devices and plates, thanks to a complete range that is able to satisfy all design, functional and installation requirements. Colors and finishes: natural satin beige, warm and enveloping. Unlimited functions in reduced spaces: the ChoruSmart range consists of rocker button keys with 1/2, 1 and 2 modules, to optimise space as needed, and axial keys in EVO or SMART version, to satisfy even the most modern needs. Front coupling: the front coupling makes the component assembly and release operations simple and quick, enabling these to be completed without removing the support, unique for all the plates and fruits.



## COMMAND - NATURAL SATIN BEIGE VERSION

### COMMAND DEVICES - ROCKERS - SCREW TERMINALS



GW13 004

#### ONE-WAY SWITCHES 2P - 250V AC

| Code                  | Description | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|--------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |        |                               |               |
| GW13006               | 2P - 10AX   | With key   | 0/1    | 100 W                         | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW13006 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW13 051

#### TWO-WAY SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW13054               | 1P - 10AX   | With key   | 100 W                         | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW13054 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW13 131

#### PUSH-BUTTONS 1P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW13136               | 1P NO - 16A | Pull-cord  | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

GW13136 Cord in insulating material, 140cm long, with red knob.

GW13140 Button with mechanical interlock. Both contacts are open in the central position (OFF); advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.).

GW13141 independent push-buttons that can also be activated simultaneously.



GW13 134

#### PUSH-BUTTONS 2P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW13145               | 2P NO - 10A | With key   | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

GW13136 Cord in insulating material, 140cm long, with red knob.

GW13140 Button with mechanical interlock. Both contacts are open in the central position (OFF); advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.).

GW13141 independent push-buttons that can also be activated simultaneously.

## SOFT-CLICK, ROCKER ELECTRONIC PUSH BUTTONS



GW 13 915

### UNIVERSAL SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                                   | Button key | Type of use                            | No. modules | Pack / Carton |
|---------|---|------------|--|-------------|---------------|
| GW13915 | 1NO/NC 4A (AC1) 230 V ac - Potential-free Neutral |            | Relay, dimmer, bus contacts interfaces | 1           | 1/12          |

**CHARACTERISTICS:** push-button suitable for connection of KNX BUS contacts interfaces, or the command of bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input.



GW 13 912

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Supply voltage      | Type of contact       | Button key    | Type of use   | Pack / Carton |
|---------|---------------------|-----------------------|---------------|---------------|---------------|
| GW13912 | 230 V ac - 50/60 Hz | 1NO 4A (AC1) 230 V ac | With diffuser | Relay, dimmer | 1/12          |

**CHARACTERISTICS:** push-button for controlling latching relays, electronic switches for heavy duty loads, or dimmers with a remote control input. Equipped with amber localisation LED.



GW 13 913

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTONS FOR BUS INPUTS

| Code                  | Type of contact      | Button key                    | Type of use             | Pack / Carton |
|-----------------------|----------------------|-------------------------------|-------------------------|---------------|
| <b>No. modules: 1</b> |                      |                               |                         |               |
| GW13913               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/12          |
| GW13916               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/12          |
| <b>No. modules: 2</b> |                      |                               |                         |               |
| GW13917               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/6           |
| GW13918               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/6           |

**CHARACTERISTICS:** push-button for BUS inputs, suitable for KNX BUS contact interface connections. Equipped with 2-colour (amber/green) LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).



GW 13 914

### DOUBLE SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                         | Button key | Symbol    | No. modules | Pack / Carton |
|---------|---|------------|-----------|-------------|---------------|
| GW13914 | Dual, potential-free and with interlock | Neutral    | UP - DOWN | 1           | 1/12          |

**CHARACTERISTICS:** double push-button suitable for connecting KNX BUS contact interfaces or electronic control panels for moving roller shutters.

## BLANKING MODULES AND CABLE OUTLET



GW 13 195

### BLANKING MODULES

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW13198 | 2 modules   | 2           | 1/48          |
| GW13199 | 3 modules   | 3           | 1/48          |



GW 13 194

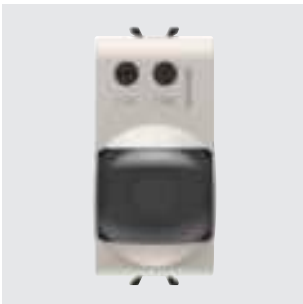
### CABLE OUTLETS

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW13196 | 1 module    | 1           | 1/48          |

**NOTES:** GW13196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.

GW13194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

## MOVEMENT DETECTORS



GW 13 594

### MOVEMENT DETECTOR

| Code    | Supply voltage     | Output contacts        | Pack / Carton |
|---------|--------------------|------------------------|---------------|
| GW13594 | 230V ac - 50/60 Hz | 1NO 3 A (AC1) 230 V ac | 1/4           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited.

Suitable for commanding halogen lamps/resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA, LED loads: 60 W (max. 10 lamps).

Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.

**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through.

Comfort and safety: automatic command of circuits without needing to activate one-way switches.

**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly. Detection beam angle 120°, depth of detection max 8 metres.



GW 10 595

### CEILING-MOUNTED PRESENCE DETECTOR

| Code    | Supply voltage          | Installation height (m) | Light sensor   | Dimensions HxØ (mm) | Pack / Carton |
|---------|-------------------------|-------------------------|----------------|---------------------|---------------|
| GW10595 | 220/240 V ac - 50/60 Hz | From 2,2 to 6           | < 3 ÷ 2000 Lux | 44x111,5            | 1             |

**CHARACTERISTICS:** presence sensor, sensing range: 360° circle (max. diameter 18 metres); installable with fixing springs on a surface-mounted or recessed box. Suitable for the control of incandescent/halogen lamps: 1000W, LED lamps: 200W (4 / 23 W - max. 8 lamps).

**NOTE:** equipped with a surface-mount box capable of holding sensors from IP20 to IP44.

## RELAY



GW13724

### RELAY - 230V AC 50/60HZ

| Code                  | Type             | No. of poles | Output contacts                 | Coil               | Pack / Carton |
|-----------------------|------------------|--------------|---------------------------------|--------------------|---------------|
| <b>No. modules: 1</b> |                  |              |                                 |                    |               |
| GW13721               | Latching relay   | 1P           | 10 AX 250V ac                   | 230V ac - 50/60 Hz | 1/12          |
| GW13724               | Monostable relay | 1P           | 1NO/NC 10A(AC1)/2A(AC15)250V ac | 230V ac - 50/60 Hz | 1/12          |

**CHARACTERISTICS:** GW13721 suitable for commanding incandescent/halogen lamps: 1000 W, fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W.

**APPLICATIONS:** GW13721, GW13723 command of lighting devices from more than one point, by means of remote NO push-buttons.

GW13721 motor function/stop commands (extractors, air agitators, etc.).

GW13724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.



GW13726

### CALL RELAY - 12V AC/DC

| Code    | Supply voltage | No. of poles | Output contacts       | No. modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|-------------|---------------|
| GW13726 | 12V ac/dc      | 1P           | 1NO/NC 12 V (max. 1A) | 1           | 1/12          |

**CHARACTERISTICS:** inlets for remote NO push-buttons for alarms (e.g. GW13136) and alarm reset (e.g. GW13145), green LED for alarm status signalling.

## HOTEL COMPONENTS - NATURAL SATIN BEIGE VERSION

### BADGE SWITCH



GW13039

### BADGE SWITCH

| Code    | Description               | For badge card max. width | Rated power of 230V LED lamps | No. modules | Pack / Carton |
|---------|---------------------------|---------------------------|-------------------------------|-------------|---------------|
| GW13039 | 1P NO - 16 AX illuminable | 54 mm                     | 200 W                         | 2           | 1/6           |

**CHARACTERISTICS:** the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

**NOTES:** badges not included. The article uses LED signalling units, not included.

### INDICATOR LIGHT DEVICE



GW13736

### DOUBLE INDICATOR LAMP

| Code    | Diffuser colour | Symbol  | No. modules | Pack / Carton |
|---------|-----------------|---------|-------------|---------------|
| GW13736 | Opal diffuser   | DND+MUR | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units not included.

## POWER - NATURAL SATIN BEIGE VERSION

### SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

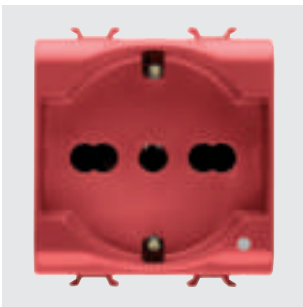


GW 10 213

#### ITALIAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-----------|---------------------------|--------|-----------------|---------------|-------------|---------------|
| GW10213DY | 2P+E - 16 A Dual amperage | Red    | P11-P17         | Ø 4 / 5 mm    | 1           | 20/320        |

**CHARACTERISTICS:** with safety shields.



GW 10 214

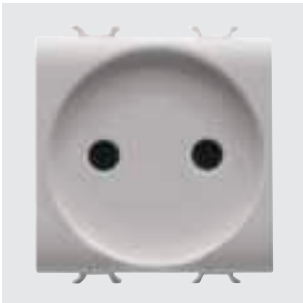
#### ITALIAN/GERMAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

| Code      | Description                           | Colour | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------------------|--------|-----------------|------------------|-------------|---------------|
| GW10214DY | 2P+E - 16 A Dual amperage illuminable | Red    | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

**CHARACTERISTICS:** with safety shields. Pit of side and central earth contacts. Pre-arranged for housing LED signalling units, not included.

**APPLICATIONS:** possibility to indicate presence of auxiliary network.

### SOCKET-OUTLETS - FRENCH STANDARD



GW 13 246

#### FRENCH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. modules | Pack / Carton |
|---------|-------------|---------------|-------------|---------------|
| GW13246 | 2P - 16A    | Ø 4 / 4.8 mm  | 2           | 1/24          |

**CHARACTERISTICS:** with safety shields.

### INTERLOCKED SWITCHED SOCKET-OUTLETS



GW 13 311

#### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-------------|---------------|
| GW13311 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 2           | 1/6           |
| GW13312 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 3           | 1/4           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.



GW 13 321

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-----------------|-------------|---------------|
| GW13321 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 10 mA           | 3           | 1/4           |
| GW13322 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 10 mA           | 4           | 1/2           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.

## SHAVER SOCKET-OUTLET



GW 13 331

### EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

| Code    | Supply voltage      | For plug pins        | Selectable output voltage | Maximum power | No. modules | Pack / Carton |
|---------|---------------------|----------------------|---------------------------|---------------|-------------|---------------|
| GW13331 | 230 V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120-230V ac               | 20 VA         | 3           | 1/2           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading.

The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.

The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting boxes or free-standing containers.

## DATA - NATURAL SATIN BEIGE VERSION

### TV-SAT SOCKETS



GW 13 361

### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW13361 | Direct         | 0 dB        | 1           | 1/48          |
| GW13362 | Through wiring | 5 dB        | 1           | 1/24          |
| GW13363 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW13361 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV 5dB GW13362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load. (TV, VCR, SAT receiver or 75-Ohm termination)



GW 13 371

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW13371 | Direct         | 0 dB        | 1           | 1/48          |
| GW13372 | Through wiring | 5 dB        | 1           | 1/24          |
| GW13373 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW13371 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW13372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 13 382

## TV-FM-SAT SOCKETS

| Code    | Connectors | Description | Attenuation | No. modules | Pack / Carton |
|---------|------------|-------------|-------------|-------------|---------------|
| GW13381 | TV-FM      | Direct      | 0 dB        | 2           | 1/24          |
| GW13382 | TV-FM-SAT  | Direct      | 0 dB        | 2           | 1/24          |
| GW13383 | TV-SAT     | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** TV-FM direct co-axial socket-outlet GW13381: male IEC-type TV connector  $\varnothing$  9.5mm, female IEC-type FM connector  $\varnothing$  9.5mm.

TV-FM-SAT direct co-axial socket-outlet GW13382: male IEC-type TV connector  $\varnothing$  9.5mm, female IEC-type FM connector  $\varnothing$  9.5mm, female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW13383: male IEC-type TV connector  $\varnothing$  9.5mm, female F-type SAT connector.

**NOTES:** demixed socket-outlets with input for co-axial cable  $\varnothing$  5mm or 7mm.



GW 13 367

## COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR $\varnothing$ 9.5MM

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW13367 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 13 377

## COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW13377 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 13 386

## COVERS FOR TV-SAT-R ANTENNA SOCKETS

| Code    | Description       | No. holes | Pack / Carton |
|---------|-------------------|-----------|---------------|
| GW13386 | For TV-R base     | 2         | 1/24          |
| GW13387 | For TV/R-SAT base | 2         | 1/24          |

**APPLICATIONS:** suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

**ACCESSORIES SUPPLIED:** fixing screws.



## TELEPHONE SOCKETS



GW 13 401

### RJ11 TELEPHONE SOCKETS

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW13401 | RJ11        | Screw-on terminals | 1           | 1/24          |

**APPLICATIONS:** telephone, telefax, modem.



GW 13 409

### RJ11 TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW13409 | RJ11        | Screw-on terminals | 2           | 1/24          |

**APPLICATIONS:** telephone, telefax, modem.



GW 13 406

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW13406 | 6 contacts  | Screw-on terminals | 1           | 1/24          |

## DATA SOCKETS



GW 13 421

### RJ45 SOCKETS

| Code    | Description | Number pairs | Use category | Cables | Connection | No. modules | Pack / Carton |
|---------|-------------|--------------|--------------|--------|------------|-------------|---------------|
| GW13421 | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 1/24          |
| GW13422 | RJ45        | 4            | 5e           | FTP    | Toolless   | 1           | 1/24          |
| GW13423 | RJ45        | 4            | 6            | UTP    | Toolless   | 1           | 1/24          |
| GW13424 | RJ45        | 4            | 6            | FTP    | Toolless   | 1           | 1/24          |

**APPLICATIONS:** LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e; LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

**NOTES:** circuit identification label included.



GW13 431

## ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. modules | Pack / Carton |
|---------|---------------------|-------------|---------------|
| GW13431 | AMP / Keystone Jack | 1           | 1/48          |
| GW13438 | SYSTIMAX COMMSCOPE  | 1           | 1/48          |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the GEWISS adapter.

## AUDIO AND VIDEO SOCKETS



GW13 453

### AUDIO AND VIDEO SOCKETS

| Code    | Description     | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW13453 | Double RCA      | 1           | 1/24          |
| GW13454 | For loudspeaker | 1           | 1/24          |
| GW13458 | Speaker socket  | 1           | 1/24          |

**CHARACTERISTICS:** GW13453 double RCA stud connector, red and white, weld-in connection.

GW13454 welding connection. GW13458 front access terminals for inserting 1.5 mm<sup>2</sup> rigid wires, insulator punching rear connection suitable for cables AWG24 or max 0.25mm<sup>2</sup>.

## USB AND HDMI COUPLERS AND SOCKETS



GW13 459

### USB SOCKETS

| Code    | Description       | No. modules | Pack / Carton |
|---------|-------------------|-------------|---------------|
| GW13459 | USB socket-outlet | 1           | 1/24          |

**CHARACTERISTICS:** A-type USB 2.0 female connector, with screw terminals on the back.



GW38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (Chorus, System, Playbus and Dahlia) with Keystone Jack type coupling and permutation panels.

## USB CHARGER



GW13 449

### USB POWER SUPPLY FOR ELECTRONIC DEVICES

| Code    | Supply voltage            | Output voltage | Max current supplied | Type of port | No. modules | Pack / Carton |
|---------|---------------------------|----------------|----------------------|--------------|-------------|---------------|
| GW13449 | 100 ÷ 240 V ac - 50/60 Hz | 5V dc          | 3 A                  | A+C          | 1           | 1/10          |

**CHARACTERISTICS:** suitable for recharging a single electronic device (e.g. tablet) or two devices simultaneously (e.g. a tablet and smartphone). The division of the current delivered to the two outputs depends on the state of charge of the connected devices.

## PROTECTION - NATURAL SATIN BEIGE VERSION

### MINIATURE CIRCUIT BREAKERS



GW13 463

### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code    | Description      | Rated current (A) | Breaking capacity | No. modules | Pack / Carton |
|---------|------------------|-------------------|-------------------|-------------|---------------|
| GW13461 | Single pole (1P) | 6                 | 3 kA              | 1           | 1/12          |
| GW13462 | Single pole (1P) | 10                | 3 kA              | 1           | 1/12          |
| GW13463 | Single pole (1P) | 16                | 3 kA              | 1           | 1/12          |
| GW13466 | Two-pole (1P+N)  | 6                 | 3 kA              | 1           | 1/12          |
| GW13467 | Two-pole (1P+N)  | 10                | 3 kA              | 1           | 1/12          |
| GW13468 | Two-pole (1P+N)  | 16                | 3 kA              | 1           | 1/12          |



GW13 488

### RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ

| Code    | Description     | Rated current (A) | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-----------------|-------------------|-------------------|-----------------|-------------|---------------|
| GW13482 | Two-pole (1P+N) | 6                 | 3 kA              | 10 mA           | 2           | 1/6           |
| GW13483 | Two-pole (1P+N) | 6                 | 3 kA              | 30 mA           | 2           | 1/6           |
| GW13485 | Two-pole (1P+N) | 10                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW13486 | Two-pole (1P+N) | 10                | 3 kA              | 30 mA           | 2           | 1/6           |
| GW13488 | Two-pole (1P+N) | 16                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW13489 | Two-pole (1P+N) | 16                | 3 kA              | 30 mA           | 2           | 1/6           |

## PROTECTION DEVICES



GW13 491

### FUSE HOLDER - 250V AC

| Code    | Rated current (A) | Fuse type   | No. modules | Pack / Carton |
|---------|-------------------|-------------|-------------|---------------|
| GW13491 | 16                | Ø 6.3x32 mm | 1           | 1/12          |

**CHARACTERISTICS:** fuse not included.



GW 13 492

## SURGE PROTECTION DEVICE - 230V AC

| Code    | Uc               | Up   | No. modules | Pack / Carton |
|---------|------------------|------|-------------|---------------|
| GW13492 | 275 V ac 50/60Hz | 1 kV | 1           | 1/12          |

**CHARACTERISTICS:** green LED for status signalling.

**APPLICATIONS:** protection of electronic devices (TV, HI-FI, computer, etc.) from overvoltage (resulting from atmospheric conditions or manoeuvres) that could be channelled from the power supply lines.

## INDICATOR - NATURAL SATIN BEIGE VERSION

### INDICATOR LIGHT DEVICES



GW 13 622

#### SINGLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | Colour meaning | No. modules | Pack / Carton |
|---------|-----------------|----------------|-------------|---------------|
| GW13621 | Opal diffuser   | Neutral        | 1           | 1/24          |
| GW13622 | Green           | Safety         | 1           | 1/24          |
| GW13623 | Red             | Danger         | 1           | 1/24          |
| GW13624 | Amber           | Attention      | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 13 629

#### DOUBLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW13628 | Opal diffuser   | 1           | 1/24          |
| GW13629 | Red/green       | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 13 633

#### PROTRUDING INDICATOR LAMPS - 2 MODULES

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW13631 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW13632 | 12V ac/dc - 230V ac 50/60 Hz | Green           | White LED | 2           | 1/24          |
| GW13633 | 12V ac/dc - 230V ac 50/60 Hz | Red             | White LED | 2           | 1/24          |
| GW13634 | 12V ac/dc - 230V ac 50/60 Hz | Amber           | White LED | 2           | 1/24          |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

**APPLICATIONS:** suitable for special applications such as the signalling of calls from hospital wards.

**NOTES:** complete with lamp.



GW 13 656

### STAIR RISER LAMP

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW13651 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW13656 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 4           | 1/2           |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

## ANTI BLACK-OUT AND EMERGENCY LAMPS



GW 13 661

### EXTRACTABLE ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp | Pack / Carton |
|---------|---------------------|------------------------|------------------|------|---------------|
| GW13661 | 230 V ac - 50/60 Hz | Ni - Mh                | 2 h              | LED  | 1/6           |

**CHARACTERISTICS:** equipped with a 3-position selector on the front panel, for anti black-out inhibition and night functioning. To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.



GW 13 662

### ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW13662 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 1           | 1/12          |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.



GW 13 663

### AUTONOMOUS EMERGENCY LAMPS

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW13663 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 2           | 1/6           |
| GW13666 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 4           | 1/2           |

**CHARACTERISTICS:** green mains presence signal LED. Highly efficient, white LED lamps.

**APPLICATIONS:** compliant with standards EN60598-2-22.

## ACOUSTIC SIGNALLING DEVICES



GW13 601

### RINGERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW13601 | 12V ac - 50 Hz  | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |
| GW13602 | 230V ac - 50 Hz | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW13 606

### BUZZERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW13606 | 12V ac - 50 Hz  | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |
| GW13607 | 230V ac - 50 Hz | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW13 611

### THREE TONE RINGER AND THREE INDEPENDENT INPUTS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW13611 | 12V ac/dc       | 3 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |
| GW13612 | 230V ac - 50 Hz | 6 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - NATURAL SATIN BEIGE VERSION

### TEMPERATURE CONTROL DEVICES



GW13 705

### THERMOSTAT

| Code    | Supply voltage      | Temperature adjustment | Output contacts          | No. modules | Pack / Carton |
|---------|---------------------|------------------------|--------------------------|-------------|---------------|
| GW13705 | 230 V ac - 50/60 Hz | From +5°C to +35°C     | 1NO / NC 8A(AC1) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).

Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates mains presence.

## DIMMER



GW13575

### UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code    | Supply voltage  | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW13575 | 230V ac - 50 Hz | 1           | 1/12          |

**CHARACTERISTICS:** suitable for dimming incandescent and halogen lamps 230 V ac (10-160 W); low-voltage halogen lamps (12 V ac) with electronic transformers (10-160 W) and LED lamps 230 V ac (4-160W), rotary control with 2-way switch. Equipped with amber-colour-red signalling LED. Can be operated without neutral connection.

**NOTES:** the installation of more than one dimmer side-by-side in a single container is not permitted. To avoid overheating, insert a blanking module between two dimmers. If installing two dimmers in the same box, the maximum loads that can be controlled by each dimmer must be reduced by 50%.



GW13564

### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage      | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------------|-------------|---------------|
| GW13564 | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 1/12          |
| GW13567 | 230 V ac - 50/60 Hz | 100 - 500 W            | 100 - 500 VA           | 1           | 1/12          |

**CHARACTERISTICS:** with signalling led orange. GW13567 rotary command with two-way switch.

GW13564 compliance with the EMC directive is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact GEWISS Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW13572 A

### UNIVERSAL ELECTRONIC REGULATORS WITH PUSH-BUTTON

| Code     | Supply voltage     | No. modules | Pack / Carton |
|----------|--------------------|-------------|---------------|
| GW13572A | 230V ac - 50/60 Hz | 1           | 1/12          |
| GW13573A | 230V ac - 50/60 Hz | 2           | 1/6           |

**CHARACTERISTICS:** for the regulation and switching of incandescent and halogen lamps 230V AC (40-300W), low voltage halogen and LED lamps with electronic and winding transformers (40-300W), LED lamps 230V AC with dimmer function (5-150W). Manual selection of the type of load (Leading Edge or Trailing Edge piloting), soft-start function for lamp protection. Possibility to command and regulate from remote control push-buttons with NO contacts. Equipped with orange signalling LED.

**NOTES:** to avoid overheating, the side-by-side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If two regulators are installed in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW13568

### ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage  | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|---------|-----------------|------------------------|------------------------|-------------|---------------|
| GW13568 | 230V ac - 50 Hz | 60 - 500 W             | 60 - 500 VA            | 1           | 1/12          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

## TECHNICAL ALARMS - NATURAL SATIN BEIGE VERSION

### GAS DETECTORS



GW 10 720

#### POWER SUPPLY UNIT 12VDC

| Code    | Supply voltage            | Output voltage | Max current supplied | Dimensions LxHxD (mm) | Pack / Carton |
|---------|---------------------------|----------------|----------------------|-----------------------|---------------|
| GW10720 | 100 ÷ 240 V ac - 50/60 Hz | 12V dc         | 300 mA               | 52x33x17              | 1/10          |

**APPLICATIONS:** to be used for powering LPG detectors (GW1x711, GW2x868, GW30520), methane detectors (GW1x712, GW2x867, GW30519); Thermo ICE KNX (GW16974CB, GW16974CL, GW16974CN, GW16974CT) thermostats.

### ACCESSORIES

#### SIGNALLING UNITS



GW 10 881

#### LED SIGNALLING UNITS - 230V AC - 0.6 W

| Code      | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|-----------|---------------------|------------|------|---------------|--------------|---------------|
| GW10881DY | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| GW10882DY | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



GW 10 894

#### LED SIGNALLING UNITS - 12-24V AC/DC - 0.6 W

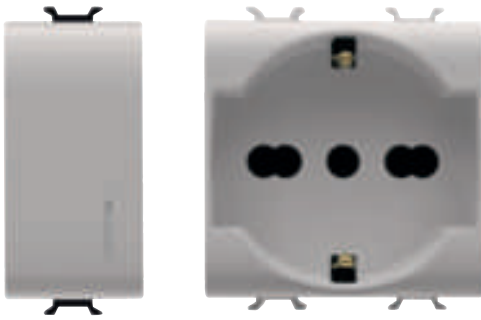
| Code      | Lamp voltage | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|-----------|--------------|------------|------|---------------|--------------|---------------|
| GW10894DY | 12-24V ac/dc | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).





# ChoruSmart



Scan the QR Code and find out all the technical informations.

## INNOVATIVE



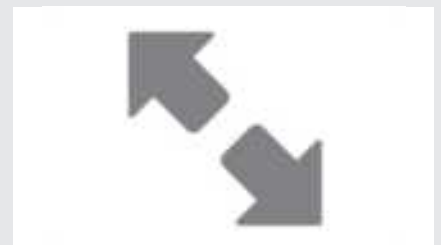
ChoruSmart offers the best technologies for an aesthetic and functional experience suitable for every person. In particular, the new EVO axial and touch controls offer the ability to centralize the management of lights and shutters with an extremely simplified installation.

## AESTHETIC VARIABILITY



The wide range of options for customising the devices, in terms of colour and modularity, ensures a vast choice of solutions. Six colourways are available: three with a satin finish and three with a glossy finish, for a perfect match between the devices and the plate.

## SCALABLE



ChoruSmart began as a traditional domestic series, but with the addition of a few Connected Smart Home or Home&Building Pro elements, it can become smart and suitable for both renovations and new buildings. The combination of colours, materials, finishes and shapes offers something for every taste and need.

# ChoruSmart

## Black modular devices

The ChoruSmart modular devices make it possible to create infinite combination between devices and plates, thanks to a complete range that is able to satisfy all design, functional and installation requirements. Colors and finishes: satin black, elegant and classy. Unlimited functions in reduced spaces: the ChoruSmart range consists of rocker button keys with 1/2, 1 and 2 modules, to optimise space as needed, and axial keys in EVO or SMART version, to satisfy even the most modern needs. Front coupling: the front coupling makes the component assembly and release operations simple and quick, enabling these to be completed without removing the support, unique for all the plates and fruits.



## COMMAND - SATIN BLACK VERSION

### COMMAND DEVICES - ROCKERS - SCREW TERMINALS



GW 12 001

#### ONE-WAY SWITCHES 1P - 250V AC

| Code                    | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-------------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b>   |             |            |                               |               |
| GW12001DY01             | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |
| <b>No. modules: 1/2</b> |             |            |                               |               |
| GW12021DY               | 1P - 10AX   | Neutral    | 100 W                         | 20/160        |
| <b>No. modules: 2</b>   |             |            |                               |               |
| GW12031DY               | 1P - 16AX   | Neutral    | 200 W                         | 10/60         |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.



GW 12 004

#### ONE-WAY SWITCHES 2P - 250V AC

| Code                  | Description | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|--------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |        |                               |               |
| GW12004DY             | 2P - 16 AX  | Neutral    | 0/1    | 200 W                         | 20/320        |
| GW12006               | 2P - 10AX   | With key   | 0/1    | 100 W                         | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW12006 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW 12 051

#### TWO-WAY SWITCHES 1P - 250V AC

| Code                    | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-------------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b>   |             |            |                               |               |
| GW12051DY01             | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |
| GW12054                 | 1P - 10AX   | With key   | 100 W                         | 1/12          |
| <b>No. modules: 1/2</b> |             |            |                               |               |
| GW12061DY               | 1P - 10AX   | Neutral    | 100 W                         | 20/160        |
| <b>No. modules: 2</b>   |             |            |                               |               |
| GW12071DY               | 1P - 16AX   | Neutral    | 200 W                         | 20/120        |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW12054 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW 12 091

#### INTERMEDIATE SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW12091DY01           | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.



GW 12 121

### THREE-WAY SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Symbol    | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-----------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |           |                               |               |
| GW12121DY             | 1P - 10AX   | Neutral    | UP - DOWN | 100 W                         | 20/320        |

**CHARACTERISTICS:** three standing positions. Both contacts are open in the central position (OFF).

**APPLICATIONS:** command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal). 2-user selective control.



GW 12 131

### PUSH-BUTTONS 1P - 250V AC

| Code                    | Description     | Button key | Symbol | Pack / Carton |
|-------------------------|-----------------|------------|--------|---------------|
| <b>No. modules: 1</b>   |                 |            |        |               |
| GW12131DY01             | 1P NO - 16A     | Neutral    | -      | 10/100        |
| GW12136                 | 1P NO - 16A     | Pull-cord  | -      | 1/12          |
| GW12141DY               | 1P NO+NO - 16 A | Double     | -      | 20/320        |
| <b>No. modules: 1/2</b> |                 |            |        |               |
| GW12161DY               | 1P NO - 10A     | Neutral    | -      | 20/160        |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

GW12136 Cord in insulating material, 140cm long, with red knob.

GW12140 Button with mechanical interlock. Both contacts are open in the central position (OFF); advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.).

GW12141 independent push-buttons that can also be activated simultaneously.



GW 12 134

### PUSH-BUTTONS 2P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW12145               | 2P NO - 10A | With key   | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW12145 equipped with 2 keys. Spare keys: GW30912.



GW 12 191

### PUSH-BUTTONS 1P WITH ILLUMINATED NAME PLATE - 250V AC

| Code                  | Description | Lamp voltage | Lamp                                   | Lamp power | Pack / Carton |
|-----------------------|-------------|--------------|--|------------|---------------|
| <b>No. modules: 2</b> |             |              |  |            |               |
| GW12191DY             | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp 56x36 mm (not included) | 2 W        | 20/120        |

**CHARACTERISTICS:** lamp not included.

## SOFT-CLICK, ROCKER ELECTRONIC PUSH BUTTONS



GW 12 915

### UNIVERSAL SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                                   | Button key | Type of use                            | No. modules | Pack / Carton |
|---------|---|------------|--|-------------|---------------|
| GW12915 | 1NO/NC 4A (AC1) 230 V ac - Potential-free Neutral |            | Relay, dimmer, bus contacts interfaces | 1           | 1/12          |

**CHARACTERISTICS:** push-button suitable for connection of KNX BUS contact interfaces, or the command of bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input.



GW 12 912

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Supply voltage      | Type of contact       | Button key    | Type of use   | Pack / Carton |
|---------|---------------------|-----------------------|---------------|---------------|---------------|
| GW12912 | 230 V ac - 50/60 Hz | 1NO 4A (AC1) 230 V ac | With diffuser | Relay, dimmer | 1/12          |

**CHARACTERISTICS:** push-button for controlling latching relays, electronic switches for heavy duty loads, or dimmers with a remote control input. Equipped with amber localisation LED.



GW 12 913

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTONS FOR BUS INPUTS

| Code                  | Type of contact      | Button key                    | Type of use             | Pack / Carton |
|-----------------------|----------------------|-------------------------------|-------------------------|---------------|
| <b>No. modules: 1</b> |                      |                               |                         |               |
| GW12913               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/12          |
| GW12916               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/12          |
| <b>No. modules: 2</b> |                      |                               |                         |               |
| GW12917               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/6           |
| GW12918               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/6           |

**CHARACTERISTICS:** push-button for BUS inputs, suitable for KNX BUS contact interface connections. Equipped with 2-colour (amber/green) LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).



GW 12 914

### DOUBLE SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                         | Button key | Symbol    | No. modules | Pack / Carton |
|---------|---|------------|-----------|-------------|---------------|
| GW12914 | Dual, potential-free and with interlock | Neutral    | UP - DOWN | 1           | 1/12          |

**CHARACTERISTICS:** double push-button suitable for connecting KNX BUS contact interfaces or electronic control panels for moving roller shutters.

## BLANKING MODULES AND CABLE OUTLET



GW 12 195

### BLANKING MODULES

| Code      | Description | No. modules | Pack / Carton |
|-----------|-------------|-------------|---------------|
| GW12195DY | 1 module    | 1           | 1/99          |
| GW12197DY | 1/2 module  | 1/2         | 20/160        |
| GW12198   | 2 modules   | 2           | 1/48          |
| GW12199   | 3 modules   | 3           | 1/48          |



GW 12 194

### CABLE OUTLET

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW12196 | 1 module    | 1           | 1/48          |

**NOTES:** GW12196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.  
GW12194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

## MOVEMENT DETECTORS



GW 12 594

### MOVEMENT DETECTOR

| Code    | Supply voltage     | Output contacts        | Pack / Carton |
|---------|--------------------|------------------------|---------------|
| GW12594 | 230V ac - 50/60 Hz | 1NO 3 A (AC1) 230 V ac | 1/4           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited.  
Suitable for commanding halogen lamps/resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA, LED loads: 60 W (max. 10 lamps).  
Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.  
**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through.  
Comfort and safety: automatic command of circuits without needing to activate one-way switches.  
**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly. Detection beam angle 120°, depth of detection max 8 metres.



GW 10 595

### CEILING-MOUNTED PRESENCE DETECTOR

| Code    | Supply voltage          | Installation height (m) | Light sensor   | Dimensions HxØ (mm) | Pack / Carton |
|---------|-------------------------|-------------------------|----------------|---------------------|---------------|
| GW10595 | 220/240 V ac - 50/60 Hz | From 2,2 to 6           | < 3 ÷ 2000 Lux | 44x111,5            | 1             |

**CHARACTERISTICS:** presence sensor, sensing range: 360° circle (max. diameter 18 metres); installable with fixing springs on a surface-mounted or recessed box. Suitable for the control of incandescent/halogen lamps: 1000W, LED lamps : 200W (4 / 23 W - max. 8 lamps).  
**NOTE:** equipped with a surface-mount box capable of holding sensors from IP20 to IP44.

## RELAY



GW12 723

### RELAY - 230V AC 50/60HZ

| Code                  | Type             | No. of poles | Output contacts                 | Coil               | Pack / Carton |
|-----------------------|------------------|--------------|---------------------------------|--------------------|---------------|
| <b>No. modules: 1</b> |                  |              |                                 |                    |               |
| GW12721               | Latching relay   | 1P           | 10 AX 250V ac                   | 230V ac - 50/60 Hz | 1/12          |
| GW12724               | Monostable relay | 1P           | 1NO/NC 10A(AC1)/2A(AC15)250V ac | 230V ac - 50/60 Hz | 1/12          |

**CHARACTERISTICS:** GW12721 suitable for commanding incandescent/halogen lamps: 1000 W, fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W.

**APPLICATIONS:** GW12721 command of lighting devices from more than one point, by means of remote NO push-buttons.

GW12721, motor function/stop commands (extractors, air agitators, etc.).

GW12724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.



GW12 726

### CALL RELAY - 12V AC/DC

| Code    | Supply voltage | No. of poles | Output contacts       | No. modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|-------------|---------------|
| GW12726 | 12V ac/dc      | 1P           | 1NO/NC 12 V (max. 1A) | 1           | 1/12          |

**CHARACTERISTICS:** inlets for remote NO push-buttons for alarms (e.g. GW12136) and alarm reset (e.g. GW12145), green LED for alarm status signalling.

## HOTEL COMPONENTS - SATIN BLACK VERSION

### BADGE SWITCH



GW12 039

### BADGE SWITCH

| Code    | Description               | For badge card max. width | Rated power of 230V LED lamps | No. modules | Pack / Carton |
|---------|---------------------------|---------------------------|-------------------------------|-------------|---------------|
| GW12039 | 1P NO - 16 AX illuminable | 54 mm                     | 200 W                         | 2           | 1/6           |

**CHARACTERISTICS:** the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

**NOTES:** badges not included. The article uses LED signalling units, not included.

### INTERCHANGEABLE BUTTON KEYS



GW12 733

### INTERCHANGEABLE BUTTON KEYS

| Code    | Button key    | Symbol | No. modules | Pack / Carton |
|---------|---------------|--------|-------------|---------------|
| GW12732 | With diffuser | MUR    | 1           | 4/48          |

**CHARACTERISTICS:** with "Do not disturb" (DND) and "Make up the room" (MUR) pad printings. To be used for the customization of the Chorus command devices. GW12731 and GW12732 suitable for one-way switches, two-way switches, intermediate switches and push-buttons. GW12733 suitable for three-way switches and push-buttons with central OFF position.

## INDICATOR LIGHT DEVICE



GW 12 736

### DOUBLE INDICATOR LAMP

| Code    | Diffuser colour | Symbol  | No. modules | Pack / Carton |
|---------|-----------------|---------|-------------|---------------|
| GW12736 | Opal diffuser   | DND+MUR | 1           | 1/24          |

CHARACTERISTICS: LED signalling units not included.

## POWER - SATIN BLACK VERSION

### PLUG SOCKET-OUTLETS - FRENCH STANDARD



GW 12 246

### FRENCH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. modules | Pack / Carton |
|---------|-------------|---------------|-------------|---------------|
| GW12246 | 2P - 16A    | Ø 4 / 4.8 mm  | 2           | 1/24          |

CHARACTERISTICS: with safety shields.

### SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD



GW 12 203

### ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code        | Description               | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-------------|---------------------------|-----------------|---------------|-------------|---------------|
| GW12201DY   | 2P+E - 10A                | P11             | Ø 4 mm        | 1           | 20/320        |
| GW12203DY01 | 2P+E - 16 A Dual amperage | P11-P17         | Ø 4 / 5 mm    | 1           | 10/100        |

CHARACTERISTICS: with safety shields.



GW 12 204

### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description               | Earth pit        | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------|------------------|-----------------|------------------|-------------|---------------|
| GW12204DY | 2P+E - 16 A Dual amperage | Side and central | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

CHARACTERISTICS: with safety shields.

## SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

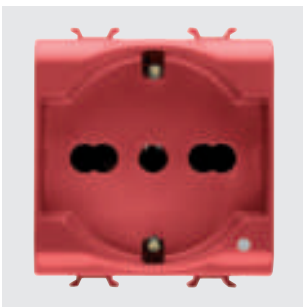


GW 10 213

### ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-----------|---------------------------|--------|-----------------|---------------|-------------|---------------|
| GW10213DY | 2P+E - 16 A Dual amperage | Red    | P11-P17         | Ø 4 / 5 mm    | 1           | 20/320        |

**CHARACTERISTICS:** with safety shields.



GW 10 214

### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description                           | Colour | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------------------|--------|-----------------|------------------|-------------|---------------|
| GW10214DY | 2P+E - 16 A Dual amperage illuminable | Red    | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

**CHARACTERISTICS:** with safety shields. Pit of side and central earth contacts. Pre-arranged for housing LED signalling units, not included.

**APPLICATIONS:** possibility to indicate presence of auxiliary network.

## SOCKET-OUTLETS - GERMAN STANDARD



GW 12 241

### GERMAN STANDARD SOCKET-OUTLET - 250V AC

| Code        | Description | For plug pins | No. modules | Pack / Carton |
|-------------|-------------|---------------|-------------|---------------|
| GW12241DY01 | 2P+E - 16A  | Ø 4.8 mm      | 2           | 10/60         |

**CHARACTERISTICS:** with safety shields.

## SOCKET-OUTLETS - FRENCH STANDARD



GW 12 246

### FRENCH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. modules | Pack / Carton |
|---------|-------------|---------------|-------------|---------------|
| GW12246 | 2P - 16A    | Ø 4 / 4.8 mm  | 2           | 1/24          |

**CHARACTERISTICS:** with safety shields.



## SOCKET-OUTLETS - INTERNATIONAL STANDARD



GW 12 299

### SOUTH AFRICAN STANDARD SOCKET-OUTLET - 250 V AC

| Code    | Description | For plug pins  | No. modules | Pack / Carton |
|---------|-------------|----------------|-------------|---------------|
| GW12299 | 2P+E - 16A  | Round Ø 4,5 mm | 1           | 12/240        |

**CHARACTERISTICS:** with safety shields.

## INTERLOCKED SWITCHED SOCKET-OUTLETS



GW 12 311

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-------------|---------------|
| GW12311 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 2           | 1/6           |
| GW12312 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 3           | 1/4           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.



GW 12 321

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-----------------|-------------|---------------|
| GW12321 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 10 mA           | 3           | 1/4           |
| GW12322 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 10 mA           | 4           | 1/2           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.

## SHAVER SOCKET-OUTLET



GW 12 331

### EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

| Code    | Supply voltage      | For plug pins        | Selectable output voltage | Maximum power | No. modules | Pack / Carton |
|---------|---------------------|----------------------|---------------------------|---------------|-------------|---------------|
| GW12331 | 230 V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120-230V ac               | 20 VA         | 3           | 1/2           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading.

The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.

The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting boxes or free-standing containers.

## DATA - SATIN BLACK VERSION

### TV-SAT SOCKETS



GW 12 361

#### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code      | Description    | Attenuation | No. modules | Pack / Carton |
|-----------|----------------|-------------|-------------|---------------|
| GW12361   | Direct         | 0 dB        | 1           | 1/48          |
| GW12361DY | Direct         | 0 dB        | 1           | 10/100        |
| GW12362   | Through wiring | 5 dB        | 1           | 1/24          |
| GW12362DY | Through wiring | 5 dB        | 1           | 10/100        |
| GW12363   | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW12361 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24 V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW12362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 12 371

#### COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW12371 | Direct         | 0 dB        | 1           | 1/48          |
| GW12372 | Through wiring | 5 dB        | 1           | 1/24          |
| GW12373 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW12371 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24 V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW12372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 12 382

#### TV-FM-SAT SOCKETS

| Code    | Connectors | Description | Attenuation | No. modules | Pack / Carton |
|---------|------------|-------------|-------------|-------------|---------------|
| GW12381 | TV-FM      | Direct      | 0 dB        | 2           | 1/24          |
| GW12382 | TV-FM-SAT  | Direct      | 0 dB        | 2           | 1/24          |
| GW12383 | TV-SAT     | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** TV-FM direct co-axial socket-outlet GW12381: male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm.

TV-FM-SAT direct co-axial socket-outlet GW12382: male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm, female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW12383: male IEC-type TV connector ø 9.5mm, female F-type SAT connector.

**NOTES:** demixed socket-outlets with input for co-axial cable Ø 5mm or 7mm.



GW 12 367

#### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5MM

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW12367 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 12 377

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW12377 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 12 386

### COVERS FOR TV-SAT-R ANTENNA SOCKETS

| Code    | Description       | No. holes | Pack / Carton |
|---------|-------------------|-----------|---------------|
| GW12386 | For TV-R base     | 2         | 1/24          |
| GW12387 | For TV/R-SAT base | 2         | 1/24          |

**APPLICATIONS:** suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

**ACCESSORIES SUPPLIED:** fixing screws.

## TELEPHONE SOCKETS



GW 12 401

### RJ11 TELEPHONE SOCKETS

| Code      | Description | Connection         | No. modules | Pack / Carton |
|-----------|-------------|--------------------|-------------|---------------|
| GW12401   | RJ11        | Screw-on terminals | 1           | 1/24          |
| GW12401DY | RJ11        | Screw-on terminals | 1           | 10/100        |

**APPLICATIONS:** telephone, telefax, modem.



GW 12 409

### RJ11 TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW12409 | RJ11        | Screw-on terminals | 2           | 1/24          |

**APPLICATIONS:** telephone, telefax, modem.



GW 12 406

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW12406 | 6 contacts  | Screw-on terminals | 1           | 1/24          |

## DATA SOCKETS



GW 12 421

### RJ45 SOCKETS

| Code      | Description | Number pairs | Use category | Cables | Connection | No. modules | Pack / Carton |
|-----------|-------------|--------------|--------------|--------|------------|-------------|---------------|
| GW12421   | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 1/24          |
| GW12421DY | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 10/100        |
| GW12422   | RJ45        | 4            | 5e           | FTP    | Toolless   | 1           | 1/24          |
| GW12423   | RJ45        | 4            | 6            | UTP    | Toolless   | 1           | 1/24          |
| GW12424   | RJ45        | 4            | 6            | FTP    | Toolless   | 1           | 1/24          |

**APPLICATIONS:** LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e; LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

**NOTES:** circuit identification label included.



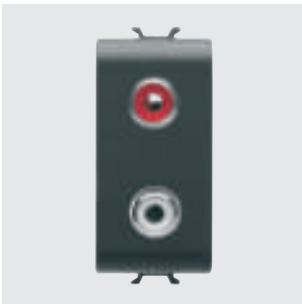
GW 12 431

### ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. modules | Pack / Carton |
|---------|---------------------|-------------|---------------|
| GW12431 | AMP / Keystone Jack | 1           | 1/48          |
| GW12438 | SYSTIMAX COMMSCOPE  | 1           | 1/48          |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the GEWISS adapter.

## AUDIO AND VIDEO SOCKETS



GW 12 453

### AUDIO AND VIDEO SOCKETS

| Code    | Description     | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW12453 | Double RCA      | 1           | 1/24          |
| GW12454 | For loudspeaker | 1           | 1/24          |
| GW12458 | Speaker socket  | 1           | 1/24          |

**CHARACTERISTICS:** GW12453 double RCA stud connector, red and white, weld-in connection.

GW12454 welding connection. GW12458 front access terminals for inserting 1.5 mm<sup>2</sup> rigid wires, insulator punching rear connection suitable for cables AWG24 or max 0.25mm<sup>2</sup>.

## USB AND HDMI COUPLERS AND SOCKETS



GW 12 459

### USB SOCKETS

| Code    | Description       | No. modules | Pack / Carton |
|---------|-------------------|-------------|---------------|
| GW12459 | USB socket-outlet | 1           | 1/24          |

**CHARACTERISTICS:** A-type USB 2.0 female connector, with screw terminals on the back.



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

NOTES: for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## USB CHARGERS



GW 12 449

### USB POWER SUPPLY FOR ELECTRONIC DEVICES

| Code    | Supply voltage            | Output voltage | Max current supplied | Type of port | No. modules | Pack / Carton |
|---------|---------------------------|----------------|----------------------|--------------|-------------|---------------|
| GW12449 | 100 ÷ 240 V ac - 50/60 Hz | 5V dc          | 3 A                  | A+C          | 1           | 1/10          |

CHARACTERISTICS: suitable for recharging a single electronic device (e.g. tablet) or two devices simultaneously (e.g. a tablet and smartphone). The division of the current delivered to the two outputs depends on the state of charge of the connected devices.

## PROTECTION - SATIN BLACK VERSION

### MINIATURE CIRCUIT BREAKERS



GW 12 463

### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code    | Description      | Rated current (A) | Breaking capacity | No. modules | Pack / Carton |
|---------|------------------|-------------------|-------------------|-------------|---------------|
| GW12461 | Single pole (1P) | 6                 | 3 kA              | 1           | 1/12          |
| GW12462 | Single pole (1P) | 10                | 3 kA              | 1           | 1/12          |
| GW12463 | Single pole (1P) | 16                | 3 kA              | 1           | 1/12          |
| GW12466 | Two-pole (1P+N)  | 6                 | 3 kA              | 1           | 1/12          |
| GW12467 | Two-pole (1P+N)  | 10                | 3 kA              | 1           | 1/12          |
| GW12468 | Two-pole (1P+N)  | 16                | 3 kA              | 1           | 1/12          |



GW 12 488

### RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ

| Code    | Description     | Rated current (A) | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-----------------|-------------------|-------------------|-----------------|-------------|---------------|
| GW12482 | Two-pole (1P+N) | 6                 | 3 kA              | 10 mA           | 2           | 1/6           |
| GW12483 | Two-pole (1P+N) | 6                 | 3 kA              | 30 mA           | 2           | 1/6           |
| GW12485 | Two-pole (1P+N) | 10                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW12486 | Two-pole (1P+N) | 10                | 3 kA              | 30 mA           | 2           | 1/6           |
| GW12488 | Two-pole (1P+N) | 16                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW12489 | Two-pole (1P+N) | 16                | 3 kA              | 30 mA           | 2           | 1/6           |

## PROTECTION DEVICES



GW 12 491

### FUSE HOLDER - 250V AC

| Code    | Rated current (A) | Fuse type   | No. modules | Pack / Carton |
|---------|-------------------|-------------|-------------|---------------|
| GW12491 | 16                | Ø 6.3x32 mm | 1           | 1/12          |

**CHARACTERISTICS:** fuse not included.



GW 12 492

### SURGE PROTECTION DEVICE - 230V AC

| Code    | Uc               | Up   | No. modules | Pack / Carton |
|---------|------------------|------|-------------|---------------|
| GW12492 | 275 V ac 50/60Hz | 1 kV | 1           | 1/12          |

**CHARACTERISTICS:** green LED for status signalling.

**APPLICATIONS:** protection of electronic devices (TV, HI-FI, computer, etc.) from overvoltage (resulting from atmospheric conditions or manoeuvres) that could be channelled from the power supply lines.

## INDICATOR - SATIN BLACK VERSION

### INDICATOR LIGHT DEVICES



GW 12 622

### SINGLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | Colour meaning | No. modules | Pack / Carton |
|---------|-----------------|----------------|-------------|---------------|
| GW12621 | Opal diffuser   | Neutral        | 1           | 1/24          |
| GW12622 | Green           | Safety         | 1           | 1/24          |
| GW12623 | Red             | Danger         | 1           | 1/24          |
| GW12624 | Amber           | Attention      | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATION:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



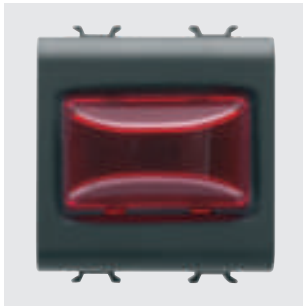
GW 12 629

### DOUBLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW12628 | Opal diffuser   | 1           | 1/24          |
| GW12629 | Red/green       | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 12 633

### PROTRUDING INDICATOR LAMPS - 2 MODULES

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW12631 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW12632 | 12V ac/dc - 230V ac 50/60 Hz | Green           | White LED | 2           | 1/24          |
| GW12633 | 12V ac/dc - 230V ac 50/60 Hz | Red             | White LED | 2           | 1/24          |
| GW12634 | 12V ac/dc - 230V ac 50/60 Hz | Amber           | White LED | 2           | 1/24          |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

**APPLICATIONS:** suitable for special applications such as the signalling of calls from hospital wards.

**NOTES:** complete with lamp.



GW 12 656

### STAIR RISER LAMP

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW12651 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW12656 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 4           | 1/2           |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

## ANTI BLACK-OUT AND EMERGENCY LAMPS



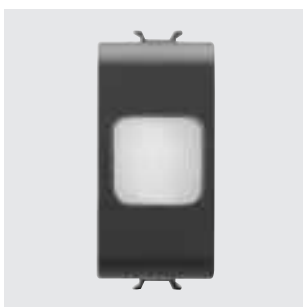
GW 12 661

### EXTRACTABLE ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|---------------|
| GW12661 | 230 V ac - 50/60 Hz | Ni - Mh                | 2 h              | White LED | 1/6           |

**CHARACTERISTICS:** equipped with a 3-position selector on the front panel, for anti black-out, inhibition and night functioning.

To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.



GW 12 662

### ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW12662 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 1           | 1/12          |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.



GW 12 663

### AUTONOMOUS EMERGENCY LAMPS

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW12663 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 2           | 1/6           |
| GW12666 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 4           | 1/2           |

**CHARACTERISTICS:** green mains presence signal LED. Highly efficient, white LED lamps.

**APPLICATIONS:** compliant with standards EN60598-2-22.

## ACOUSTIC SIGNALLING DEVICES



GW 12 601

### RINGERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW12601 | 12V ac - 50 Hz  | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |
| GW12602 | 230V ac - 50 Hz | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 12 606

### BUZZERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW12606 | 12V ac - 50 Hz  | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |
| GW12607 | 230V ac - 50 Hz | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 12 611

### THREE TONE RINGER AND THREE INDEPENDENT INPUTS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW12611 | 12V ac/dc       | 3 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |
| GW12612 | 230V ac - 50 Hz | 6 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - SATIN BLACK VERSION

### TIMER DEVICES



GW 12 581

### ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

| Code    | Supply voltage      | Output contacts                 | No. modules | Pack / Carton |
|---------|---------------------|---------------------------------|-------------|---------------|
| GW12581 | 230 V ac - 50/60 Hz | 1NO/NC 8A(AC1)/4A(AC15) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



## TEMPERATURE CONTROL DEVICES



GW 12 703

### TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

| Code    | Supply voltage      | Temperature adjustment | Output contacts                 | No. modules | Pack / Carton |
|---------|---------------------|------------------------|---------------------------------|-------------|---------------|
| GW12703 | 230 V ac - 50/60 Hz | From +5°C to +40°C     | 1NO/NC 5A(AC1)/2A(AC15) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 12 705

### THERMOSTAT

| Code    | Supply voltage      | Temperature adjustment | Output contacts          | No. modules | Pack / Carton |
|---------|---------------------|------------------------|--------------------------|-------------|---------------|
| GW12705 | 230 V ac - 50/60 Hz | From +5°C to +35°C     | 1NO / NC 8A(AC1) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).  
Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates mains presence.

## DIMMER



GW 12 575

### UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code    | Supply voltage  | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW12575 | 230V ac - 50 Hz | 1           | 1/12          |

**CHARACTERISTICS:** suitable for dimming incandescent and halogen lamps 230 V ac (10-160 W); low-voltage halogen lamps (12 V ac) with electronic transformers (10-160 W) and LED lamps 230 V ac (4-160W), rotary control with 2-way switch. Equipped with amber-colour-red signalling LED. Can be operated without neutral connection.

**NOTES:** the installation of more than one dimmer side-by-side in a single container is not permitted. To avoid overheating, insert a blanking module between two dimmers. If installing two dimmers in the same box, the maximum loads that can be controlled by each dimmer must be reduced by 50%.



GW 12 564

### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code      | Supply voltage      | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|-----------|---------------------|------------------------|------------------------|-------------|---------------|
| GW12564   | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 1/12          |
| GW12564DY | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 10/100        |
| GW12567   | 230 V ac - 50/60 Hz | 100 - 500 W            | 100 - 500 VA           | 1           | 1/12          |

**CHARACTERISTICS:** with signalling led orange. GW12567 rotary command with two-way switch.

GW12564 compliance with the EMC directive is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact GEWISS Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW 12 568

## ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code           | Supply voltage  | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|----------------|-----------------|------------------------|------------------------|-------------|---------------|
| <b>GW12568</b> | 230V ac - 50 Hz | 60 - 500 W             | 60 - 500 VA            | 1           | 1/12          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

## TECHNICAL ALARMS - SATIN BLACK VERSION

### GAS DETECTORS



GW 10 720

## POWER SUPPLY UNIT 12VDC

| Code           | Supply voltage            | Output voltage | Max current supplied | Dimensions LxHxD (mm) | Pack / Carton |
|----------------|---------------------------|----------------|----------------------|-----------------------|---------------|
| <b>GW10720</b> | 100 ÷ 240 V ac - 50/60 Hz | 12V dc         | 300 mA               | 52x33x17              | 1/10          |

**APPLICATIONS:** to be used for powering LPG detectors (GW1x711, GW2x868, GW30520), methane detectors (GW1x712, GW2x867, GW30519); Thermo ICE KNX (GW16974CB, GW16974CL, GW16974CN, GW16974CT) thermostats.

## ACCESSORIES

### SIGNALLING UNITS



GW 10 881

## LED SIGNALLING UNITS - 230 V AC - 0.6 W

| Code             | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|---------------------|------------|------|---------------|--------------|---------------|
| <b>GW10881DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| <b>GW10882DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



GW 10 894

## LED SIGNALLING UNITS - 12-24 V AC/DC - 0.6 W

| Code             | Lamp voltage | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|--------------|------------|------|---------------|--------------|---------------|
| <b>GW10894DY</b> | 12-24V ac/dc | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## INNOVATIVE



ChoruSmart offers the best technologies for an aesthetic and functional experience suitable for every person. In particular, the new EVO axial and touch controls offer the ability to centralize the management of lights and shutters with an extremely simplified installation.

## AESTHETIC VARIABILITY



The wide range of options for customising the devices, in terms of colour and modularity, ensures a vast choice of solutions. Six colourways are available: three with a satin finish and three with a glossy finish, for a perfect match between the devices and the plate.

## SCALABLE



ChoruSmart began as a traditional domestic series, but with the addition of a few Connected Smart Home or Home&Building Pro elements, it can become smart and suitable for both renovations and new buildings. The combination of colours, materials, finishes and shapes offers something for every taste and need.

# ChoruSmart

## Glossy titanium modular devices

The ChoruSmart modular devices make it possible to create infinite combination between devices and plates, thanks to a complete range that is able to satisfy all design, functional and installation requirements. Colors and finishes: glossy painted titanium, innovative and trendy.

Unlimited functions in reduced spaces: the ChoruSmart range consists of rocker button keys with ½, 1 and 2 modules, to optimise space as needed, and axial keys in EVO or SMART version, to satisfy even the most modern needs. Front coupling: the front coupling makes the component assembly and release operations simple and quick, enabling these to be completed without removing the support, unique for all the plates and fruits.



## COMMAND - GLOSSY TITANIUM VERSION

### COMMAND DEVICES - ROCKERS - SCREW TERMINALS



GW14 001

#### ONE-WAY SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW14001DY             | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |
| <b>No. modules: 2</b> |             |            |                               |               |
| GW14031DY             | 1P - 16AX   | Neutral    | 200 W                         | 10/60         |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.



GW14 004

#### ONE-WAY SWITCHES 2P - 250V AC

| Code                  | Description | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|--------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |        |                               |               |
| GW14006               | 2P - 10AX   | With key   | 0/1    | 100 W                         | 1/12          |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.

NOTES: GW14006 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW14 051

#### TWO-WAY SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW14051DY01           | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |
| GW14054               | 1P - 10AX   | With key   | 100 W                         | 1/12          |
| <b>No. modules: 2</b> |             |            |                               |               |
| GW14071DY             | 1P - 16AX   | Neutral    | 200 W                         | 20/120        |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.

NOTES: GW14054 equipped with 2 keys. Key extractable in both positions. Spare keys: GW20901.



GW14 091

#### INTERMEDIATE SWITCHES 1P - 250V AC

| Code                  | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|-----------------------|-------------|------------|-------------------------------|---------------|
| <b>No. modules: 1</b> |             |            |                               |               |
| GW14091DY01           | 1P - 16AX   | Neutral    | 200 W                         | 10/100        |

CHARACTERISTICS: the illuminable articles use LED signalling units, not included.



GW 14 131

### PUSH-BUTTONS 1P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW14131DY01           | 1P NO - 16A | Neutral    | -      | 10/100        |
| GW14136               | 1P NO - 16A | Pull-cord  | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

GW14136 Cord in insulating material, 140cm long, with red knob.

GW14140 Button with mechanical interlock. Both contacts are open in the central position (OFF); advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.).

GW14141 independent push-buttons that can also be activated simultaneously.



GW 14 134

### PUSH-BUTTONS 2P - 250V AC

| Code                  | Description | Button key | Symbol | Pack / Carton |
|-----------------------|-------------|------------|--------|---------------|
| <b>No. modules: 1</b> |             |            |        |               |
| GW14145               | 2P NO - 10A | With key   | -      | 1/12          |

**CHARACTERISTICS:** the illuminable articles use LED signalling units, not included.

**NOTES:** GW14145 equipped with 2 keys. Spare keys: GW30912.

## SOFT-CLICK, ROCKER ELECTRONIC PUSH BUTTONS



GW 14 915

### UNIVERSAL SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                           | Button key | Type of use                            | No. modules | Pack / Carton |
|---------|---|------------|--|-------------|---------------|
| GW14915 | 1NO/NC 4A (AC1) 230 V ac - Potential-free | Neutral    | Relay, dimmer, bus contacts interfaces | 1           | 1/12          |

**CHARACTERISTICS:** push-button suitable for connection of KNX BUS contact interfaces, or the command of bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input.



GW 14 912

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Supply voltage      | Type of contact       | Button key    | Type of use   | Pack / Carton |
|---------|---------------------|-----------------------|---------------|---------------|---------------|
| GW14912 | 230 V ac - 50/60 Hz | 1NO 4A (AC1) 230 V ac | With diffuser | Relay, dimmer | 1/12          |

**CHARACTERISTICS:** push-button for controlling latching relays, electronic switches for heavy duty loads, or dimmers with a remote control input.

Equipped with amber backlit LED.



GW 14 913

### BACKLIT SOFT-CLICK ELECTRONIC PUSH-BUTTONS FOR BUS INPUTS

| Code                  | Type of contact      | Button key                    | Type of use             | Pack / Carton |
|-----------------------|----------------------|-------------------------------|-------------------------|---------------|
| <b>No. modules: 1</b> |                      |                               |                         |               |
| GW14913               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/12          |
| GW14916               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/12          |
| <b>No. modules: 2</b> |                      |                               |                         |               |
| GW14917               | 1NO - Potential-free | With diffuser                 | Bus contacts interfaces | 1/6           |
| GW14918               | 1NO - Potential-free | With replaceable neutral lens | Bus contacts interfaces | 1/6           |

**CHARACTERISTICS:** push-button for BUS inputs, suitable for KNX BUS contact interface connections. Equipped with 2-colour (amber/green) LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).



GW 14 914

## DOUBLE SOFT-CLICK ELECTRONIC PUSH-BUTTON

| Code    | Type of contact                         | Button key | Symbol    | No. modules | Pack / Carton |
|---------|---|------------|-----------|-------------|---------------|
| GW14914 | Dual, potential-free and with interlock | Neutral    | UP - DOWN | 1           | 1/12          |

**CHARACTERISTICS:** double push-button suitable for connecting KNX BUS contact interfaces or electronic control panels for moving roller shutters.

## BLANKING MODULES AND CABLE OUTLET



GW 14 195

### BLANKING MODULES

| Code      | Description | No. modules | Pack / Carton |
|-----------|-------------|-------------|---------------|
| GW14195DY | 1 module    | 1           | 1/99          |
| GW14198   | 2 modules   | 2           | 1/48          |
| GW14199   | 3 modules   | 3           | 1/48          |



GW 14 194

### CABLE OUTLET

| Code    | Description | No. modules | Pack / Carton |
|---------|-------------|-------------|---------------|
| GW14196 | 1 module    | 1           | 1/48          |

**NOTES:** GW14196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.

GW14194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

## MOVEMENT DETECTORS



GW 14 594

### MOVEMENT DETECTOR

| Code    | Supply voltage     | Output contacts        | Pack / Carton |
|---------|--------------------|------------------------|---------------|
| GW14594 | 230V ac - 50/60 Hz | 1NO 3 A (AC1) 230 V ac | 1/4           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited.

Suitable for commanding halogen lamps/resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA, LED loads: 60 W (max. 10 lamps).

Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.

**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through.

Comfort and safety: automatic command of circuits without needing to activate one-way switches.

**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly. Detection beam angle 120°, depth of detection max 8 metres.



GW 10 595

### CEILING-MOUNTED PRESENCE DETECTOR

| Code    | Supply voltage          | Installation height (m) | Light sensor   | Dimensions HxØ (mm) | Pack / Carton |
|---------|-------------------------|-------------------------|----------------|---------------------|---------------|
| GW10595 | 220/240 V ac - 50/60 Hz | From 2,2 to 6           | < 3 ÷ 2000 Lux | 44x111,5            | 1             |

**CHARACTERISTICS:** presence sensor, sensing range: 360° circle (max. diameter 18 metres); installable with fixing springs on a surface-mounted or recessed box. Suitable for the control of incandescent/halogen lamps: 1000W, LED lamps : 200W (4 / 23 W - max. 8 lamps).

**NOTE:** equipped with a surface-mount box capable of holding sensors from IP20 to IP44.

## RELAY



GW 14 721

### RELAY - 230V AC 50/60HZ

| Code                  | Type             | No. of poles | Output contacts                 | Coil               | Pack / Carton |
|-----------------------|------------------|--------------|---------------------------------|--------------------|---------------|
| <b>No. modules: 1</b> |                  |              |                                 |                    |               |
| GW14721               | Latching relay   | 1P           | 10 AX 250V ac                   | 230V ac - 50/60 Hz | 1/12          |
| GW14724               | Monostable relay | 1P           | 1NO/NC 10A(AC1)/2A(AC15)250V ac | 230V ac - 50/60 Hz | 1/12          |

**CHARACTERISTICS:** GW14721 suitable for commanding incandescent/halogen lamps: 1000 W; fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W, lampade alogene o LED a bassa tensione con trasformatore elettromeccanico: 400 W.

**APPLICATIONS:** GW14721 command of lighting devices from more than one point, by means of remote NO push-buttons.

GW14721, motor function/stop commands (extractors, air agitators, etc.).

GW14724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.



GW 14 726

### CALL RELAY - 12V AC/DC

| Code    | Supply voltage | No. of poles | Output contacts       | No. modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|-------------|---------------|
| GW14726 | 12V ac/dc      | 1P           | 1NO/NC 12 V (max. 1A) | 1           | 1/12          |

**CHARACTERISTICS:** inlets for remote NO push-buttons for alarms (e.g. GW14136) and alarm reset (e.g. GW14145). green LED for alarm status signalling.

## HOTEL COMPONENTS - GLOSSY TITANIUM VERSION

### BADGE SWITCH



GW 14 039

### BADGE SWITCH

| Code    | Description               | For badge card max. width | Rated power of 230V LED lamps | No. modules | Pack / Carton |
|---------|---------------------------|---------------------------|-------------------------------|-------------|---------------|
| GW14039 | 1P NO - 16 AX illuminable | 54 mm                     | 200 W                         | 2           | 1/6           |

**CHARACTERISTICS:** the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

**NOTES:** badges not included. The article uses LED signalling units, not included.

## INDICATOR LIGHT DEVICE



GW 14 736

### DOUBLE INDICATOR LAMP

| Code    | Diffuser colour | Symbol  | No. modules | Pack / Carton |
|---------|-----------------|---------|-------------|---------------|
| GW14736 | Opal diffuser   | DND+MUR | 1           | 1/24          |

CHARACTERISTICS: LED signalling units not included.

## POWER - GLOSSY TITANIUM VERSION

### PLUG SOCKET-OUTLETS - FRENCH STANDARD



GW 14 246

### FRENCH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. modules | Pack / Carton |
|---------|-------------|---------------|-------------|---------------|
| GW14246 | 2P - 16A    | Ø 4 / 4.8 mm  | 2           | 1/24          |

CHARACTERISTICS: with safety shields.

### SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD



GW 14 203

### ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description               | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-----------|---------------------------|-----------------|---------------|-------------|---------------|
| GW14203DY | 2P+E - 16 A Dual amperage | P11-P17         | Ø 4 / 5 mm    | 1           | 10/100        |

CHARACTERISTICS: with safety shields.

### SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD



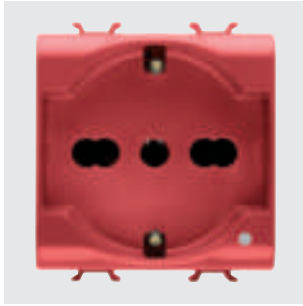
GW 10 213

### ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Socket-out type | For plug pins | No. modules | Pack / Carton |
|-----------|---------------------------|--------|-----------------|---------------|-------------|---------------|
| GW10213DY | 2P+E - 16 A Dual amperage | Red    | P11-P17         | Ø 4 / 5 mm    | 1           | 20/320        |

CHARACTERISTICS: with safety shields.





GW 10 214

### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description                           | Colour | Socket-out type | For plug pins    | No. modules | Pack / Carton |
|-----------|---------------------------------------|--------|-----------------|------------------|-------------|---------------|
| GW10214DY | 2P+E - 16 A Dual amperage illuminable | Red    | P40             | Ø 4 / 4.8 / 5 mm | 2           | 20/120        |

**CHARACTERISTICS:** with safety shields. Pit of side and central earth contacts. Pre-arranged for housing LED signalling units, not included.

**APPLICATIONS:** possibility to indicate presence of auxiliary network.

### SOCKET-OUTLETS - GERMAN STANDARD



GW 14 241

#### GERMAN STANDARD SOCKET-OUTLET - 250V AC

| Code        | Description | For plug pins | No. modules | Pack / Carton |
|-------------|-------------|---------------|-------------|---------------|
| GW14241DY01 | 2P+E - 16A  | Ø 4.8 mm      | 2           | 10/60         |

**CHARACTERISTICS:** with safety shields.

### SOCKET-OUTLETS - FRENCH STANDARD



GW 14 246

#### FRENCH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. modules | Pack / Carton |
|---------|-------------|---------------|-------------|---------------|
| GW14246 | 2P - 16A    | Ø 4 / 4.8 mm  | 2           | 1/24          |

**CHARACTERISTICS:** with safety shields.

### SOCKET-OUTLETS - INTERNATIONAL STANDARD



GW 14 299

#### SOUTH AFRICAN STANDARD SOCKET-OUTLET - 250 V AC

| Code    | Description | For plug pins  | No. modules | Pack / Carton |
|---------|-------------|----------------|-------------|---------------|
| GW14299 | 2P+E - 16A  | Round Ø 4,5 mm | 1           | 12/240        |

**CHARACTERISTICS:** with safety shields.

## INTERLOCKED SWITCHED SOCKET-OUTLETS



GW 14 311

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-------------|---------------|
| GW14311 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 2           | 1/6           |
| GW14312 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 3           | 1/4           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.



GW 14 321

### INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

| Code    | Description | Socket-out type | Miniature circuit breakers | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-------------|-----------------|----------------------------|-------------------|-----------------|-------------|---------------|
| GW14321 | 2P+E - 16A  | P17-P11         | 1P+N 16A                   | 3 kA              | 10 mA           | 3           | 1/4           |
| GW14322 | 2P+E - 16A  | P40             | 1P+N 16A                   | 3 kA              | 10 mA           | 4           | 1/2           |

**CHARACTERISTICS:** Interlocked switched socket-outlets with automatic miniature circuit breaker (C characteristic) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

**APPLICATIONS:** suitable for installation in the system terminations to protect the load.

## SHAVER SOCKET-OUTLET



GW 14 331

### EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

| Code    | Supply voltage      | For plug pins        | Selectable output voltage | Maximum power | No. modules | Pack / Carton |
|---------|---------------------|----------------------|---------------------------|---------------|-------------|---------------|
| GW14331 | 230 V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120-230V ac               | 20 VA         | 3           | 1/2           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading.

The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.

The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting boxes or free-standing containers.

## DATA - GLOSSY TITANIUM VERSION

### TV-SAT SOCKETS



GW 14 361

### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code      | Description    | Attenuation | No. modules | Pack / Carton |
|-----------|----------------|-------------|-------------|---------------|
| GW14361   | Direct         | 0 dB        | 1           | 1/48          |
| GW14361DY | Direct         | 0 dB        | 1           | 10/100        |
| GW14362   | Through wiring | 5 dB        | 1           | 1/24          |
| GW14362DY | Through wiring | 5 dB        | 1           | 10/100        |
| GW14363   | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW14361 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV 5dB GW14362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load. (TV, VCR, SAT receiver or 75-Ohm termination)



GW 14 371

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ) CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description    | Attenuation | No. modules | Pack / Carton |
|---------|----------------|-------------|-------------|---------------|
| GW14371 | Direct         | 0 dB        | 1           | 1/48          |
| GW14372 | Through wiring | 5 dB        | 1           | 1/24          |
| GW14373 | Through wiring | 10 dB       | 1           | 1/24          |

**CHARACTERISTICS:** GW14371 allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500mA).

GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW14372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user port (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 14 382

### TV-FM-SAT SOCKETS

| Code    | Connectors | Description | Attenuation | No. modules | Pack / Carton |
|---------|------------|-------------|-------------|-------------|---------------|
| GW14381 | TV-FM      | Direct      | 0 dB        | 2           | 1/24          |
| GW14382 | TV-FM-SAT  | Direct      | 0 dB        | 2           | 1/24          |
| GW14383 | TV-SAT     | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** TV-FM direct co-axial socket-outlet GW14381: male IEC-type TV connector  $\varnothing$  9.5mm, female IEC-type FM connector  $\varnothing$  9.5mm.

TV-FM-SAT direct co-axial socket-outlet GW14382: male IEC-type TV connector  $\varnothing$  9.5mm, female IEC-type FM connector  $\varnothing$  9.5mm, female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW14383: male IEC-type TV connector  $\varnothing$  9.5mm, female F-type SAT connector.

**NOTES:** demixed socket-outlets with input for co-axial cable  $\varnothing$  5mm or 7mm.



GW 14 367

### COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR $\varnothing$ 9.5MM

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW14367 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 14 377

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ), CLASS A SHIELDING - FEMALE F CONNECTOR

| Code    | Description | Attenuation | No. modules | Pack / Carton |
|---------|-------------|-------------|-------------|---------------|
| GW14377 | Direct      | 0 dB        | 2           | 1/24          |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlets suitable for return channel.



GW 14 386

### COVERS FOR TV-SAT-R ANTENNA SOCKETS

| Code    | Description       | No. holes | Pack / Carton |
|---------|-------------------|-----------|---------------|
| GW14386 | For TV-R base     | 2         | 1/24          |
| GW14387 | For TV/R-SAT base | 2         | 1/24          |

**APPLICATIONS:** suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

**ACCESSORIES SUPPLIED:** fixing screws.

## TELEPHONE SOCKETS



GW 14 401

### RJ11 TELEPHONE SOCKETS

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW14401 | RJ11        | Screw-on terminals | 1           | 1/24          |

APPLICATIONS: telephone, telefax, modem.



GW 14 409

### RJ11 TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW14409 | RJ11        | Screw-on terminals | 2           | 1/24          |

APPLICATIONS: telephone, telefax, modem.



GW 14 406

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description | Connection         | No. modules | Pack / Carton |
|---------|-------------|--------------------|-------------|---------------|
| GW14406 | 6 contacts  | Screw-on terminals | 1           | 1/24          |

## DATA SOCKETS



GW 14 421

### RJ45 SOCKETS

| Code      | Description | Number pairs | Use category | Cables | Connection | No. modules | Pack / Carton |
|-----------|-------------|--------------|--------------|--------|------------|-------------|---------------|
| GW14421   | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 1/24          |
| GW14421DY | RJ45        | 4            | 5e           | UTP    | Toolless   | 1           | 10/100        |
| GW14422   | RJ45        | 4            | 5e           | FTP    | Toolless   | 1           | 1/24          |
| GW14423   | RJ45        | 4            | 6            | UTP    | Toolless   | 1           | 1/24          |
| GW14424   | RJ45        | 4            | 6            | FTP    | Toolless   | 1           | 1/24          |

APPLICATIONS: LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e; LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

NOTES: circuit identification label included.



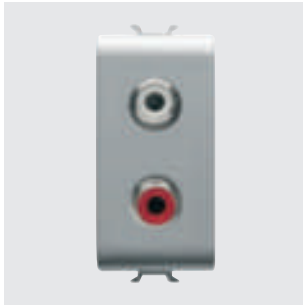
GW 14 431

### ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. modules | Pack / Carton |
|---------|---------------------|-------------|---------------|
| GW14431 | AMP / Keystone Jack | 1           | 1/48          |
| GW14438 | SYSTIMAX COMMSCOPE  | 1           | 1/48          |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the Gewiss adapter.

### AUDIO AND VIDEO SOCKETS



GW 14 453

### AUDIO AND VIDEO SOCKETS

| Code    | Description     | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW14453 | Double RCA      | 1           | 1/24          |
| GW14454 | For loudspeaker | 1           | 1/24          |
| GW14458 | Speaker socket  | 1           | 1/24          |

**CHARACTERISTICS:** GW14453 double RCA stud connector, red and white, weld-in connection.

GW14454, welding connection. GW14458 front access terminals for inserting 1.5mm<sup>2</sup> rigid wires, insulator punching rear connection suitable for cables AWG24 or max 0.25mm<sup>2</sup>.

### USB AND HDMI COUPLERS AND SOCKETS



GW 14 459

### USB SOCKETS

| Code    | Description       | No. modules | Pack / Carton |
|---------|-------------------|-------------|---------------|
| GW14459 | USB socket-outlet | 1           | 1/24          |

**CHARACTERISTICS:** A-type USB 2.0 female connector, with screw terminals on the back.



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## USB CHARGERS



GW 14 449

### USB POWER SUPPLY FOR ELECTRONIC DEVICES

| Code    | Supply voltage            | Output voltage | Max current supplied | Type of port | No. modules | Pack / Carton |
|---------|---------------------------|----------------|----------------------|--------------|-------------|---------------|
| GW14449 | 100 ÷ 240 V ac - 50/60 Hz | 5V dc          | 3 A                  | A+C          | 1           | 1/10          |

**CHARACTERISTICS:** suitable for recharging a single electronic device (e.g. tablet) or two devices simultaneously (e.g. a tablet and smartphone). The division of the current delivered to the two outputs depends on the state of charge of the connected devices.

## PROTECTION - GLOSSY TITANIUM VERSION

### MINIATURE CIRCUIT BREAKERS



GW 14 463

### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code    | Description      | Rated current (A) | Breaking capacity | No. modules | Pack / Carton |
|---------|------------------|-------------------|-------------------|-------------|---------------|
| GW14461 | Single pole (1P) | 6                 | 3 kA              | 1           | 1/12          |
| GW14462 | Single pole (1P) | 10                | 3 kA              | 1           | 1/12          |
| GW14463 | Single pole (1P) | 16                | 3 kA              | 1           | 1/12          |
| GW14466 | Two-pole (1P+N)  | 6                 | 3 kA              | 1           | 1/12          |
| GW14467 | Two-pole (1P+N)  | 10                | 3 kA              | 1           | 1/12          |
| GW14468 | Two-pole (1P+N)  | 16                | 3 kA              | 1           | 1/12          |



GW 14 488

### RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ

| Code    | Description     | Rated current (A) | Breaking capacity | I <sub>dn</sub> | No. modules | Pack / Carton |
|---------|-----------------|-------------------|-------------------|-----------------|-------------|---------------|
| GW14482 | Two-pole (1P+N) | 6                 | 3 kA              | 10 mA           | 2           | 1/6           |
| GW14483 | Two-pole (1P+N) | 6                 | 3 kA              | 30 mA           | 2           | 1/6           |
| GW14485 | Two-pole (1P+N) | 10                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW14486 | Two-pole (1P+N) | 10                | 3 kA              | 30 mA           | 2           | 1/6           |
| GW14488 | Two-pole (1P+N) | 16                | 3 kA              | 10 mA           | 2           | 1/6           |
| GW14489 | Two-pole (1P+N) | 16                | 3 kA              | 30 mA           | 2           | 1/6           |

## PROTECTION DEVICES



GW 14 491

### FUSE HOLDER - 250V AC

| Code    | Rated current (A) | Fuse type   | No. modules | Pack / Carton |
|---------|-------------------|-------------|-------------|---------------|
| GW14491 | 16                | Ø 6.3x32 mm | 1           | 1/12          |

**CHARACTERISTICS:** fuse not included.



GW 14 492

### SURGE PROTECTION DEVICE - 230V AC

| Code    | Uc               | Up  | No. modules | Pack / Carton |
|---------|------------------|-----|-------------|---------------|
| GW14492 | 275 V ac 50/60Hz | 1kV | 1           | 1/12          |

**CHARACTERISTICS:** green LED for status signalling.

**APPLICATIONS:** protection for electronic devices (TV, HI-FI, computer, etc.) from overvoltage of atmospheric origin, or manoeuvres, that could be channelled by the power supply lines.

## INDICATOR - GLOSSY TITANIUM VERSION

### INDICATOR LIGHT DEVICES



GW 14 622

### SINGLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | Colour meaning | No. modules | Pack / Carton |
|---------|-----------------|----------------|-------------|---------------|
| GW14621 | Opal diffuser   | Neutral        | 1           | 1/24          |
| GW14622 | Green           | Safety         | 1           | 1/24          |
| GW14623 | Red             | Danger         | 1           | 1/24          |
| GW14624 | Amber           | Attention      | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 14 629

### DOUBLE INDICATOR LAMPS - 1 MODULE

| Code    | Diffuser colour | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW14628 | Opal diffuser   | 1           | 1/24          |
| GW14629 | Red/green       | 1           | 1/24          |

**CHARACTERISTICS:** LED signalling units, not included.

**APPLICATIONS:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 14 633

### PROTRUDING INDICATOR LAMPS - 2 MODULES

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW14631 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW14632 | 12V ac/dc - 230V ac 50/60 Hz | Green           | White LED | 2           | 1/24          |
| GW14633 | 12V ac/dc - 230V ac 50/60 Hz | Red             | White LED | 2           | 1/24          |
| GW14634 | 12V ac/dc - 230V ac 50/60 Hz | Amber           | White LED | 2           | 1/24          |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

**APPLICATIONS:** suitable for special applications such as the signalling of calls from hospital wards.

**NOTES:** complete with lamp.



GW 14 656

## STAIR RISER LAMP

| Code    | Supply voltage               | Diffuser colour | Lamp      | No. modules | Pack / Carton |
|---------|------------------------------|-----------------|-----------|-------------|---------------|
| GW14651 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 2           | 1/24          |
| GW14656 | 12V ac/dc - 230V ac 50/60 Hz | Opal diffuser   | White LED | 4           | 1/2           |

**CHARACTERISTICS:** highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

## ANTI BLACK-OUT AND EMERGENCY LAMPS



GW 14 661

### EXTRACTABLE ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|---------------|
| GW14661 | 230 V ac - 50/60 Hz | Ni - Mh                | 2 h              | White LED | 1/6           |

**CHARACTERISTICS:** equipped with a 3-position selector on the front panel, for anti black-out, inhibition and night functioning. To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.



GW 14 662

### ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW14662 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 1           | 1/12          |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.



GW 14 663

### AUTONOMOUS EMERGENCY LAMPS

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|-------------|---------------|
| GW14663 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 2           | 1/6           |
| GW14666 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 4           | 1/2           |

**CHARACTERISTICS:** green mains presence signal LED. Highly efficient, white LED lamps.

**APPLICATIONS:** compliant with standard EN60598-2-22.



## ACOUSTIC SIGNALLING DEVICES



GW 14 601

### RINGERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW14601 | 12V ac - 50 Hz  | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |
| GW14602 | 230V ac - 50 Hz | 8 VA                  | 80 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 14 606

### BUZZERS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW14606 | 12V ac - 50 Hz  | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |
| GW14607 | 230V ac - 50 Hz | 8 VA                  | 70 dB (at 1 m)  | 1           | 1/24          |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 14 611

### THREE TONE RINGER AND THREE INDEPENDENT INPUTS

| Code    | Supply voltage  | Max power consumption | Sound intensity | No. modules | Pack / Carton |
|---------|-----------------|-----------------------|-----------------|-------------|---------------|
| GW14611 | 12V ac/dc       | 3 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |
| GW14612 | 230V ac - 50 Hz | 6 VA                  | 80 dB (at 1 m)  | 2           | 1/6           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - GLOSSY TITANIUM VERSION

### TIMER DEVICES



GW 14 581

### ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

| Code    | Supply voltage      | Output contacts                 | No. modules | Pack / Carton |
|---------|---------------------|---------------------------------|-------------|---------------|
| GW14581 | 230 V ac - 50/60 Hz | 1NO/NC 8A(AC1)/4A(AC15) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

## TEMPERATURE CONTROL DEVICES



GW 14 703

### TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

| Code    | Supply voltage      | Temperature adjustment | Output contacts                 | No. modules | Pack / Carton |
|---------|---------------------|------------------------|---------------------------------|-------------|---------------|
| GW14703 | 230 V ac - 50/60 Hz | From +5°C to +40°C     | 1NO/NC 5A(AC1)/2A(AC15) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 14 705

### THERMOSTAT

| Code    | Supply voltage      | Temperature adjustment | Output contacts          | No. modules | Pack / Carton |
|---------|---------------------|------------------------|--------------------------|-------------|---------------|
| GW14705 | 230 V ac - 50/60 Hz | From +5°C to +35°C     | 1NO / NC 8A(AC1) 250V ac | 2           | 1/2           |

**CHARACTERISTICS:** choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).  
Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates mains presence.

## DIMMER



GW 14 575

### UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code    | Supply voltage  | No. modules | Pack / Carton |
|---------|-----------------|-------------|---------------|
| GW14575 | 230V ac - 50 Hz | 1           | 1/12          |

**CHARACTERISTICS:** suitable for dimming incandescent and halogen lamps 230 V ac (10-160 W); low-voltage halogen lamps (12 V ac) with electronic transformers (10-160 W) and LED lamps 230 V ac (4-160W), rotary control with 2-way switch. Equipped with amber-colour-red signalling LED. Can be operated without neutral connection.

**NOTES:** the installation of more than one dimmer side-by-side in a single container is not permitted. To avoid overheating, insert a blanking module between two dimmers. If installing two dimmers in the same box, the maximum loads that can be controlled by each dimmer must be reduced by 50%.



GW 14 564

### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code      | Supply voltage      | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|-----------|---------------------|------------------------|------------------------|-------------|---------------|
| GW14564   | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 1/12          |
| GW14564DY | 230 V ac - 50/60 Hz | 100 - 900 W            | 40 - 300 VA            | 1           | 10/100        |
| GW14567   | 230 V ac - 50/60 Hz | 100 - 500 W            | 100 - 500 VA           | 1           | 1/12          |

**CHARACTERISTICS:** with signalling led orange. GW14567 rotary command with two-way switch.

GW14564 compliance with the EMC directive is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact Gewiss Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW 14 568

### ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage  | Resistive load 230V ac | Inductive load 230V ac | No. modules | Pack / Carton |
|---------|-----------------|------------------------|------------------------|-------------|---------------|
| GW14568 | 230V ac - 50 Hz | 60 - 500 W             | 60 - 500 VA            | 1           | 1/12          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side by side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

## TECHNICAL ALARMS - GLOSSY TITANIUM VERSION

### GAS DETECTORS



GW 10 720

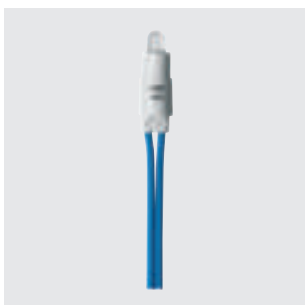
### POWER SUPPLY UNIT 12VDC

| Code    | Supply voltage            | Output voltage | Max current supplied | Dimensions LxHxD (mm) | Pack / Carton |
|---------|---------------------------|----------------|----------------------|-----------------------|---------------|
| GW10720 | 100 ÷ 240 V ac - 50/60 Hz | 12V dc         | 300 mA               | 52x33x17              | 1/10          |

**APPLICATIONS:** to be used for powering LPG detectors (GW1x711, GW2x868, GW30520), methane detectors (GW1x712, GW2x867, GW30519); Thermo ICE KNX (GW16974CB, GW16974CL, GW16974CN, GW16974CT) thermostats.

## ACCESSORIES

### SIGNALLING UNITS



GW10 881

#### LED SIGNALLING UNITS - 230 V AC - 0.6 W

| Code             | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|---------------------|------------|------|---------------|--------------|---------------|
| <b>GW10881DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| <b>GW10882DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



GW10 894

#### LED SIGNALLING UNITS - 12-24 V AC/DC - 0.6 W

| Code             | Lamp voltage | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|--------------|------------|------|---------------|--------------|---------------|
| <b>GW10894DY</b> | 12-24V ac/dc | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



# ChoruSmart



Scan the QR Code and find out all the technical informations.

## INNOVATIVE



ChoruSmart offers the best technologies for an aesthetic and functional experience suitable for every person. In particular, the new EVO axial and touch controls offer the ability to centralize the management of lights and shutters with an extremely simplified installation.

## AESTHETIC VARIABILITY

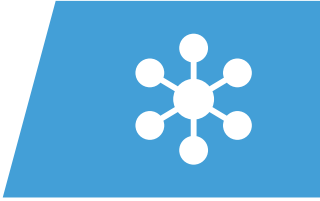


The wide range of options for customising the devices, in terms of colour and modularity, ensures a vast choice of solutions. Six colourways are available: three with a satin finish and three with a glossy finish, for a perfect match between the devices and the plate.

## SCALABLE



ChoruSmart began as a traditional domestic series, but with the addition of a few Connected Smart Home or Home&Building Pro elements, it can become smart and suitable for both renovations and new buildings. The combination of colours, materials, finishes and shapes offers something for every taste and need.



# SYSTEM



## Domestic range

PLATES

*pag. 304*



## Domestic range

MODULAR DEVICES

*pag. 316*

# System

## Plates

The technopolymer plates, available in two different shapes, Top System and Virna, and in 14 colour shades are the ideal solution for every installation. Top System: classic forms, resistant materials. A line of simple, functional plates that can enhance every environment, bringing harmony and beauty to the entire home. Virna: plates with unmistakable modern style, created to meet the needs of contemporary design. The elegance of the rectangular form is enhanced by the lightness and simplicity of the lines which surround the command buttons.



## TOP SYSTEM PLATES

### TECHNOPOLYMER



GW 22 503

#### TOP SYSTEM - CLOUD WHITE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22501 | 1 module    | -             | GW24201           | 96            |
| GW22502 | 2 modules   | -             | GW24262           | 96            |
| GW22503 | 3 modules   | -             | GW24201           | 96            |
| GW22504 | 4 modules   | -             | GW24202           | 96            |
| GW22506 | 6 modules   | -             | GW24230           | 48            |
| GW22507 | 4+4 modules | Overlapping   | GW24240           | 6             |
| GW22508 | 6+6 modules | Overlapping   | GW24241           | 6             |

CHARACTERISTICS: glossy finish.



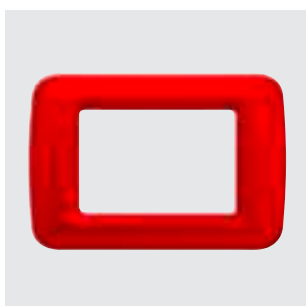
GW 22 513

#### TOP SYSTEM - TONER BLACK

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22511 | 1 module    | -             | GW24201           | 96            |
| GW22512 | 2 modules   | -             | GW24262           | 12            |
| GW22513 | 3 modules   | -             | GW24201           | 96            |
| GW22514 | 4 modules   | -             | GW24202           | 12            |
| GW22516 | 6 modules   | -             | GW24230           | 8             |
| GW22517 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

### TECHNOPOLYMER, IN PASTEL COLOURS



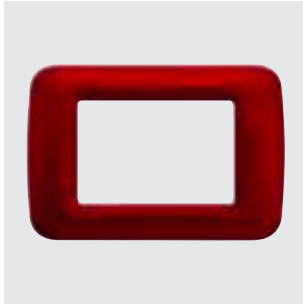
GW 22 523

#### TOP SYSTEM - GERANIUM RED

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22521 | 1 module    | -             | GW24201           | 24            |
| GW22522 | 2 modules   | -             | GW24262           | 12            |
| GW22523 | 3 modules   | -             | GW24201           | 24            |
| GW22524 | 4 modules   | -             | GW24202           | 12            |
| GW22526 | 6 modules   | -             | GW24230           | 8             |
| GW22527 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.





GW 22 533

### TOP SYSTEM - CLASSIC BURGUNDY

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22531 | 1 module    | -             | GW24201           | 24            |
| GW22532 | 2 modules   | -             | GW24262           | 12            |
| GW22533 | 3 modules   | -             | GW24201           | 24            |
| GW22534 | 4 modules   | -             | GW24202           | 12            |
| GW22536 | 6 modules   | -             | GW24230           | 8             |
| GW22537 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

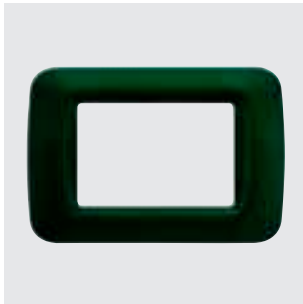


GW 22 543

### TOP SYSTEM - VENETIAN GREEN

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22541 | 1 module    | -             | GW24201           | 24            |
| GW22542 | 2 modules   | -             | GW24262           | 12            |
| GW22543 | 3 modules   | -             | GW24201           | 24            |
| GW22544 | 4 modules   | -             | GW24202           | 12            |
| GW22546 | 6 modules   | -             | GW24230           | 8             |
| GW22547 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 553

### TOP SYSTEM - RACING GREEN

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22551 | 1 module    | -             | GW24201           | 24            |
| GW22552 | 2 modules   | -             | GW24262           | 12            |
| GW22553 | 3 modules   | -             | GW24201           | 24            |
| GW22554 | 4 modules   | -             | GW24202           | 12            |
| GW22556 | 6 modules   | -             | GW24230           | 8             |
| GW22557 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

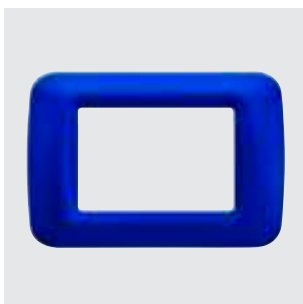


GW 22 563

### TOP SYSTEM - SKY BLUE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22561 | 1 module    | -             | GW24201           | 24            |
| GW22562 | 2 modules   | -             | GW24262           | 12            |
| GW22563 | 3 modules   | -             | GW24201           | 24            |
| GW22564 | 4 modules   | -             | GW24202           | 12            |
| GW22566 | 6 modules   | -             | GW24230           | 8             |
| GW22567 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 573

### TOP SYSTEM - JAZZ BLUE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22571 | 1 module    | -             | GW24201           | 24            |
| GW22572 | 2 modules   | -             | GW24262           | 12            |
| GW22573 | 3 modules   | -             | GW24201           | 24            |
| GW22574 | 4 modules   | -             | GW24202           | 12            |
| GW22576 | 6 modules   | -             | GW24230           | 8             |
| GW22577 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

# System



GW 22 583

## TOP SYSTEM - CORN YELLOW

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22581 | 1 module    | -             | GW24201           | 24            |
| GW22582 | 2 modules   | -             | GW24262           | 12            |
| GW22583 | 3 modules   | -             | GW24201           | 24            |
| GW22584 | 4 modules   | -             | GW24202           | 12            |
| GW22586 | 6 modules   | -             | GW24230           | 8             |
| GW22587 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

## PAINTED TECHNOPOLYMER



GW 22 603

## TOP SYSTEM - TITANIUM

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22601 | 1 module    | -             | GW24201           | 12            |
| GW22602 | 2 modules   | -             | GW24262           | 12            |
| GW22603 | 3 modules   | -             | GW24201           | 12            |
| GW22604 | 4 modules   | -             | GW24202           | 12            |
| GW22606 | 6 modules   | -             | GW24230           | 8             |
| GW22607 | 4+4 modules | Overlapping   | GW24240           | 6             |
| GW22608 | 6+6 modules | Overlapping   | GW24241           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 613

## TOP SYSTEM - SLATE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22611 | 1 module    | -             | GW24201           | 12            |
| GW22612 | 2 modules   | -             | GW24262           | 12            |
| GW22613 | 3 modules   | -             | GW24201           | 12            |
| GW22614 | 4 modules   | -             | GW24202           | 12            |
| GW22616 | 6 modules   | -             | GW24230           | 8             |
| GW22617 | 4+4 modules | Overlapping   | GW24240           | 6             |
| GW22618 | 6+6 modules | Overlapping   | GW24241           | 6             |

CHARACTERISTICS: glossy finish.

## TECHNOPOLYMER, CLASSIC COLOUR



GW 22 673

## TOP SYSTEM - ENGLISH WALNUT

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22671 | 1 module    | -             | GW24201           | 12            |
| GW22672 | 2 modules   | -             | GW24262           | 12            |
| GW22673 | 3 modules   | -             | GW24201           | 12            |
| GW22674 | 4 modules   | -             | GW24202           | 12            |
| GW22676 | 6 modules   | -             | GW24230           | 8             |
| GW22677 | 4+4 modules | Overlapping   | GW24240           | 6             |

## METALLISED TECHNOPOLYMER



GW 22 653

### TOP SYSTEM - SOFT CHROME

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22651 | 1 module    | -             | GW24201           | 12            |
| GW22652 | 2 modules   | -             | GW24262           | 12            |
| GW22653 | 3 modules   | -             | GW24201           | 12            |
| GW22654 | 4 modules   | -             | GW24202           | 12            |
| GW22656 | 6 modules   | -             | GW24230           | 8             |
| GW22657 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 663

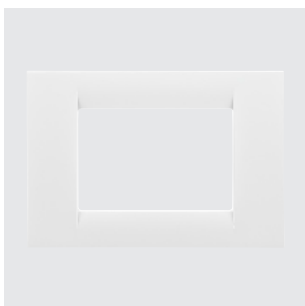
### TOP SYSTEM - ANTIQUE GOLD

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22661 | 1 module    | -             | GW24201           | 12            |
| GW22662 | 2 modules   | -             | GW24262           | 12            |
| GW22663 | 3 modules   | -             | GW24201           | 12            |
| GW22664 | 4 modules   | -             | GW24202           | 12            |
| GW22666 | 6 modules   | -             | GW24230           | 8             |
| GW22667 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

## VIRNA PLATES

### TECHNOPOLYMER

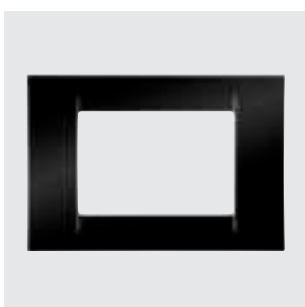


GW 22 103

### VIRNA - CLOUD WHITE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22101 | 1 module    | -             | GW24201           | 96            |
| GW22102 | 2 modules   | -             | GW24262           | 96            |
| GW22103 | 3 modules   | -             | GW24201           | 96            |
| GW22104 | 4 modules   | -             | GW24202           | 96            |
| GW22106 | 6 modules   | -             | GW24230           | 48            |
| GW22107 | 4+4 modules | Overlapping   | GW24240           | 6             |
| GW22108 | 6+6 modules | Overlapping   | GW24241           | 6             |

CHARACTERISTICS: glossy finish.



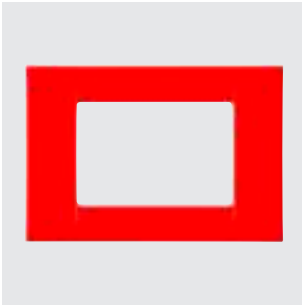
GW 22 113

### VIRNA - TONER BLACK

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22111 | 1 module    | -             | GW24201           | 96            |
| GW22112 | 2 modules   | -             | GW24262           | 12            |
| GW22113 | 3 modules   | -             | GW24201           | 96            |
| GW22114 | 4 modules   | -             | GW24202           | 12            |
| GW22116 | 6 modules   | -             | GW24230           | 8             |
| GW22117 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

## TECHNOPOLYMER, IN PASTEL COLOURS

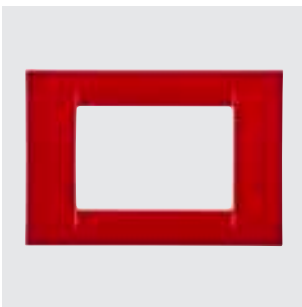


GW 22 123

### VIRNA - GERANIUM RED

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22121 | 1 module    | -             | GW24201           | 24            |
| GW22122 | 2 modules   | -             | GW24262           | 12            |
| GW22123 | 3 modules   | -             | GW24201           | 24            |
| GW22124 | 4 modules   | -             | GW24202           | 12            |
| GW22126 | 6 modules   | -             | GW24230           | 8             |
| GW22127 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

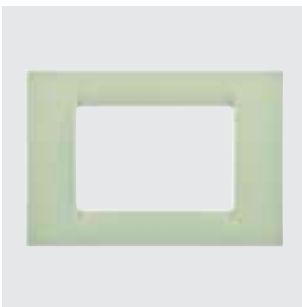


GW 22 133

### VIRNA - CLASSIC BURGUNDY

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22131 | 1 module    | -             | GW24201           | 24            |
| GW22132 | 2 modules   | -             | GW24262           | 12            |
| GW22133 | 3 modules   | -             | GW24201           | 24            |
| GW22134 | 4 modules   | -             | GW24202           | 12            |
| GW22136 | 6 modules   | -             | GW24230           | 8             |
| GW22137 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

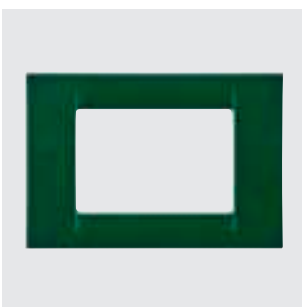


GW 22 143

### VIRNA - VENETIAN GREEN

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22141 | 1 module    | -             | GW24201           | 24            |
| GW22142 | 2 modules   | -             | GW24262           | 12            |
| GW22143 | 3 modules   | -             | GW24201           | 24            |
| GW22144 | 4 modules   | -             | GW24202           | 12            |
| GW22146 | 6 modules   | -             | GW24230           | 8             |
| GW22147 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

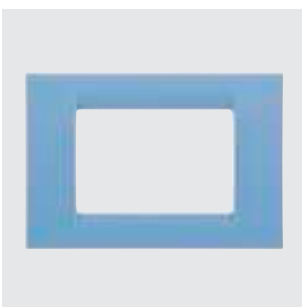


GW 22 153

### VIRNA - RACING GREEN

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22151 | 1 module    | -             | GW24201           | 24            |
| GW22152 | 2 modules   | -             | GW24262           | 12            |
| GW22153 | 3 modules   | -             | GW24201           | 24            |
| GW22154 | 4 modules   | -             | GW24202           | 12            |
| GW22156 | 6 modules   | -             | GW24230           | 8             |
| GW22157 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

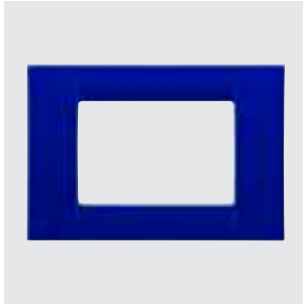


GW 22 163

### VIRNA - SKY BLUE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22161 | 1 module    | -             | GW24201           | 24            |
| GW22162 | 2 modules   | -             | GW24262           | 12            |
| GW22163 | 3 modules   | -             | GW24201           | 24            |
| GW22164 | 4 modules   | -             | GW24202           | 12            |
| GW22166 | 6 modules   | -             | GW24230           | 8             |
| GW22167 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 173

### VIRNA - JAZZ BLUE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22171 | 1 module    | -             | GW24201           | 24            |
| GW22172 | 2 modules   | -             | GW24262           | 12            |
| GW22173 | 3 modules   | -             | GW24201           | 24            |
| GW22174 | 4 modules   | -             | GW24202           | 12            |
| GW22176 | 6 modules   | -             | GW24230           | 8             |
| GW22177 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.



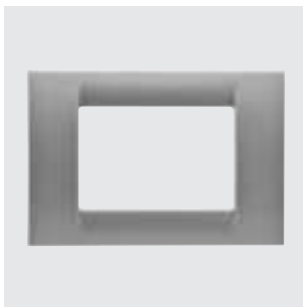
GW 22 183

### VIRNA - CORN YELLOW

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22181 | 1 module    | -             | GW24201           | 24            |
| GW22182 | 2 modules   | -             | GW24262           | 12            |
| GW22183 | 3 modules   | -             | GW24201           | 24            |
| GW22184 | 4 modules   | -             | GW24202           | 12            |
| GW22186 | 6 modules   | -             | GW24230           | 8             |
| GW22187 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

## PAINTED TECHNOPOLYMER



GW 22 283

### VIRNA - TITANIUM

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22281 | 1 module    | -             | GW24201           | 12            |
| GW22282 | 2 modules   | -             | GW24262           | 12            |
| GW22283 | 3 modules   | -             | GW24201           | 24            |
| GW22284 | 4 modules   | -             | GW24202           | 12            |
| GW22286 | 6 modules   | -             | GW24230           | 8             |
| GW22287 | 4+4 modules | Overlapping   | GW24240           | 6             |
| GW22288 | 6+6 modules | Overlapping   | GW24241           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 293

### VIRNA - SLATE

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22291 | 1 module    | -             | GW24201           | 12            |
| GW22292 | 2 modules   | -             | GW24262           | 12            |
| GW22293 | 3 modules   | -             | GW24201           | 24            |
| GW22294 | 4 modules   | -             | GW24202           | 12            |
| GW22296 | 6 modules   | -             | GW24230           | 8             |
| GW22297 | 4+4 modules | Overlapping   | GW24240           | 6             |
| GW22298 | 6+6 modules | Overlapping   | GW24241           | 6             |

CHARACTERISTICS: glossy finish.

## TECHNOPOLYMER, CLASSIC COLOUR

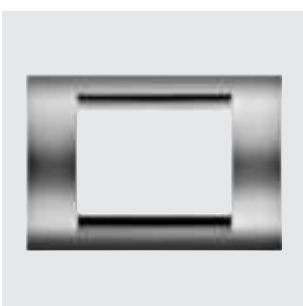


GW 22 273

### VIRNA - ENGLISH WALNUT

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22271 | 1 module    | -             | GW24201           | 12            |
| GW22272 | 2 modules   | -             | GW24262           | 12            |
| GW22273 | 3 modules   | -             | GW24201           | 24            |
| GW22274 | 4 modules   | -             | GW24202           | 12            |
| GW22276 | 6 modules   | -             | GW24230           | 8             |
| GW22277 | 4+4 modules | Overlapping   | GW24240           | 6             |

## METALLISED TECHNOPOLYMER



GW 22 253

### VIRNA - SOFT CHROME

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22251 | 1 module    | -             | GW24201           | 12            |
| GW22252 | 2 modules   | -             | GW24262           | 12            |
| GW22253 | 3 modules   | -             | GW24201           | 24            |
| GW22254 | 4 modules   | -             | GW24202           | 12            |
| GW22256 | 6 modules   | -             | GW24230           | 8             |
| GW22257 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.



GW 22 263

### VIRNA - ANTIQUE GOLD

| Code    | Description | Configuration | For support codes | Pack / Carton |
|---------|-------------|---------------|-------------------|---------------|
| GW22261 | 1 module    | -             | GW24201           | 12            |
| GW22262 | 2 modules   | -             | GW24262           | 12            |
| GW22263 | 3 modules   | -             | GW24201           | 24            |
| GW22264 | 4 modules   | -             | GW24202           | 12            |
| GW22266 | 6 modules   | -             | GW24230           | 8             |
| GW22267 | 4+4 modules | Overlapping   | GW24240           | 6             |

CHARACTERISTICS: glossy finish.

## SPECIAL PLATES, ENCLOSURES AND SUPPORTS

### COMPACT SELF-SUPPORTING PLATES



GW 24 001

#### SELF-SUPPORTING PLATES - CLOUD WHITE



| Code    | Description | Configuration | For flush mounting box | For wall mounting boxes | Characteristics | Pack / Carton |
|---------|-------------|---------------|------------------------|-------------------------|-----------------|---------------|
| GW24001 | 1 module    | -             | GW24403, GW24403PM     | GW24006                 | Halogen free    | 1/120         |
| GW24002 | 2 modules   | -             | GW24403, GW24403PM     | GW24006                 | Halogen free    | 1/120         |
| GW24003 | 3 modules   | -             | GW24403, GW24403PM     | GW24006                 | Halogen free    | 1/120         |
| GW24004 | 4 modules   | -             | GW24404, GW24404PM     | -                       | Halogen free    | 1/60          |
| GW24005 | 3+3 modules | Overlapping   | GW24206                | GW24007                 | Halogen free    | 1/60          |



GW 24 211

#### BLANK PLATES FOR RECTANGULAR FLUSH-MOUNTING BOXES



| Code    | Description | Configuration | Fixing     | Colour      | Characteristics | Pack / Carton |
|---------|-------------|---------------|------------|-------------|-----------------|---------------|
| GW24211 | 3 modules   | -             | With screw | Cloud white | Halogen free    | 1/120         |
| GW24212 | 3 modules   | -             | With screw | Toner black | Halogen free    | 1/120         |
| GW24213 | 4 modules   | -             | With screw | Cloud white | Halogen free    | 1/60          |
| GW24214 | 4 modules   | -             | With screw | Toner black | Halogen free    | 1/60          |
| GW24215 | 3+3 modules | Overlapping   | With screw | Cloud white | Halogen free    | 1/60          |
| GW24216 | 3+3 modules | Overlapping   | With screw | Toner black | Halogen free    | 1/60          |

## WATERTIGHT PLATES



GW 22 451

### SELF-SUPPORTING WATERTIGHT PLATES FOR INSTALLATION ON FLUSH-MOUNTING RECTANGULAR BOXES - IP55

| Code    | Description | Colour Plate  | For flush mounting box | Pack / Carton |
|---------|-------------|---------------|------------------------|---------------|
| GW22451 | 3 modules   | Cloud white   | GW24403, GW24403PM     | 30            |
| GW22452 | 3 modules   | Black         | GW24403, GW24403PM     | 30            |
| GW22453 | 3 modules   | Grey RAL 7035 | GW24403, GW24403PM     | 30            |
| GW22461 | 4 modules   | Cloud white   | GW24404, GW24404PM     | 30            |
| GW22462 | 4 modules   | Black         | GW24404, GW24404PM     | 30            |
| GW22463 | 4 modules   | Grey RAL 7035 | GW24404, GW24404PM     | 30            |

**CHARACTERISTICS:** ergonomic membrane with notches in UV-resistant material. Snap closing system. Opening made easy by wide key.

## PLATES FOR PROFILES



GW 24 008

### SELF-SUPPORTING PLATES FOR PROFILES AND PANELS COMPLETE WITH INSULATING BOX

| Code    | Description | Configuration | Colour Plate | Pack / Carton |
|---------|-------------|---------------|--------------|---------------|
| GW24008 | 1 module    | -             | Cloud white  | 1/60          |
| GW24009 | 1 module    | -             | Toner black  | 1/60          |
| GW24010 | 2 modules   | -             | Cloud white  | 1/60          |
| GW24011 | 2 modules   | -             | Toner black  | 1/60          |
| GW24022 | 2+2 modules | Overlapping   | Cloud white  | 1/30          |
| GW24023 | 2+2 modules | Overlapping   | Toner black  | 1/30          |

**CHARACTERISTICS:** box colour, Grey RAL7035.



## WALL-MOUNTING BOXES



GW 22 471

### WALL-MOUNTING BOXES FOR TOP SYSTEM PLATES



| Code      | Suitable for             | Colour      | For trunking dim. (mm) | For conduits max Ø (mm) | Characteristics | Pack / Carton |
|-----------|--------------------------|-------------|------------------------|-------------------------|-----------------|---------------|
| GW22471   | 1/2/3 modules TOP SYSTEM | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | Halogen free    | 3/60          |
| GW22471DY | 1/2/3 modules TOP SYSTEM | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | Halogen free    | 3/60          |
| GW22472   | 4 modules TOP SYSTEM     | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | Halogen free    | 3/30          |
| GW22472DY | 4 modules TOP SYSTEM     | Cloud white | 14x8.5 30x13 20x10     | 16 - 20                 | Halogen free    | 3/30          |

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.



GW 24 006

### WALL-MOUNTING BOXES FOR COMPACT SELF-SUPPORTING PLATES



| Code    | Suitable for          | Colour      | For trunking dim. (mm) | For conduits max Ø (mm) | Characteristics | Pack / Carton |
|---------|-----------------------|-------------|------------------------|-------------------------|-----------------|---------------|
| GW24006 | 1/2/3 modules COMPACT | Cloud white | 14x8.5 30x13 20x10     | 16 - 20 - 25            | Halogen free    | 3/60          |
| GW24007 | 3+3 modules COMPACT   | Cloud white | 14x8.5 30x13 20x10     | 16 - 20 - 25            | Halogen free    | 3/30          |

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.

## FREE-STANDING AND WALL-MOUNTING ENCLOSURES



GW 24 018

### FREE-STANDING AND WALL-MOUNTING ENCLOSURES

| Code    | Description | Colour      | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------|-------------|-----------------------|---------------|
| GW24018 | 4 modules   | Cloud white | 126x91x60             | 1/30          |
| GW24019 | 4 modules   | Toner black | 126x91x60             | 1/30          |
| GW24020 | 6 modules   | Cloud white | 181x91x60             | 1/20          |
| GW24021 | 6 modules   | Toner black | 181x91x60             | 1/20          |

ACCESSORIES SUPPLIED: cable gland (for max Ø 10 mm cable), cable clamp.

## SUPPORTS



GW 24 201

### INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA PLATES ON RECTANGULAR BOXES



| Code        | Description | Configuration | Fixing              | Characteristics | Pack / Carton |
|-------------|-------------|---------------|---------------------|-----------------|---------------|
| GW24201CO   | 3 modules   | -             | 2 screws (included) | Halogen free    | 10/150        |
| GW24201DY   | 3 modules   | -             | 2 screws (included) | Halogen free    | 1/200         |
| GW24202CO   | 4 modules   | -             | 2 screws (included) | Halogen free    | 10/120        |
| GW24202DY   | 4 modules   | -             | 2 screws (included) | Halogen free    | 1/100         |
| GW24230DY01 | 6 modules   | -             | 4 screws (included) | Halogen free    | 12/48         |
| GW24240DY   | 4+4 modules | Overlapping   | 4 screws (included) | Halogen free    | 1/6           |
| GW24241DY   | 6+6 modules | Overlapping   | 4 screws (included) | Halogen free    | 1/6           |

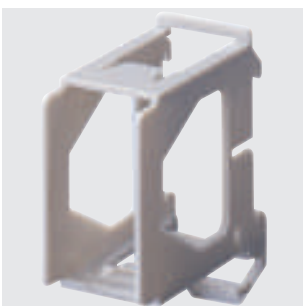


GW 24 262

### INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA PLATES ON SQUARE/RECTANGULAR BOXES



| Code      | Description | Fixing              | Characteristics | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW24262CO | 2 modules   | 2 screws (included) | Halogen free    | 10/150        |
| GW24262DY | 2 modules   | 2 screws (included) | Halogen free    | 1/80          |



GW 26 409

### SUPPORTS FOR ASSEMBLING SYSTEM DEVICES ON DIN RAIL

| Code        | Description | No. DIN modules | Pack / Carton |
|-------------|-------------|-----------------|---------------|
| GW26409DY01 | 1 module    | 1.5             | 10/100        |
| GW26410DY01 | 2 modules   | 3               | 10/60         |



# System



Scan the QR Code and find out all the technical informations.

## TWO LINES, ONE SINGLE OFFER



The System range includes two lines of plates, one more rounded and the other with a squarer design, in a domestic series recognised for its reliability and robustness.

## A COMPLETE SOLUTION



The System devices are compatible with a wide range of accessories and can be installed in any electrical installation: flush- and surface-mounted rectangular boxes, flush-mounted square boxes, profiles and DIN rails, floor turrets and 27 Combi enclosures.

## INSTALLATION FLEXIBILITY



The domestic System series offers maximum application flexibility. It is highly versatile, with two attachment options, from the front or back of the support, making the mounting and release of devices quick and easy.

# System

## Modular devices

The System modular devices make it possible to create infinite combination between devices and plates, thanks to a complete range that is able to satisfy all design, functional and installation requirements. Colour and finiture: glossy white, bright and versatile  
Ideal for flush-mounting solutions (for rectangular or square boxes), surface-mounting solutions, and for special applications. The range includes commands, socket- outlets, protection, indicators, connectors and devices for the control, safety and comfort of your home.



## COMMAND - SYSTEM WHITE

### COMMAND DEVICES



GW 20 571

#### ONE-WAY SWITCHES - 250V AC

| Code         | Description           | Button key                    | Symbol | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|--------------|-----------------------|-------------------------------|--------|-------------------------------|--------------------|---------------|
| GW20571RDY   | 1P - 16AX             | Neutral                       | -      | 200 W                         | 1                  | 10/100        |
| GW20571RDY01 | 1P - 16AX             | Neutral                       | -      | 200 W                         | 1                  | 16/64         |
| GW20572DY01  | 1P - 16 AX backlit    | With replaceable neutral lens | -      | 200 W                         | 1                  | 10/100        |
| GW20583DY    | 1P - 16AX illuminable | With replaceable neutral lens | -      | 200 W                         | 1                  | 20/320        |
| GW20503CO    | 2P - 16 AX            | Neutral                       | 0/1    | 200 W                         | 1                  | 10/100        |
| GW20005      | 2P - 10AX             | With key                      | 0/1    | 100 W                         | 1                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included.

**ACCESSORIES SUPPLIED:** GW20572, GW20504 - red fluorescent 230Vac (0.4W) signalling unit. GW20005 supplied with 2 keys. The key can be extracted in both positions. Spare keys: GW20901.



GW 20 585

#### ONE-WAY SWITCH 2P FOR HEAVY-DUTY INSTALLATIONS - 25A - 250V AC

| Code    | Description | Button key | Symbol | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|---------|-------------|------------|--------|-------------------------------|--------------------|---------------|
| GW20585 | 25 AX       | Neutral    | 0/1    | 250 W                         | 1                  | 15/30         |
| GW20581 | 32 A        | Neutral    | 0/1    | 250 W                         | 1                  | 15/30         |

**CHARACTERISTICS:** suitable for particular heavy-duty loads (e.g. set of fluorescent lamp) or high consumption devices (ovens, air-conditioners, boilers, etc.).



GW 20 576

#### TWO-WAY SWITCHES 1P - 250V AC

| Code      | Description | Button key | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------------|-------------------------------|--------------------|---------------|
| GW20576CO | 1P - 16AX   | Neutral    | 200 W                         | 1                  | 1/100         |
| GW20008   | 1P - 10AX   | With key   | 100 W                         | 1                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included.

**ACCESSORIES SUPPLIED:** GW20577 - red fluorescent 230Vac (0.4W) signalling unit. GW20008 supplied with 2 keys. The key can be extracted in both positions. Spare keys: GW20901.



GW 20 579

#### INTERMEDIATE SWITCH 1P - 250V AC

| Code      | Description | Button key | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------------|-------------------------------|--------------------|---------------|
| GW20579CO | 1P - 16AX   | Neutral    | 200 W                         | 1                  | 10/100        |
| GW20579DY | 1P - 16AX   | Neutral    | 200 W                         | 1                  | 20/320        |



GW 20 559

### THREE-WAY SWITCH 1P - 250V AC

| Code      | Description | Button key | Symbol    | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------------|-----------|-------------------------------|--------------------|---------------|
| GW20559DY | 1P - 10AX   | Neutral    | UP - DOWN | 100 W                         | 1                  | 20/320        |

**CHARACTERISTICS:** three standing positions. Both contacts are open in the central position (OFF).

GW20528 - not-illuminated product; equipped with neutral lens.

**APPLICATIONS:** command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal), 2-user selective control.



GW 20 510

### PUSH-BUTTONS - 250V AC

| Code        | Description              | Button key                    | Symbol    | No. SYSTEM modules | Pack / Carton |
|-------------|--------------------------|-------------------------------|-----------|--------------------|---------------|
| GW20510CO   | 1P NO - 10A              | Neutral                       | -         | 1                  | 10/100        |
| GW20512CO   | 1P NO - 10A              | With symbol                   | Bell      | 1                  | 1/100         |
| GW20515DY   | 1P NO - 10 A backlit     | With replaceable neutral lens | -         | 1                  | 20/320        |
| GW20529DY   | 1P NO - 10A illuminable  | With replaceable neutral lens | -         | 1                  | 20/320        |
| GW20531     | 1P NC - 10 A illuminable | With replaceable neutral lens | -         | 1                  | 15/30         |
| GW20521DY01 | 1P NO+NO - 10A           | With interlock                | UP - DOWN | 1                  | 10/100        |
| GW20518     | 2P NO - 10A              | With pull-cord                | -         | 1                  | 20/40         |
| GW20530     | 2P NO - 10A              | With key                      | 0/1       | 1                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included. GW20520, GW20521, both contacts are open in the central position (OFF).

**ACCESSORIES SUPPLIED:** GW20515 - red fluorescent 230Vac (0.4W) signalling unit. GW20516 - white LED 12/24Vac/dc (0.4W) signalling unit. GW20518, cord in insulating material, 140cm long, with a knob. GW20530 supplied with 2 keys. Spare keys: GW30912.



GW 20 024

### PUSH-BUTTONS WITH ILLUMINABLE NAME-PLATE - 250V AC

| Code    | Description | Lamp voltage | Lamp                    | Lamp power | No. SYSTEM modules | Pack / Carton |
|---------|-------------|--------------|-------------------------|------------|--------------------|---------------|
| GW20591 | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp S6x36 mm | 2 W        | 2                  | 15/30         |
| GW20024 | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp S6x36 mm | 2 W        | 3                  | 20/40         |

**CHARACTERISTICS:** supplied without lamp.



GW 20 589

### WIDE-BUTTON ILLUMINABLE CONTROL DEVICES - 2M - 250V AC

| Code      | Description                | Button key    | Type                | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|----------------------------|---------------|---------------------|-------------------------------|--------------------|---------------|
| GW20589DY | 1P - 16 AX - illuminable   | With diffuser | Switch              | 200 W                         | 2                  | 10/100        |
| GW20580   | 1P - 16 AX - illuminable   | With diffuser | Intermediate switch | 200 W                         | 2                  | 1/15          |
| GW20527   | 1P NO - 10 A - illuminable | With diffuser | Push-button         | -                             | 2                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included.

## BLANKING MODULES AND OUTLET



GW 20 056

### BLANKING MODULES AND CABLE OUTLET

| Code        | Description | No. SYSTEM modules | Pack / Carton |
|-------------|-------------|--------------------|---------------|
| GW20056DY   | 1 module    | 1                  | 1/99          |
| GW20056DY01 | 1 module    | 1                  | 1/48          |
| GW20073     | 2 modules   | 2                  | 30/60         |

**APPLICATIONS:** in addition to their normal use, they permit installing signal socket-outlets, microswitches and LEDs after appropriate drilling/preparation.

## MOVEMENT DETECTOR



GW 20 821

### IR MOVEMENT DETECTOR

| Code    | Supply voltage    | Output contacts     | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|---------------------|--------------------|---------------|
| GW20821 | 230V ac - 50/60Hz | 1NO 3A(AC1) 250V ac | 1                  | 1/6           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited. Sensor with fixed lens. Suitable for commanding halogen lamps/resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA. Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.

**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through. Comfort and safety: automatic command of circuits without needing to activate one-way switches.

**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly.

## RELAY



GW 20 071

### LATCHING RELAY

| Code    | No. of poles | Output contacts | Coil            | No. SYSTEM modules | Pack / Carton |
|---------|--------------|-----------------|-----------------|--------------------|---------------|
| GW20071 | 1            | 10 AX 250V ac   | 230V ac - 50 Hz | 1                  | 1/5           |
| GW20072 | 2            | 10 AX 250V ac   | 230V ac - 50 Hz | 1                  | 1/5           |

**CHARACTERISTICS:** suitable for commanding incandescent/halogen lamps: 800 W, fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W.

**APPLICATIONS:** command of lighting devices from several points, via push-buttons. Start/stop control of motors (extractors, air agitators, etc.).



GW 20 074

### MONOSTABLE RELAY

| Code    | No. of poles | Output contacts                     | Coil            | No. SYSTEM modules | Pack / Carton |
|---------|--------------|-------------------------------------|-----------------|--------------------|---------------|
| GW20074 | 1            | 1 NO/NC 10A(AC1) / 4A(AC15) 250V ac | 230V ac - 50 Hz | 1                  | 1/5           |

**APPLICATIONS:** As an auxiliary element to control special loads, for remote signalling, and for electrical separation between control and user circuits.



GW 20 076

### CALL RELAY - 12V

| Code    | Supply voltage | No. of poles | Output contacts       | No. SYSTEM modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|--------------------|---------------|
| GW20076 | 12V ac/dc      | 1            | 1NO/NC 12 V (max. 1A) | 1                  | 1/5           |

CHARACTERISTICS: reset button integrated on the front and green mains presence indicator lamp.

## POWER - SYSTEM WHITE

### SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD



GW 20 203

#### ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description | Type | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------|---------------|--------------------|---------------|
| GW20201C0 | 2P+E - 10A  | P11  | Ø 4 mm        | 1                  | 1/100         |

CHARACTERISTICS: with safety shields.



GW 20 205

#### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description               | Earth pit        | Type | For plug pins    | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|------------------|------|------------------|--------------------|---------------|
| GW20246DY | 2P+E - 16 A Dual amperage | Side and central | P40  | Ø 4 / 4.8 / 5 mm | 2                  | 20/160        |

CHARACTERISTICS: with safety shields.



GW 20 291

#### ITALIAN STANDARD DUAL SOCKET-OUTLET - 250V AC

| Code    | Description          | Type   | For plug pins | Input  | No. SYSTEM modules | Pack / Carton |
|---------|----------------------|--------|---------------|--------|--------------------|---------------|
| GW20291 | 2x2P+E 16A Dual amp. | P17-11 | Ø 4 / 5 mm    | 1x16 A | 2                  | 30/60         |

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

## SOCKET-OUTLETS - INTERNATIONAL STANDARD



GW 20 265

### GERMAN STANDARD SOCKET-OUTLET - 250V AC

| Code        | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|-------------|-------------|---------------|--------------------|---------------|
| GW20265CO   | 2P+E - 16A  | Ø 4.8 mm      | 2                  | 10/120        |
| GW20265DY01 | 2P+E - 16A  | Ø 4.8 mm      | 2                  | 6/24          |

CHARACTERISTICS: with safety shields.



GW 20 208

### BRITISH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------|--------------------|---------------|
| GW20208 | 2P+E - 13 A | Flat          | 2                  | 30/60         |
| GW20209 | 2P+E - 16A  | Ø 7 mm        | 2                  | 30/60         |

CHARACTERISTICS: with safety shields.

NOTES: given the size of the plugs, it is not possible to install two or more socket-outlets side-by-side.



GW 20 212

### EURO AMERICAN STANDARD SOCKET-OUTLET - 250/125V AC

| Code      | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|---------------|--------------------|---------------|
| GW20212CO | 2P+E - 15A  | Ø 4 mm/ flat  | 1                  | 1/100         |



GW 20 214

### USA STANDARD SOCKET-OUTLETS - 250/125V AC

| Code    | Description          | For plug pins | Shape                  | No. SYSTEM modules | Pack / Carton |
|---------|----------------------|---------------|------------------------|--------------------|---------------|
| GW20216 | 2P+E - 15A - 250V ac | Flat          | Flat, aligned vertical | 1                  | 30/60         |



GW 20 248

### ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------|--------------------|---------------|
| GW20248 | 2P+E - 10A  | Flat          | 2                  | 30/60         |



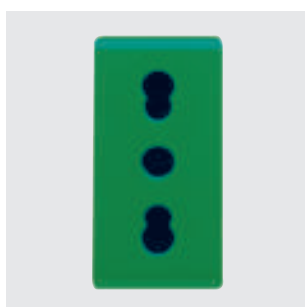


GW 20 356

### AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------|--------------------|---------------|
| GW20357 | 2P+E - 10A  | Flat          | 2                  | 30/60         |
| GW20356 | 2P+E - 15A  | Flat          | 2                  | 30/60         |

## SOCKET-OUTLETS FOR DEDICATED LINES

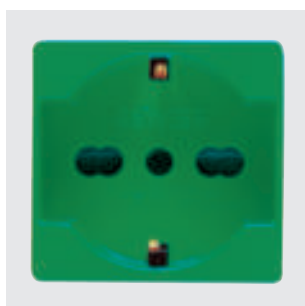


GW 20 281

### ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Type   | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|--------|--------|---------------|--------------------|---------------|
| GW20295DY | 2P+E - 16 A Dual amperage | Red    | P17-11 | Ø 4 / 5 mm    | 1                  | 20/320        |

CHARACTERISTICS: with safety shields.



GW 20 282

### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description               | Earth pit        | Colour | Type | For plug pins    | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|------------------|--------|------|------------------|--------------------|---------------|
| GW20296DY | 2P+E - 16 A Dual amperage | Side and central | Red    | P40  | Ø 4 / 4.8 / 5 mm | 2                  | 20/160        |

CHARACTERISTICS: with safety shields.

## DATA - SYSTEM WHITE

### TV-SAT SOCKETS



GW 20 396

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ) CLASS A SHIELDING - F FEMALE CONNECTOR

| Code    | Description    | Type                    | Attenuation | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------------------|-------------|--------------------|---------------|
| GW20391 | Direct         | With passage of current | 0 dB        | 1                  | 15/30         |
| GW20396 | Through wiring | -                       | 5 dB        | 1                  | 15/30         |
| GW20392 | Through wiring | -                       | 10 dB       | 1                  | 15/30         |

CHARACTERISTICS: GW20391 permits carrying a remote power supply voltage/current and/or control signals towards the user port (max 24 V - 500 mA). GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

APPLICATIONS: Socket-outlets suitable for return channel.

NOTES: the TV-SAT 5 dB GW20396 coaxial socket-outlet is defined with conditioned use, it is a special through socket-outlet and as such must be used, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 Ohm (TV, VCR, SAT receiver or 75-Ohm termination).



GW 20 386

## COAXIAL TV SOCKETS (5-2400 MHZ) CLASS A SHIELDING - IEC MALE CONNECTOR Ø 9.5 MM

| Code    | Description    | Type                    | Attenuation | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------------------|-------------|--------------------|---------------|
| GW20381 | Direct         | With passage of current | 0 dB        | 1                  | 15/30         |
| GW20386 | Through wiring | -                       | 5 dB        | 1                  | 15/30         |
| GW20382 | Through wiring | -                       | 10 dB       | 1                  | 15/30         |

**CHARACTERISTICS:** GW20381 permits carrying a remote power supply voltage/current and/or control signals towards the user port (max 24 V - 500 mA). GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** Socket-outlets suitable for return channel.

**NOTES:** the TV 5 dB GW20386 coaxial socket-outlet is defined with conditioned use, it is a special through socket-outlet and as such must be used, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 Ohm (TV, VCR, SAT receiver or 75-Ohm termination).



GW 20 276

## COAXIAL TV SOCKET (0-2400MHZ) CLASS A+ SHIELDING - F FEMALE CONNECTOR

| Code    | Description | Attenuation | Impedance | No. SYSTEM modules | Pack / Carton |
|---------|-------------|-------------|-----------|--------------------|---------------|
| GW20276 | Direct      | 0 dB        | 75 Ohm    | 1                  | 1/180         |



GW 20 229

## RESISTIVE COAXIAL TV SOCKETS (40-860 MHZ) - IEC FEMALE CONNECTOR Ø 9.5MM

| Code      | Description         | Attenuation | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------|-------------|--------------------|---------------|
| GW20228DY | Direct              | 0 dB        | 1                  | 10/100        |
| GW20229DY | Branched            | 20 dB       | 1                  | 10/100        |
| GW20230   | Terminated - 75 ohm | 20 dB       | 1                  | 30/60         |

Items designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact Gewiss Customer Service to check the product meets the regulations of the country concerned before importing it.

## SOCKET-OUTLETS FOR AUXILIARY AND SIGNAL CIRCUITS



GW 20 234

### SOCKET-OUTLETS FOR SELV AUXILIARY CIRCUIT

| Code    | Description             | For plug pins | Centre distance | No. SYSTEM modules | Pack / Carton |
|---------|-------------------------|---------------|-----------------|--------------------|---------------|
| GW20239 | 2P - 6A - 24V           | Ø 3 mm        | 12.4 mm         | 1                  | 15/30         |
| GW20234 | 2P - 6A - 24V polarized | Flat          | 12.4 mm         | 1                  | 15/30         |



GW 20 241

### SIGNAL SOCKET-OUTLET FOR PHONIC CIRCUITS

| Code    | Description     | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|--------------------|---------------|
| GW20241 | For loudspeaker | 1                  | 15/30         |

## TELEPHONE SOCKETS



GW 20 251

### RJ11 TELEPHONE SOCKETS

| Code    | Description | Cables type  | Connection         | No. SYSTEM modules | Pack / Carton |
|---------|-------------|--------------|--------------------|--------------------|---------------|
| GW20251 | RJ11        | Twisted pair | Screw-on terminals | 1                  | 15/30         |

APPLICATIONS: telephone, telefax, modem.



GW 20 235

### FRENCH STANDARD TELEPHONE SOCKET

| Code    | Description       | Connection         | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|--------------------|--------------------|---------------|
| GW20235 | French 8 contacts | Screw-on terminals | 1                  | 15/30         |



GW 20 272

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description        | Connection         | No. SYSTEM modules | Pack / Carton |
|---------|--------------------|--------------------|--------------------|---------------|
| GW20272 | British 6 contacts | Screw-on terminals | 1                  | 15/30         |

## DATA SOCKETS



GW 20 686

### RJ45 SOCKETS

| Code      | Description | No. pairs | Use category | Cables | Connection | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|-----------|--------------|--------|------------|--------------------|---------------|
| GW20271DY | RJ45        | 4         | 5e           | UTP    | Toolless   | 1                  | 10/100        |
| GW20243   | RJ45        | 4         | 5e           | FTP    | Toolless   | 1                  | 15/30         |
| GW20685   | RJ45        | 4         | 6            | UTP    | Toolless   | 1                  | 15/30         |
| GW20684   | RJ45        | 4         | 6            | UTP    | Toolless   | 1                  | 1/15          |
| GW20686DY | RJ45        | 4         | 6            | FTP    | Toolless   | 1                  | 10/100        |

APPLICATIONS: LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e. LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

# System



GW 20 266

## ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|--------------------|---------------|
| GW20270 | AMP / Keystone Jack | 1                  | 1/120         |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the Gewiss adapter.

## USB AND HDMI COUPLERS



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## USB POWER SUPPLY



GW 20 362

### DUAL USB CHARGERS FOR ELECTRONIC DEVICES

| Code    | Supply voltage          | Output voltage | Max current supplied | Type of port | No. modules | Pack / Carton |
|---------|-------------------------|----------------|----------------------|--------------|-------------|---------------|
| GW20363 | 100-240 V ac - 50-60 Hz | 5V dc          | 3 A                  | A+C          | 1           | 1/10          |

**CHARACTERISTICS:** suitable for recharging a single electronic device (e.g. tablet) or two devices simultaneously (e.g. a tablet and smartphone). The division of the current delivered to the two outputs depends on the state of charge of the connected devices.

## ENCLOSURES FOR CONVENTIONAL NETWORKS



GW 20 238

### EMPTY ENCLOSURE FOR HOUSING SUB-D CONNECTORS

| Code    | Description           | No. SYSTEM modules | Pack / Carton |
|---------|-----------------------|--------------------|---------------|
| GW20238 | SUB-D 9 / 15 / 25 PIN | 3                  | 20/40         |

## PROTECTION - SYSTEM WHITE

### MINIATURE CIRCUIT BREAKERS



GW 20 431

#### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code                           | Description      | Rated current (A) | No. SYSTEM modules | Pack / Carton |
|--------------------------------|------------------|-------------------|--------------------|---------------|
| <b>Breaking capacity: 3 kA</b> |                  |                   |                    |               |
| GW20431                        | Single pole (1P) | 6                 | 1                  | 15/30         |
| GW20432                        | Single pole (1P) | 10                | 1                  | 15/30         |
| GW20433                        | Single pole (1P) | 16                | 1                  | 15/30         |
| GW20434                        | Two-pole (1P+N)  | 6                 | 1                  | 15/30         |
| GW20435                        | Two-pole (1P+N)  | 10                | 1                  | 15/30         |
| GW20436                        | Two-pole (1P+N)  | 16                | 1                  | 15/30         |



GW 20 437

#### RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ

| Code                           | Description     | Idn   | Rated current (A) | No. SYSTEM modules | Pack / Carton |
|--------------------------------|-----------------|-------|-------------------|--------------------|---------------|
| <b>Breaking capacity: 3 kA</b> |                 |       |                   |                    |               |
| GW20437                        | Two-pole (1P+N) | 10 mA | 6                 | 2                  | 1/15          |
| GW20438                        | Two-pole (1P+N) | 10 mA | 10                | 2                  | 1/15          |
| GW20439                        | Two-pole (1P+N) | 10 mA | 16                | 2                  | 1/15          |
| GW20448                        | Two-pole (1P+N) | 30 mA | 6                 | 2                  | 1/15          |
| GW20449                        | Two-pole (1P+N) | 30 mA | 10                | 2                  | 1/15          |
| GW20450                        | Two-pole (1P+N) | 30 mA | 16                | 2                  | 1/15          |



GW 20 454

#### MCB - RED MINIATURE CIRCUIT BREAKERS FOR DEDICATED CIRCUITS - C CHARACTERISTIC - 230V AC

| Code                           | Description     | Rated current (A) | No. SYSTEM modules | Pack / Carton |
|--------------------------------|-----------------|-------------------|--------------------|---------------|
| <b>Breaking capacity: 3 kA</b> |                 |                   |                    |               |
| GW20454                        | Two-pole (1P+N) | 6                 | 1                  | 15/30         |
| GW20455                        | Two-pole (1P+N) | 10                | 1                  | 15/30         |
| GW20456                        | Two-pole (1P+N) | 16                | 1                  | 15/30         |

### PROTECTION DEVICES



GW 20 423

#### SURGE PROTECTION DEVICE - 250V AC

| Code    | Max. dischargeable energy | Maximum discharge current | No. SYSTEM modules | Pack / Carton |
|---------|---------------------------|---------------------------|--------------------|---------------|
| GW20423 | 75 J                      | 8 kA (8/20 μs)            | 1                  | 1/14          |

APPLICATIONS: protection of electronic equipment (TV - HI-FI - computers, etc.) from overvoltage of atmospheric or manoeuvring origin that may be conveyed by the supply lines.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - SYSTEM WHITE

### DIMMER



GW 20 802

#### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code      | Supply voltage    | Resistive load 230V ac | Inductive load 230V ac | No. SYSTEM modules | Pack / Carton |
|-----------|-------------------|------------------------|------------------------|--------------------|---------------|
| GW20802   | 230V - 50 / 60 Hz | 100-500 W              | -                      | 1                  | 1/14          |
| GW20803DY | 230V - 50 / 60 Hz | 100-900 W              | 40-300 VA              | 1                  | 10/100        |
| GW20811   | 230V - 50 / 60 Hz | 100-500 W              | 100-500 VA             | 1                  | 1/14          |

**CHARACTERISTICS:** with signalling led orange. GW20811 rotary command with two-way switch.

GW20803 compliance with the EMC requirements is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact Gewiss Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side-by-side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW 20 828

#### ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage    | Resistive load 230V ac | Inductive load 230V ac | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|------------------------|------------------------|--------------------|---------------|
| GW20828 | 230V - 50 / 60 Hz | 60-500 W               | 60-500 VA              | 1                  | 1/14          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side-by-side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

### ELECTRONIC TIMERS



GW 20 825

#### ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

| Code    | Supply voltage      | Output contacts                 | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|---------------------------------|--------------------|---------------|
| GW20825 | 230 V ac - 50/60 Hz | 1NO/NC 8A(AC1)/4A(AC15) 250V ac | 2                  | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 20 810

#### ELECTRONIC TIMED BUTTON WITH INPUT FOR REMOTE CONTROL 230V - 50/60HZ

| Code    | Regulation field | Relay output                  | No. SYSTEM modules | Pack / Carton |
|---------|------------------|-------------------------------|--------------------|---------------|
| GW20810 | 30 s - 15 min    | 1NO 10A(AC1)/5A(AC15) 250V ac | 2                  | 1/4           |

## TEMPERATURE CONTROL DEVICES



GW 20 827

### TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

| Code    | Supply voltage      | Temperature adjustment | Output contacts                 | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|------------------------|---------------------------------|--------------------|---------------|
| GW20827 | 230 V ac - 50/60 Hz | From +5°C to +40°C     | 1NO/NC 5A(AC1)/2A(AC15) 250V ac | 2                  | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 20 852

### ELECTRONIC SUMMER/WINTER THERMOSTAT WITH KNOB ADJUSTMENT AND INDICATOR LED - 230V - 50/60HZ

| Code    | Temperature adjustment | Output contacts                      | No. SYSTEM modules | Pack / Carton |
|---------|------------------------|--------------------------------------|--------------------|---------------|
| GW20852 | From +5°C to +30°C     | 1 NO / NC 8A(AC1) / 2A(AC15) 250V ac | 3                  | 1/2           |

**CHARACTERISTICS:** option of controlling night-time reduction via remote control (fixed 4°C).



GW 20 853

### ELECTRONIC SUMMER/WINTER THERMOSTAT WITH KNOB ADJUSTMENT FOR FAN-COIL, 3-SPEED SELECTOR AND SOLENOID VALVE COMMAND 230V - 50/60HZ

| Code    | Regulation field | Output solenoid | Output fan          | Output contacts      | No. SYSTEM modules | Pack / Carton |
|---------|------------------|-----------------|---------------------|----------------------|--------------------|---------------|
| GW20853 | +5° C / +30° C   | Relay NO/NC     | Three way switch 1P | 5A (AC1) / 2A (AC15) | 3                  | 1/2           |

**CHARACTERISTICS:** temperature adjustment range: from +5°C to +30°C.

Operating modes: solenoid valve thermostat and fixed ventilation, solenoid valve and thermostat-controlled ventilation, only thermostat-controlled ventilation and unconnected solenoid valve.

## SIGNALLING - SYSTEM WHITE

### ANTI BLACK-OUT LAMPS



GW 20 833

#### EXTRACTABLE ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Autonomy | Type of lamp | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|------------------------|----------|--------------|--------------------|---------------|
| GW20833 | 230 V ac - 50/60 Hz | Ni-Mh                  | 2 h      | White LED    | 2                  | 1/4           |

**CHARACTERISTICS:** equipped with inhibition selector on the front. Replaceable batteries (battery pack 4.8 V 40 mAh).

**APPLICATION:** according to CEI 64-8 (chapter 37).



GW 20 835

#### ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|--------------------|---------------|
| GW20835 | 230 V ac - 50/60 Hz | Ni-Mh                  | 1 h              | White LED | 1                  | 1/4           |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.



## ACOUSTIC SIGNALLING DEVICES



GW 20 613

### BELLS

| Code    | Supply voltage | Power input | Sound intensity | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------|-----------------|--------------------|---------------|
| GW20613 | 12 V - 50 Hz   | 8 VA        | 80 dB (at 1 m)  | 1                  | 15/30         |
| GW20616 | 230V ac - 50Hz | 8 VA        | 80 dB (at 1 m)  | 1                  | 15/30         |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 20 617

### BUZZERS

| Code    | Supply voltage | Power input | Sound intensity | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------|-----------------|--------------------|---------------|
| GW20617 | 12V ac - 50 Hz | 8 VA        | 75 dB (at 1 m)  | 1                  | 15/30         |
| GW20620 | 230V ac - 50Hz | 8 VA        | 75 dB (at 1 m)  | 1                  | 15/30         |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 20 641

### ELECTRONIC BELLS WITH 3 DIFFERENT TONES

| Code    | Supply voltage | Power input | Sound intensity   | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------|-------------------|--------------------|---------------|
| GW20641 | 12V ac/dc      | 3 VA        | 75-90 dB (at 1 m) | 2                  | 1/4           |
| GW20643 | 230V ac - 50Hz | 3 VA        | 75-90 dB (at 1 m) | 2                  | 1/4           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity using the selector located on the front.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device.

## INDICATOR LIGHT DEVICES



GW 20 603

### SINGLE INDICATOR LAMPS - 12/24/250V AC

| Code                       | Diffuser colour | Diffuser meaning | Fixing for lamp | No. SYSTEM modules | Pack / Carton |
|----------------------------|-----------------|------------------|-----------------|--------------------|---------------|
| <b>Diffusor type: Flat</b> |                 |                  |                 |                    |               |
| GW20603DY                  | Red             | Danger           | Cartridge       | 1                  | 20/320        |
| GW20604                    | Green           | Safety           | Cartridge       | 1                  | 30/60         |
| GW20605                    | Yellow          | Attention        | Cartridge       | 1                  | 30/60         |
| GW20606                    | Transparent     | Neutral          | Cartridge       | 1                  | 30/60         |
| GW20631                    | Light blue      | Specific         | Cartridge       | 1                  | 30/60         |

**CHARACTERISTICS:** supplied without lamp. They use S6x31 mm and S6.3x28 mm cartridge lamps (max 2 W).

**NOTES:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 20 608

### DOUBLE INDICATOR LAMPS

| Code                       | Diffuser colour | Lamp voltage | No. SYSTEM modules | Pack / Carton |
|----------------------------|-----------------|--------------|--------------------|---------------|
| <b>Diffusor type: Flat</b> |                 |              |                    |               |
| GW20607                    | Red/green       | 230V ac      | 1                  | 15/30         |
| GW20608                    | Red/green       | 12-24V ac/dc | 1                  | 15/30         |

**ACCESSORIES SUPPLIED:** supplied with LED lamps.



GW 20 634

### STAIR RISER LAMP WITH WHITE LED LIGHT - 12/230V AC

| Code    | Diffuser colour | Lamp           | Lamp voltage        | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|----------------|---------------------|--------------------|---------------|
| GW20634 | White           | Integrated LED | 12V ac/dc - 230V ac | 2                  | 1/15          |

**CHARACTERISTICS:** very bright LED, light adjustment eyelid, 12v ac/dc - 230V ac supply with double supply input.



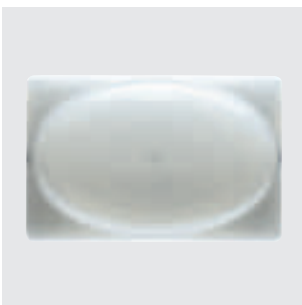
GW 20 601

### STAIR RISER OR SPECIAL USES LAMPS WITH FLAT DIFFUSER - 12/24V

| Code    | Diffuser colour | Fixing for lamp | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|-----------------|--------------------|---------------|
| GW20601 | Opal diffuser   | Cartridge       | 3                  | 15/30         |
| GW20623 | Red             | Cartridge       | 3                  | 15/30         |
| GW20626 | Light blue      | Cartridge       | 3                  | 15/30         |

**CHARACTERISTICS:** Supplied without lamp. Use cartridge lamps of the S6x36mm type (max 2W).

**APPLICATIONS:** identification of steps, obstacles etc..



GW 20 602

### STAIR RISER OR SPECIAL USES LAMPS WITH PROTRUDING DIFFUSER - 12/24V

| Code    | Diffuser colour | Fixing for lamp | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|-----------------|--------------------|---------------|
| GW20602 | Opal diffuser   | Cartridge       | 3                  | 1/12          |
| GW20627 | Red             | Cartridge       | 3                  | 1/12          |
| GW20628 | Green           | Cartridge       | 3                  | 1/12          |

**CHARACTERISTICS:** Supplied without lamp. Use cartridge lamps of the S6x36mm type (max 2W).

**APPLICATIONS:** signalling.



GW 20 622

### LAMP HOLDER

| Code    | Lampholder type | Power | Colour | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|-------|--------|--------------------|---------------|
| GW20622 | E27             | 40 W  | Black  | 2                  | 15/30         |

**APPLICATIONS:** the product must be installed in compliance with the International CE regulation 64-8.

## SPECIAL APPLICATIONS - SYSTEM WHITE

### COMPONENTS FOR HOTEL SYSTEMS



GW 20 651

### THREE-WAY SWITCH 1P - 250 V AC

| Code    | Description | Button key | Symbol  | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|---------|-------------|------------|---------|-------------------------------|--------------------|---------------|
| GW20651 | 1P - 10AX   | Neutral    | DND+MUR | 100 W                         | 1                  | 30/60         |

**CHARACTERISTICS:** three standing positions. Both contacts are open in the central position (OFF). With "Do not disturb" (DND) and "Make up the room" (MUR) pad printings.



GW 20 820

### UNIVERSAL BADGE SWITCH WITH BACKLIT LIGHT - 250V AC

| Code    | Description | For badge card max. width | Type            | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------------------|-----------------|-------------------------------|--------------------|---------------|
| GW20820 | 1P NO - 10A | 54 mm                     | Backlit 230V ac | 100 W                         | 3                  | 1/2           |

**CHARACTERISTICS:** supplied without badge.

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted).



GW 20 841

### EUROPEAN/AMERICAN STANDARD SHAVER SOCKET WITH INSULATION TRANSFORMER

| Code    | Supply voltage     | For plug pins        | Selectable output voltage | Maximum power | No. SYSTEM modules | Pack / Carton |
|---------|--------------------|----------------------|---------------------------|---------------|--------------------|---------------|
| GW20841 | 230V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120 - 230V ac             | 20 VA         | 3                  | 1/4           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading. The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug. The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting containers of the 27 COMBI range.

## ACCESSORIES

### SPARE PARTS AND ACCESSORIES



GW 10 881

#### LED SIGNALLING UNITS - 230 V AC - 0.6 W

| Code             | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|------------------|---------------------|------------|------|---------------|--------------|---------------|
| <b>GW10881DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| <b>GW10882DY</b> | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



# System



Scan the QR Code and find out all the technical informations.

## TWO LINES, ONE SINGLE OFFER



The System range includes two lines of plates, one more rounded and the other with a squarer design, in a domestic series recognised for its reliability and robustness.

## INSTALLATION FLEXIBILITY



The domestic System series offers maximum application flexibility. It is highly versatile, with two attachment options, from the front or back of the support, making the mounting and release of devices quick and easy.

## A COMPLETE SOLUTION



The System devices are compatible with a wide range of accessories and can be installed in any electrical installation: flush- and surface-mounted rectangular boxes, flush-mounted square boxes, profiles and DIN rails, floor turrets and 27 Combi enclosures.

# System

## Modular devices

The System modular devices allow the creation of infinite combinations of devices and plates, through a complete range that covers all design, functional and installation needs. Colours and finishes: satin black, elegant and classy. Ideal for flush-mounted solutions (for rectangular or square boxes), surface-mounted solutions and special applications. The range includes control units, socket-outlets, breakers, indicators, connectors and devices for the control, safety and comfort of your home.



## COMMAND - SYSTEM BLACK

### COMMAND DEVICES



GW 21 571

#### ONE-WAY SWITCHES - 250V AC

| Code      | Description           | Button key                    | Symbol | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-----------------------|-------------------------------|--------|-------------------------------|--------------------|---------------|
| GW21571CO | 1P - 16AX             | Neutral                       | -      | 200 W                         | 1                  | 10/100        |
| GW21572DY | 1P - 16 AX backlit    | With replaceable neutral lens | -      | 200 W                         | 1                  | 10/100        |
| GW21583DY | 1P - 16AX illuminable | With replaceable neutral lens | -      | 200 W                         | 1                  | 20/320        |
| GW21503DY | 2P - 16 AX            | Neutral                       | 0/1    | 200 W                         | 1                  | 20/320        |
| GW21005   | 2P - 10AX             | With key                      | 0/1    | 100 W                         | 1                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included.

**ACCESSORIES SUPPLIED:** GW21572, GW21504 - red fluorescent 230Vac (0.4W) signalling unit. GW21005 supplied with 2 keys. The key can be extracted in both positions. Spare keys: GW20901.



GW 21 585

#### ONE-WAY SWITCH 2P FOR HEAVY-DUTY INSTALLATIONS - 25A - 250V AC

| Code    | Description | Button key | Symbol | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|---------|-------------|------------|--------|-------------------------------|--------------------|---------------|
| GW21585 | 25 AX       | Neutral    | 0/1    | 250 W                         | 1                  | 15/30         |

**CHARACTERISTICS:** suitable for particular heavy-duty loads (e.g. set of fluorescent lamp) or high consumption devices (ovens, air-conditioners, boilers, etc.).



GW 21 576

#### TWO-WAY SWITCHES 1P - 250V AC

| Code      | Description | Button key | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------------|-------------------------------|--------------------|---------------|
| GW21576CO | 1P - 16AX   | Neutral    | 200 W                         | 1                  | 10/100        |
| GW21008   | 1P - 10AX   | With key   | 100 W                         | 1                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included.

**ACCESSORIES SUPPLIED:** GW21577 - red fluorescent 230Vac (0.4W) signalling unit. GW21008 supplied with 2 keys. The key can be extracted in both positions. Spare keys: GW20901.



GW 21 579

#### INTERMEDIATE SWITCHES 1P - 250V AC

| Code      | Description | Button key | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------------|-------------------------------|--------------------|---------------|
| GW21579CO | 1P - 16AX   | Neutral    | 200 W                         | 1                  | 10/100        |



GW 21 559

### THREE-WAY SWITCH 1P - 250V AC

| Code      | Description | Button key | Symbol    | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|------------|-----------|-------------------------------|--------------------|---------------|
| GW21559DY | 1P - 10AX   | Neutral    | UP - DOWN | 100 W                         | 1                  | 20/320        |

**CHARACTERISTICS:** three standing positions. Both contacts are open in the central position (OFF).

GW21528 - not-illuminated product; equipped with neutral lens.

**APPLICATIONS:** command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal), 2-user selective control.



GW 21 510

### PUSH-BUTTONS - 250V AC

| Code        | Description              | Button key                    | Symbol | No. SYSTEM modules | Pack / Carton |
|-------------|--------------------------|-------------------------------|--------|--------------------|---------------|
| GW21510DY01 | 1P NO - 10A              | Neutral                       | -      | 1                  | 10/100        |
| GW21512DY   | 1P NO - 10A              | With symbol                   | Bell   | 1                  | 20/320        |
| GW21531     | 1P NC - 10 A illuminable | With replaceable neutral lens | -      | 1                  | 15/30         |
| GW21518     | 2P NO - 10A              | With pull-cord                | -      | 1                  | 20/40         |
| GW21530     | 2P NO - 10A              | With key                      | 0/1    | 1                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included; GW21520, GW21521, both contacts are open in the central position (OFF).

**ACCESSORIES SUPPLIED:** GW21515 - red fluorescent 230Vac (0.4W) signalling unit. GW21516 - white LED 12/24Vac/dc (0.4W) signalling unit. GW21518, cord in insulating material, 140cm long, with a knob. GW21530 supplied with 2 keys. Spare keys: GW30912.



GW 21 024

### PUSH-BUTTON WITH ILLUMINABLE NAME PLATE - 250V AC

| Code    | Description | Lamp voltage | Lamp                    | Lamp power | No. SYSTEM modules | Pack / Carton |
|---------|-------------|--------------|-------------------------|------------|--------------------|---------------|
| GW21591 | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp S6x36 mm | 2 W        | 2                  | 15/30         |
| GW21024 | 1P NO - 10A | 12-24V ac/dc | Cartridge lamp S6x36 mm | 2 W        | 3                  | 20/40         |

**CHARACTERISTICS:** supplied without lamp.



GW 21 589

### WIDE-BUTTON ILLUMINABLE CONTROL DEVICES - 2M - 250V AC

| Code    | Description                | Button key    | Type                | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|---------|----------------------------|---------------|---------------------|-------------------------------|--------------------|---------------|
| GW21589 | 1P - 16 AX - illuminable   | With diffuser | Switch              | 200 W                         | 2                  | 15/30         |
| GW21580 | 1P - 16 AX - illuminable   | With diffuser | Intermediate switch | 200 W                         | 2                  | 1/15          |
| GW21527 | 1P NO - 10 A - illuminable | With diffuser | Push-button         | -                             | 2                  | 15/30         |

**CHARACTERISTICS:** the illuminable articles use miniature lamp units, not included.

## BLANKING MODULES AND CABLE OUTLET



GW 21 056

### BLANKING MODULES AND CABLE OUTLET

| Code      | Description | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|--------------------|---------------|
| GW21056CO | 1 module    | 1                  | 10/120        |
| GW21073   | 2 modules   | 2                  | 30/60         |

**APPLICATIONS:** in addition to their normal use, they permit installing signal socket-outlets, microswitches and LEDs after appropriate drilling/preparation.

## MOVEMENT SENSOR



GW 21 821

### IR MOVEMENT DETECTOR

| Code    | Supply voltage    | Output contacts     | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|---------------------|--------------------|---------------|
| GW21821 | 230V ac - 50/60Hz | 1NO 3A(AC1) 250V ac | 1                  | 1/6           |

**CHARACTERISTICS:** adjustment of the intervention duration 15 sec - 10 min. Light sensitive threshold adjustment - min. 10 lux - max. inhibited. Sensor with fixed lens. Suitable for commanding halogen lamps/resistive loads: 700 W, incandescent lamps: 450 W, low voltage halogen lamps (12 V) controlled by toroidal or electronic transformers: 450 W, uncompensated fluorescent lamps: 2x58 W, motors and gear motors: 400 VA. Not suitable for compensated fluorescent lamps, for discharge lamps and for all loads not indicated that must be commanded using a support relay.

**APPLICATIONS:** Energy-saving: command of the lighting of rooms and areas only when people pass through.

Comfort and safety: automatic command of circuits without needing to activate one-way switches.

**NOTES:** do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly.

## RELAY



GW 21 071

### LATCHING RELAY

| Code    | No. of poles | Output contacts | Coil            | No. SYSTEM modules | Pack / Carton |
|---------|--------------|-----------------|-----------------|--------------------|---------------|
| GW21071 | 1            | 10 AX 250V ac   | 230V ac - 50 Hz | 1                  | 1/5           |
| GW21072 | 2            | 10 AX 250V ac   | 230V ac - 50 Hz | 1                  | 1/5           |

**CHARACTERISTICS:** suitable for commanding incandescent/halogen lamps: 800 W, fluorescent tubes with electronic ballast: 400 W, fluorescent tubes with electromechanical ballast: 360 W, compact fluorescent lamps (CFL): 200 W, LED lamps (230V ac): 200 W, low voltage halogen or LED lamps with electronic ballast: 200 W, low voltage halogen or LED lamps with electromechanical ballast: 400 W.

**APPLICATIONS:** command of lighting devices from several points, via push-buttons. Start/stop control of motors (extractors, air agitators, etc.).



GW 21 074

### MONOSTABLE RELAY 230 V AC

| Code    | No. of poles | Output contacts                     | Coil            | No. SYSTEM modules | Pack / Carton |
|---------|--------------|-------------------------------------|-----------------|--------------------|---------------|
| GW21074 | 1            | 1 NO/NC 10A(AC1) / 4A(AC15) 250V ac | 230V ac - 50 Hz | 1                  | 1/5           |

**APPLICATIONS:** As an auxiliary element to control special loads, for remote signalling, and for electrical separation between control and user circuits.





GW 21 076

### CALL RELAY - 12V

| Code    | Supply voltage | No. of poles | Output contacts       | No. SYSTEM modules | Pack / Carton |
|---------|----------------|--------------|-----------------------|--------------------|---------------|
| GW21076 | 12V ac/dc      | 1            | 1NO/NC 12 V (max. 1A) | 1                  | 1/5           |

CHARACTERISTICS: reset button integrated on the front and green mains presence indicator lamp.

## POWER - SYSTEM BLACK

### SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD



GW 21 203

#### ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description               | Type   | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|--------|---------------|--------------------|---------------|
| GW21201DY | 2P+E - 10A                | P11    | Ø 4 mm        | 1                  | 20/320        |
| GW21203CO | 2P+E - 16 A Dual amperage | P17-11 | Ø 4 / 5 mm    | 1                  | 10/100        |

CHARACTERISTICS: with safety shields.



GW 21 205

#### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

| Code      | Description               | Earth pit        | Type | For plug pins    | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|------------------|------|------------------|--------------------|---------------|
| GW21246DY | 2P+E - 16 A Dual amperage | Side and central | P40  | Ø 4 / 4.8 / 5 mm | 2                  | 20/160        |

CHARACTERISTICS: with safety shields.



GW 21 291

#### ITALIAN STANDARD QUICK WIRING DOUBLE SOCKET-OUTLET - 250V AC

| Code    | Description          | Type   | For plug pins | Input  | No. SYSTEM modules | Pack / Carton |
|---------|----------------------|--------|---------------|--------|--------------------|---------------|
| GW21291 | 2x2P+E 16A Dual amp. | P17-11 | Ø 4 / 5 mm    | 1x16 A | 2                  | 30/60         |

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

## SOCKET-OUTLETS - INTERNATIONAL STANDARD



GW 21 265

### GERMAN STANDARD SOCKET-OUTLET - 250V AC

| Code      | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|---------------|--------------------|---------------|
| GW21265C0 | 2P+E - 16A  | Ø 4.8 mm      | 2                  | 10/120        |

CHARACTERISTICS: with safety shields.



GW 21 208

### BRITISH STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------|--------------------|---------------|
| GW21208 | 2P+E - 13 A | Flat          | 2                  | 30/60         |
| GW21209 | 2P+E - 16A  | Ø 7 mm        | 2                  | 30/60         |

CHARACTERISTICS: with safety shields.

NOTES: given the size of the plugs, it is not possible to install two or more socket-outlets side-by-side.



GW 21 212

### EURO AMERICAN STANDARD SOCKET-OUTLET - 250/125V AC

| Code      | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|---------------|--------------------|---------------|
| GW21212C0 | 2P+E - 15A  | Ø 4 mm/ flat  | 1                  | 1/100         |



GW 21 214

### USA STANDARD SOCKET-OUTLETS - 250/125V AC

| Code    | Description        | For plug pins            | Shape                  | No. SYSTEM modules | Pack / Carton |
|---------|--------------------|--------------------------|------------------------|--------------------|---------------|
| GW21214 | 2P+E - 15A 125V ac | Flat parallel horizontal | Parallel horizontal    | 1                  | 30/60         |
| GW21216 | 2P+E - 15A 250V ac | Flat, aligned vertical   | Flat, aligned vertical | 1                  | 30/60         |



GW 21 248

### ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------|--------------------|---------------|
| GW21248 | 2P+E - 10A  | Flat          | 2                  | 30/60         |

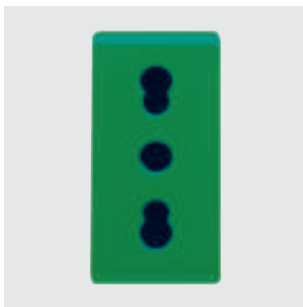


GW 21 356

### AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

| Code    | Description | For plug pins | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------|--------------------|---------------|
| GW21357 | 2P+E - 10A  | Flat          | 2                  | 30/60         |
| GW21356 | 2P+E - 15A  | Flat          | 2                  | 30/60         |

## SOCKET-OUTLETS FOR DEDICATED LINES



GW 20 281

### ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description               | Colour | Type   | For plug pins | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|--------|--------|---------------|--------------------|---------------|
| GW20295DY | 2P+E - 16 A Dual amperage | Red    | P17-11 | Ø 4 / 5 mm    | 1                  | 20/320        |

**CHARACTERISTICS:** with safety shields.



GW 20 282

### ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

| Code      | Description               | Earth pit        | Colour | Type | For plug pins    | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------------|------------------|--------|------|------------------|--------------------|---------------|
| GW20296DY | 2P+E - 16 A Dual amperage | Side and central | Red    | P40  | Ø 4 / 4.8 / 5 mm | 2                  | 20/160        |

**CHARACTERISTICS:** with safety shields.

## DATA - SYSTEM BLACK

### TV-SAT SOCKETS



GW 21 391

### COAXIAL TV-SAT SOCKETS (5-2400 MHZ) CLASS A SHIELDING - F FEMALE CONNECTOR

| Code    | Description    | Type                    | Attenuation | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------------------|-------------|--------------------|---------------|
| GW21391 | Direct         | With passage of current | 0 dB        | 1                  | 15/30         |
| GW21396 | Through wiring | -                       | 5 dB        | 1                  | 15/30         |
| GW21392 | Through wiring | -                       | 10 dB       | 1                  | 15/30         |

**CHARACTERISTICS:** GW21391 permits carrying a remote power supply voltage/current and/or control signals towards the user port (max 24 V - 500 mA). GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** socket-outlets suitable for return channel.

**NOTES:** the TV-SAT 5dB GW21396 coaxial socket is defined with conditioned use. It is a special feedthrough socket and must be used as such, with the only difference being that the user port (socket towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 21 381

## COAXIAL TV SOCKETS (5-2400 MHZ) CLASS A SHIELDING - IEC MALE CONNECTOR Ø 9.5 MM

| Code    | Description    | Type                    | Attenuation | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------------------|-------------|--------------------|---------------|
| GW21381 | Direct         | With passage of current | 0 dB        | 1                  | 15/30         |
| GW21386 | Through wiring | -                       | 5 dB        | 1                  | 15/30         |
| GW21382 | Through wiring | -                       | 10 dB       | 1                  | 15/30         |

**CHARACTERISTICS:** GW21381 permits carrying a remote power supply voltage/current and/or control signals towards the user port (max 24 V - 500 mA). GW20277 in combination with feedthrough socket-outlets allows you to make terminal socket-outlets.

**APPLICATIONS:** socket-outlets suitable for return channel.

**NOTES:** the TV 5dB GW21386 coaxial socket is defined with conditioned use. It is a special feedthrough socket and must be used as such, with the only difference being that the user port (socket towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).



GW 21 228

## COAXIAL TV RESISTIVE SOCKETS (40-860 MHZ) IEC FEMALE CONNECTOR Ø 9.5 MM

| Code      | Description         | Attenuation | No. SYSTEM modules | Pack / Carton |
|-----------|---------------------|-------------|--------------------|---------------|
| GW21228DY | Direct              | 0 dB        | 1                  | 10/100        |
| GW21229DY | Branched            | 20 dB       | 1                  | 10/100        |
| GW21230   | Terminated - 75 ohm | 20 dB       | 1                  | 30/60         |

Items designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact Gewiss Customer Service to check the product meets the regulations of the country concerned before importing it.

## SOCKET-OUTLETS FOR AUXILIARY AND SIGNAL CIRCUITS



GW 21 234

### SOCKET-OUTLETS FOR SELV AUXILIARY CIRCUITS

| Code    | Description             | For plug pins | Centre distance | No. SYSTEM modules | Pack / Carton |
|---------|-------------------------|---------------|-----------------|--------------------|---------------|
| GW21239 | 2P - 6A - 24V           | Ø 3 mm        | 12.4 mm         | 1                  | 15/30         |
| GW21234 | 2P - 6A - 24V polarized | Flat          | 12.4 mm         | 1                  | 15/30         |



GW 21 241

### SIGNAL SOCKET-OUTLET FOR PHONIC CIRCUITS

| Code    | Description     | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|--------------------|---------------|
| GW21241 | For loudspeaker | 1                  | 15/30         |

## TELEPHONE SOCKETS



GW 21 251

### RJ11 TELEPHONE SOCKETS

| Code    | Description | Cables type  | Connection         | No. SYSTEM modules | Pack / Carton |
|---------|-------------|--------------|--------------------|--------------------|---------------|
| GW21251 | RJ11        | Twisted pair | Screw-on terminals | 1                  | 15/30         |

**APPLICATIONS:** telephone, telefax, modem.



GW 21 235

### FRENCH STANDARD TELEPHONE SOCKET

| Code    | Description       | Connection         | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|--------------------|--------------------|---------------|
| GW21235 | French 8 contacts | Screw-on terminals | 1                  | 15/30         |



GW 21 272

### BRITISH STANDARD TELEPHONE SOCKET

| Code    | Description        | Connection         | No. SYSTEM modules | Pack / Carton |
|---------|--------------------|--------------------|--------------------|---------------|
| GW21272 | British 6 contacts | Screw-on terminals | 1                  | 15/30         |

## DATA SOCKETS



GW 21 686

### RJ45 SOCKETS

| Code      | Description | No. pairs | Use category | Cables | Connection | No. SYSTEM modules | Pack / Carton |
|-----------|-------------|-----------|--------------|--------|------------|--------------------|---------------|
| GW21271DY | RJ45        | 4         | 5e           | UTP    | Toolless   | 1                  | 10/100        |
| GW21243   | RJ45        | 4         | 5e           | FTP    | Toolless   | 1                  | 15/30         |
| GW21685   | RJ45        | 4         | 6            | UTP    | Toolless   | 1                  | 15/30         |
| GW21684   | RJ45        | 4         | 6            | UTP    | Toolless   | 1                  | 1/15          |
| GW21686   | RJ45        | 4         | 6            | FTP    | Toolless   | 1                  | 15/30         |

**APPLICATIONS:** LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e. LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

# System



GW 21 266

## ADAPTERS FOR HOUSING DATA CONNECTORS

| Code    | Compatibility       | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|--------------------|---------------|
| GW21267 | SYSTIMAX COMMSCOPE  | 1                  | 1/120         |
| GW21270 | AMP / Keystone Jack | 1                  | 1/120         |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the Gewiss adapter.

## USB AND HDMI COUPLERS



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## ENCLOSURES FOR CONVENTIONAL NETWORKS



GW 21 238

### EMPTY ENCLOSURE FOR HOUSING SUB-D CONNECTORS

| Code    | Description           | No. SYSTEM modules | Pack / Carton |
|---------|-----------------------|--------------------|---------------|
| GW21238 | SUB-D 9 / 15 / 25 PIN | 3                  | 20/40         |

## PROTECTION - SYSTEM BLACK

### MINIATURE CIRCUIT BREAKERS



GW 21 431

### MCB - MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

| Code                           | Description      | Rated current (A) | No. SYSTEM modules | Pack / Carton |
|--------------------------------|------------------|-------------------|--------------------|---------------|
| <b>Breaking capacity: 3 kA</b> |                  |                   |                    |               |
| GW21431                        | Single pole (1P) | 6                 | 1                  | 15/30         |
| GW21432                        | Single pole (1P) | 10                | 1                  | 15/30         |
| GW21433                        | Single pole (1P) | 16                | 1                  | 15/30         |
| GW21434                        | Two-pole (1P+N)  | 6                 | 1                  | 15/30         |
| GW21435                        | Two-pole (1P+N)  | 10                | 1                  | 15/30         |
| GW21436                        | Two-pole (1P+N)  | 16                | 1                  | 15/30         |



GW 21 437

**RCBO - RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION - C CHARACTERISTIC - CLASS A - 230V AC - 50/60 HZ**

| Code                           | Description     | Idn   | Rated current (A) | No. SYSTEM modules | Pack / Carton |
|--------------------------------|-----------------|-------|-------------------|--------------------|---------------|
| <b>Breaking capacity: 3 kA</b> |                 |       |                   |                    |               |
| GW21437                        | Two-pole (1P+N) | 10 mA | 6                 | 2                  | 1/15          |
| GW21438                        | Two-pole (1P+N) | 10 mA | 10                | 2                  | 1/15          |
| GW21439                        | Two-pole (1P+N) | 10 mA | 16                | 2                  | 1/15          |
| GW21448                        | Two-pole (1P+N) | 30 mA | 6                 | 2                  | 1/15          |
| GW21449                        | Two-pole (1P+N) | 30 mA | 10                | 2                  | 1/15          |
| GW21450                        | Two-pole (1P+N) | 30 mA | 16                | 2                  | 1/15          |



GW 20 454

**MCB - RED MINIATURE CIRCUIT BREAKERS FOR DEDICATED CIRCUITS - C CHARACTERISTIC - 230V AC**

| Code                           | Description     | Rated current (A) | No. SYSTEM modules | Pack / Carton |
|--------------------------------|-----------------|-------------------|--------------------|---------------|
| <b>Breaking capacity: 3 kA</b> |                 |                   |                    |               |
| GW20454                        | Two-pole (1P+N) | 6                 | 1                  | 15/30         |
| GW20455                        | Two-pole (1P+N) | 10                | 1                  | 15/30         |
| GW20456                        | Two-pole (1P+N) | 16                | 1                  | 15/30         |

**PROTECTION DEVICES**



GW 21 401

**FUSE-HOLDER - 250V AC**

| Code    | Rated current (A) | Fuse type     | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|---------------|--------------------|---------------|
| GW21401 | 16                | Ø 6.3 x 32 mm | 1                  | 30/60         |



GW 21 423

**SURGE PROTECTION DEVICE - 250V AC**

| Code    | Max. dischargeable energy | Maximum discharge current | No. SYSTEM modules | Pack / Carton |
|---------|---------------------------|---------------------------|--------------------|---------------|
| GW21423 | 75 J                      | 8 kA (8/20 µs)            | 1                  | 1/14          |

**APPLICATIONS:** protection of electronic equipment (TV - HI-FI - computers, etc.) from overvoltage of atmospheric or manoeuvring origin that may be conveyed by the supply lines.

## ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - SYSTEM BLACK

### DIMMER



GW 21 802

#### ROTATING ELECTRONIC REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

| Code      | Supply voltage    | Resistive load 230V ac | Inductive load 230V ac | No. SYSTEM modules | Pack / Carton |
|-----------|-------------------|------------------------|------------------------|--------------------|---------------|
| GW21802   | 230V - 50 / 60 Hz | 100-500 W              | -                      | 1                  | 1/14          |
| GW21803DY | 230V - 50 / 60 Hz | 100-900 W              | 40-300 VA              | 1                  | 10/100        |
| GW21811   | 230V - 50 / 60 Hz | 100-500 W              | 100-500 VA             | 1                  | 1/14          |

**CHARACTERISTICS:** with signalling led orange. GW21811 rotary command with two-way switch.

GW21803 compliance with the EMC directive is only guaranteed by connecting the regulator to an LC filter with the following characteristics: L=1mH - 5A, C=0.15uF - 275V X2, according to the documentation provided with the product. Item designated solely for export to a limited number of countries outside of the European Union or countries applying to become part of the European Free Trade Area. Contact Gewiss Customer Service to check the product meets the regulations of the country concerned before importing it.

**NOTES:** to avoid overheating, the side-by-side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.



GW 21 828

#### ELECTRONIC REGULATOR WITH BUTTON FOR RESISTIVE/INDUCTIVE LOADS

| Code    | Supply voltage    | Resistive load 230V ac | Inductive load 230V ac | No. SYSTEM modules | Pack / Carton |
|---------|-------------------|------------------------|------------------------|--------------------|---------------|
| GW21828 | 230V - 50 / 60 Hz | 60-500 W               | 60-500 VA              | 1                  | 1/14          |

**CHARACTERISTICS:** possibility to command and regulate from remote control push-buttons with NO contact. With signalling led orange.

**NOTES:** to avoid overheating, the side-by-side installation of several products in a single container is not permitted; insert a blanking module between two electronic devices. If installing two regulators in the same box, the maximum loads that can be commanded by each regulator must be reduced by 50%.

### ELECTRONIC TIMERS



GW 21 825

#### ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

| Code    | Supply voltage      | Output contacts                 | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|---------------------------------|--------------------|---------------|
| GW21825 | 230 V ac - 50/60 Hz | 1NO/NC 8A(AC1)/4A(AC15) 250V ac | 2                  | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 21 810

#### ELECTRONIC PUSH-BUTTON TIMER WITH REMOTE CONTROL INPUT - 230V - 50/60HZ

| Code    | Regulation field | Relay output                  | No. SYSTEM modules | Pack / Carton |
|---------|------------------|-------------------------------|--------------------|---------------|
| GW21810 | 30 s - 15 min    | 1NO 10A(AC1)/5A(AC15) 250V ac | 2                  | 1/4           |



## TEMPERATURE CONTROL DEVICES



GW 21 827

### TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

| Code    | Supply voltage      | Temperature adjustment | Output contacts                 | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|------------------------|---------------------------------|--------------------|---------------|
| GW21827 | 230 V ac - 50/60 Hz | From +5°C to +40°C     | 1NO/NC 5A(AC1)/2A(AC15) 250V ac | 2                  | 1/2           |

**CHARACTERISTICS:** with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.



GW 21 852

### SUMMER/WINTER ELECTRONIC THERMOSTAT WITH KNOB ADJUSTMENT AND INDICATOR LED - 230V - 50/60HZ

| Code    | Temperature adjustment | Output contacts                      | No. SYSTEM modules | Pack / Carton |
|---------|------------------------|--------------------------------------|--------------------|---------------|
| GW21852 | From +5°C to +30°C     | 1 NO / NC 8A(AC1) / 2A(AC15) 250V ac | 3                  | 1/2           |

**CHARACTERISTICS:** option of controlling night-time reduction via remote control (fixed 4°C).



GW 21 853

### SUMMER/WINTER ELECTRONIC THERMOSTAT FOR FAN-COIL, WITH KNOB ADJUSTMENT 3-SPEED SELECTOR AND SOLENOID VALVE CONTROL - 230V - 50/60HZ

| Code    | Regulation field | Output solenoid | Output fan          | Output contacts      | No. SYSTEM modules | Pack / Carton |
|---------|------------------|-----------------|---------------------|----------------------|--------------------|---------------|
| GW21853 | +5° C / +30° C   | Relay NO/NC     | Three way switch 1P | 5A (AC1) / 2A (AC15) | 3                  | 1/2           |

**CHARACTERISTICS:** temperature adjustment range: from +5°C to +30°C.

operating modes: solenoid valve thermostat and fixed ventilation, solenoid valve and thermostat-controlled ventilation, only thermostat-controlled ventilation and unconnected solenoid valve.

## SIGNALLING - SYSTEM BLACK

### ANTI BLACK-OUT LAMPS



GW 21 833

### EXTRACTABLE ANTI BLACK-OUT LAMP

| Code    | Supply voltage  | Power supply batteries | Autonomy | Type of lamp | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|------------------------|----------|--------------|--------------------|---------------|
| GW21833 | 230V - 50/60 Hz | Ni-Mh                  | 2 h      | White LED    | 2                  | 1/4           |

**CHARACTERISTICS:** equipped with inhibition selector on the front. Replaceable batteries (battery pack 4.8 V 40 mAh).

# System



GW 21 835

## ANTI BLACK-OUT LAMP

| Code    | Supply voltage      | Power supply batteries | Minimum autonomy | Lamp      | No. SYSTEM modules | Pack / Carton |
|---------|---------------------|------------------------|------------------|-----------|--------------------|---------------|
| GW21835 | 230 V ac - 50/60 Hz | Ni - Mh                | 1 h              | White LED | 1                  | 1/14          |

**CHARACTERISTICS:** green LED for the presence of mains voltage signalling. Highly efficient, white LED lamp.

## ACOUSTIC SIGNALLING DEVICES



GW 21 613

### BELLS

| Code    | Supply voltage | Power input | Sound intensity | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------|-----------------|--------------------|---------------|
| GW21613 | 12 V - 50 Hz   | 8 VA        | 80 dB (at 1 m)  | 1                  | 15/30         |
| GW21616 | 230V ac - 50Hz | 8 VA        | 80 dB (at 1 m)  | 1                  | 15/30         |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 21 617

### BUZZERS

| Code    | Supply voltage | Power input | Sound intensity | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------|-----------------|--------------------|---------------|
| GW21617 | 12 V - 50 Hz   | 8 VA        | 75 dB (at 1 m)  | 1                  | 15/30         |
| GW21620 | 230 V - 50 Hz  | 8 VA        | 75 dB (at 1 m)  | 1                  | 15/30         |

**CHARACTERISTICS:** for intermittent use (5 sec. ON / 15 sec. OFF).



GW 21 641

### ELECTRONIC BELLS WITH 3 DIFFERENT TONES

| Code    | Supply voltage | Power input | Sound intensity   | No. SYSTEM modules | Pack / Carton |
|---------|----------------|-------------|-------------------|--------------------|---------------|
| GW21641 | 12V ac/dc      | 3 VA        | 75-90 dB (at 1 m) | 2                  | 1/4           |
| GW21643 | 230V ac - 50Hz | 3 VA        | 75-90 dB (at 1 m) | 2                  | 1/4           |

**CHARACTERISTICS:** for continuous use. Three tones (alarm, ring and two-tone) with adjustable sound intensity using the selector located on the front.

**APPLICATIONS:** it is possible to combine the outdoor call, indoor call and alarm functions with one single device..

## INDICATOR LIGHT DEVICES



GW 21 603

### SINGLE INDICATOR LAMPS - 12/24/250V AC

| Code                       | Diffuser colour | Diffuser meaning | Fixing for lamp | No. SYSTEM modules | Pack / Carton |
|----------------------------|-----------------|------------------|-----------------|--------------------|---------------|
| <b>Diffusor type: Flat</b> |                 |                  |                 |                    |               |
| GW21603                    | Red             | Danger           | Cartridge       | 1                  | 30/60         |
| GW21604                    | Green           | Safety           | Cartridge       | 1                  | 30/60         |
| GW21605                    | Yellow          | Attention        | Cartridge       | 1                  | 30/60         |
| GW21606                    | Transparent     | Neutral          | Cartridge       | 1                  | 30/60         |
| GW21631                    | Light blue      | Specific         | Cartridge       | 1                  | 30/60         |

**CHARACTERISTICS:** Supplied without lamp. They use S6x31 mm and S6.3x28 mm cartridge lamps (max 2 W).

**NOTES:** the meaning of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.



GW 21 607

### DOUBLE INDICATOR LAMPS

| Code                       | Diffuser colour | Lamp voltage | No. SYSTEM modules | Pack / Carton |
|----------------------------|-----------------|--------------|--------------------|---------------|
| <b>Diffusor type: Flat</b> |                 |              |                    |               |
| GW21607                    | Red/green       | 230V ac      | 1                  | 15/30         |
| GW21608                    | Red/green       | 12-24V ac/dc | 1                  | 15/30         |

**ACCESSORIES SUPPLIED:** supplied with LED lamps.



GW 21 634

### STAIR RISER LAMP WITH WHITE LED LIGHT - 12/230V AC

| Code    | Diffuser colour | Lamp           | Lamp voltage        | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|----------------|---------------------|--------------------|---------------|
| GW21634 | White           | Integrated LED | 12V ac/dc - 230V ac | 2                  | 1/15          |

**CHARACTERISTICS:** very bright LED, light adjustment eyelid, 12v ac/dc - 230V ac supply with double supply input.



GW 20 601

### STAIR RISER OR SPECIAL USES LAMPS WITH FLAT DIFFUSER - 12/24V

| Code    | Diffuser colour | Fixing for lamp | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|-----------------|--------------------|---------------|
| GW20601 | Opal diffuser   | Cartridge       | 3                  | 15/30         |
| GW20623 | Red             | Cartridge       | 3                  | 15/30         |
| GW20626 | Light blue      | Cartridge       | 3                  | 15/30         |

**CHARACTERISTICS:** supplied without lamp. Use cartridge lamps of the S6x36mm type (max 2W).

**APPLICATIONS:** identification of steps, obstacles etc..



GW 20 602

### STAIR RISER OR SPECIAL USES LAMPS WITH PROTRUDING DIFFUSER - 12/24V

| Code    | Diffuser colour | Fixing for lamp | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|-----------------|--------------------|---------------|
| GW20602 | Opal diffuser   | Cartridge       | 3                  | 1/12          |
| GW20627 | Red             | Cartridge       | 3                  | 1/12          |
| GW20628 | Green           | Cartridge       | 3                  | 1/12          |

**CHARACTERISTICS:** Supplied without lamp Use cartridge lamps of the S6x36mm type (max 2W).

**APPLICATIONS:** signalling.

# System



GW 20 622

## LAMP HOLDER

| Code    | Lampholder type | Power | Colour | No. SYSTEM modules | Pack / Carton |
|---------|-----------------|-------|--------|--------------------|---------------|
| GW20622 | E27             | 40 W  | Black  | 2                  | 15/30         |

**APPLICATIONS:** the product must be installed in compliance with IEC 64-8.

## SPECIAL APPLICATIONS - SYSTEM BLACK

### COMPONENTS FOR HOTEL SYSTEMS



GW 21 820

## UNIVERSAL BADGE SWITCH WITH BACKLIT LIGHT - 250V AC

| Code    | Description | For badge card max. width | Type            | Rated power of 230V LED lamps | No. SYSTEM modules | Pack / Carton |
|---------|-------------|---------------------------|-----------------|-------------------------------|--------------------|---------------|
| GW21820 | 1P NO - 10A | 54 mm                     | Backlit 230V ac | 100 W                         | 3                  | 1/2           |

**CHARACTERISTICS:** supplied without a badge.

**APPLICATIONS:** activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted).



GW 21 841

## EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

| Code    | Supply voltage     | For plug pins        | Selectable output voltage | Maximum power | No. SYSTEM modules | Pack / Carton |
|---------|--------------------|----------------------|---------------------------|---------------|--------------------|---------------|
| GW21841 | 230V ac - 50/60 Hz | Ø 4 / 5 - 6.3x1.5 mm | 120 - 230V ac             | 20 VA         | 3                  | 1/4           |

**CHARACTERISTICS:** the socket-outlet is equipped with a self-protection device against overloading. The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug. The relevant indicator LED allows the chosen voltage to be clearly seen.

**NOTES:** not suitable for installation in wall-mounting containers of the 27 COMBI range.

## ACCESSORIES

### SPARE PARTS AND ACCESSORIES



GW 10 881

## LED SIGNALLING UNITS - 230 V AC - 0.6 W

| Code      | Lamp voltage        | Lamp power | Lamp | Light emitted | Cable Colour | Pack / Carton |
|-----------|---------------------|------------|------|---------------|--------------|---------------|
| GW10881DY | 230 V ac - 50/60 Hz | 0.6 W      | LED  | Blue          | Blue         | 1/10          |
| GW10882DY | 230 V ac - 50/60 Hz | 0.6 W      | LED  | White         | White        | 1/10          |

**NOTES:** the LED signalling units are supplied with power supply cables (length 10 cm).



# System



Scan the QR Code and find out all the technical informations.

## TWO LINES, ONE SINGLE OFFER



The System range includes two lines of plates, one more rounded and the other with a squarer design, in a domestic series recognised for its reliability and robustness.

## INSTALLATION FLEXIBILITY

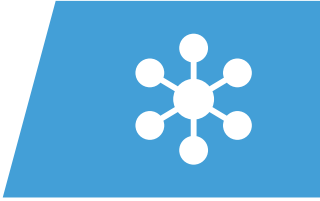


The domestic System series offers maximum application flexibility. It is highly versatile, with two attachment options, from the front or back of the support, making the mounting and release of devices quick and easy.

## A COMPLETE SOLUTION



The System devices are compatible with a wide range of accessories and can be installed in any electrical installation: flush- and surface-mounted rectangular boxes, flush-mounted square boxes, profiles and DIN rails, floor turrets and 27 Combi enclosures.



# 27 COMBI

## 27 Combi

WALL-MOUNTING ENCLOSURES  
AND MODULAR COMPONENTS

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# 27 Combi

## Wall-mounting enclosures and modular components

A complete, versatile system of modular enclosures, perfectly integrated in the SYSTEM domestic range capable to meet the high protection installation requirements of domestic, commercial and industrial sectors. The 27 COMBI range is available both in the IP40 version and in watertight versions with IP55 and IP65 degree of protection, recommended for all outdoor applications which are subjected to extreme atmospheric conditions.



## COMBI SYSTEM 40

### PROTECTED ENCLOSURES FOR SYSTEM DEVICES

#### PROTECTED EMPTY ENCLOSURES FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP40



GW 27 001



| Code      | Description | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|-----------|-------------|--------------------------------|------------------------------|-----------------------|-----------------|---------------|
| GW27001CO | 1 module    | 1                              | 3 on sides / 1 on the bottom | 66x82x55              | Halogen free    | 1/80          |
| GW27002CO | 2 modules   | 1                              | 3 on sides / 1 on the bottom | 66x82x55              | Halogen free    | 1/80          |
| GW27003CO | 3 modules   | 1                              | 3 on sides / 1 on the bottom | 99x82x55              | Halogen free    | 1/60          |
| GW27004CO | 4 modules   | -                              | 8 on sides / 1 on the bottom | 132x82x55             | Halogen free    | 1/40          |

**CHARACTERISTICS:** Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.

#### PROTECTED EMPTY ENCLOSURES FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP40 HORIZONTAL MULTIPLE CONFIGURATIONS



GW 27 005



| Code    | Description | Configuration | Compartment pre-arrangement | No. knockout holes Ø23        | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|---------|-------------|---------------|-----------------------------|-------------------------------|-----------------------|-----------------|---------------|
| GW27005 | 6 modules   | Module 3 x 2  | 2                           | 8 on sides / 2 on the bottom  | 198x82x55             | Halogen free    | 1/30          |
| GW27006 | 8 modules   | Module 4 x 2  | 2                           | 10 on sides / 2 on the bottom | 231x82x55             | Halogen free    | 1/20          |
| GW27007 | 12 modules  | Module 4 x 3  | 3                           | 16 on sides / 3 on the bottom | 330x82x55             | Halogen free    | 1/20          |
| GW27008 | 16 modules  | Module 4 x 4  | 2                           | 18 on sides / 4 on the bottom | 429x82x55             | Halogen free    | 1/20          |

**CHARACTERISTICS:** customized to be divided into compartments using the special functional dividers. Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.

#### PROTECTED EMPTY ENCLOSURES FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP40 VERTICAL MULTIPLE CONFIGURATIONS



GW 27 021



| Code    | Description | Configuration | Compartment pre-arrangement | No. knockout holes Ø23        | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|---------|-------------|---------------|-----------------------------|-------------------------------|-----------------------|-----------------|---------------|
| GW27022 | 6 modules   | Module 2 x 3  | 3                           | 8 on sides / 2 on the bottom  | 82x198x55             | Halogen free    | 1/30          |
| GW27023 | 8 modules   | Module 4 x 2  | 2                           | 10 on sides / 2 on the bottom | 132x132x55            | Halogen free    | 1/20          |
| GW27024 | 12 modules  | Module 4 x 3  | 3                           | 12 on sides / 3 on the bottom | 132x198x55            | Halogen free    | 1/20          |

**CHARACTERISTICS:** customized to be divided into compartments (except for GW27021) using the special functional dividers. Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.



## SELF-SUPPORTING BOXES FOR SYSTEM DEVICES



GW 27 603

### SELF-SUPPORTING DEVICE-HOLDER BOXES FOR MINI-TRUNKING FOR CABLES SINGLE AND TWIN-TRUNKING



| Code                          | Description | No. knockout holes Ø23 | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|-------------------------------|-------------|------------------------|-----------------------|-----------------|---------------|
| <b>Colour: White RAL 9010</b> |             |                        |                       |                 |               |
| GW27603                       | 1 module    | 1 on the bottom        | 120x82x54             | Halogen free    | 10            |
| GW27609                       | 2 modules   | 1 on the bottom        | 120x82x54             | Halogen free    | 10            |

**CHARACTERISTICS:** fitted for mini-trunking with sizes LxH (mm): 15x15, 20x20, 22x10, 30x10, 30x15, 35x15. Knockout holes removable with tool. Complete insulation can be obtained by using the screwcaps GW44622.



GW 27 615

### SELF-SUPPORTING DEVICE-HOLDER BOXES FOR MINI-TRUNKING AND TRUNKING USED AS SKIRTING AND FRAMING



| Code                               | Description | Compartment pre-arrangement | No. knockout holes Ø23 | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|------------------------------------|-------------|-----------------------------|------------------------|-----------------------|-----------------|---------------|
| <b>Colour: White RAL 9010</b>      |             |                             |                        |                       |                 |               |
| GW27615                            | 3 modules   | 1                           | 1 on the bottom        | 99x82x54              | Halogen free    | 10            |
| GW27621                            | 4 modules   | 1                           | 1 on the bottom        | 132x82x54             | Halogen free    | 10            |
| GW27627                            | 8 modules   | 2                           | 2 on the bottom        | 132x132x54            | Halogen free    | 5             |
| <b>Colour: Anthracite RAL 7021</b> |             |                             |                        |                       |                 |               |
| GW27616                            | 3 modules   | 1                           | 1 on the bottom        | 99x82x54              | Halogen free    | 10            |
| GW27622                            | 4 modules   | 1                           | 1 on the bottom        | 132x82x54             | Halogen free    | 10            |
| GW27628                            | 8 modules   | 2                           | 2 on the bottom        | 132x132x54            | Halogen free    | 5             |

**CHARACTERISTICS:** fitted for mini-trunking with sizes LxH (mm): 15x15, 20x20, 22x10, 30x10, 30x15, 35x15. Knockout holes removable with tool. Complete insulation can be obtained by using the screwcaps GW44622. GW27627 and GW27628 fitted for division into compartments using the special functional dividers.

## COMBI SYSTEM 55

### WATERTIGHT ENCLOSURES FOR SYSTEM DEVICES



GW 27 041

#### WATERTIGHT EMPTY ENCLOSURES FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP55

| Code      | Description | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Pack / Carton |
|-----------|-------------|--------------------------------|------------------------------|-----------------------|---------------|
| GW27041DY | 1 module    | 1                              | 3 on sides / 1 on the bottom | 66x82x65              | 1/30          |
| GW27042DY | 2 modules   | 1                              | 3 on sides / 1 on the bottom | 66x82x65              | 1/30          |
| GW27043DY | 3 modules   | 1                              | 3 on sides / 1 on the bottom | 99x82x65              | 1/40          |
| GW27044DY | 4 modules   | -                              | 8 on sides / 1 on the bottom | 132x82x65             | 1/30          |

**CHARACTERISTICS:** Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.



GW 27 051

#### WATERTIGHT EMPTY ENCLOSURES FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP55 VERTICAL MULTIPLE CONFIGURATIONS

| Code    | Description | Configuration | Compartment pre-arrangement | No. knockout holes Ø23        | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------|---------------|-----------------------------|-------------------------------|-----------------------|---------------|
| GW27051 | 8 modules   | Module 4 x 2  | 2                           | 10 on sides / 2 on the bottom | 132x171x65            | 1/20          |
| GW27052 | 12 modules  | Module 4 x 3  | 3                           | 12 on sides / 3 on the bottom | 132x258x65            | 1/15          |

**CHARACTERISTICS:** customized to be divided into compartments using the special functional dividers. Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.

# 27 Combi



GW 27 056

## WATERTIGHT GARDEN ENCLOSURES FOR APPLICATION ON POLE - GREY RAL 7035 - IP55

| Code    | Description | Fixing    | For pole Ø | No. open holes | No. knockouts holes Ø20 | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------|-----------|------------|----------------|-------------------------|-----------------------|---------------|
| GW27056 | 3 modules   | Pole head | 54 - 60 mm | 1              | -                       | 122x149x85            | 1/12          |
| GW27057 | 3 modules   | Pole arm  | 54 - 76 mm | 1              | 1                       | 122x164x85            | 1/12          |

**CHARACTERISTICS:** GW27057, complete with 2 holes for screw fixing and 2 slots for fixing with thermoplastic or metal cable ties up to 13mm in height. Knockout holes removable with tool. Enclosures are fit for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** cable gland PG13.5.

## COMPLETE COMBI SYSTEM ENCLOSURES AND DEVICES

### PROTECTED ENCLOSURES COMPLETE WITH SYSTEM DEVICES



GW 27 801

## PROTECTED ENCLOSURES COMPLETE WITH SYSTEM DEVICES COLOUR GREY RAL 7035 - IP40 - 250V AC

| Code      | Description                   | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Characteristics         | Pack / Carton |
|-----------|-------------------------------|--------------------------------|------------------------------|-----------------------|-------------------------|---------------|
| GW27801DY | One-way switch 1P - 16AX      | 1                              | 3 on sides / 1 on the bottom | 66x82x55              | -                       | 1/80          |
| GW27803DY | Two-way switch 1P - 16AX      | 1                              | 3 on sides / 1 on the bottom | 66x82x55              | -                       | 1/80          |
| GW27812DY | S.-outlet 2P+E - 16A Dual amp | 1                              | 3 on sides / 1 on the bottom | 66x82x55              | Italian/German standard | 1/80          |

**CHARACTERISTICS:** Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622. GW27801, GW27802, GW27803, GW27804, rated power of 230V LED lamps: 200W.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.

### WATERTIGHT ENCLOSURES COMPLETE WITH SYSTEM DEVICES



GW 27 832

## WATERTIGHT ENCLOSURES COMPLETE WITH SYSTEM DEVICES GREY RAL 7035 - IP55 - 250V AC

| Code      | Description                   | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Characteristics         | Pack / Carton |
|-----------|-------------------------------|--------------------------------|------------------------------|-----------------------|-------------------------|---------------|
| GW27833DY | Two-way switch 1P - 16AX      | 1                              | 3 on sides / 1 on the bottom | 66x82x65              | -                       | 1/60          |
| GW27841DY | S.-outlet 2P+E - 16A Dual amp | 1                              | 3 on sides / 1 on the bottom | 66x82x65              | Italian standard        | 1/60          |
| GW27842DY | S.-outlet 2P+E - 16A Dual amp | 1                              | 3 on sides / 1 on the bottom | 66x82x65              | Italian/German standard | 1/60          |
| GW27844DY | Socket-outlet 2P+E - 16A      | 1                              | 3 on sides / 1 on the bottom | 66x82x65              | German standard         | 1/60          |

**CHARACTERISTICS:** IP55 with door closed. Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622. GW27836 supplied without lamp: 56x36 - 12/24V cartridge lamp required. GW27831, GW27832, GW27833, GW27834, rated power of 230V LED lamps: 200W.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.

## COMPLETE DEVICES



GW 27 415

## INDICATOR LAMPS - MAX 15W - GREY RAL 7035 - IP55

| Code      | Diffuser colour | Rated voltage | Lampholder type | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Pack / Carton |
|-----------|-----------------|---------------|-----------------|--------------------------------|------------------------------|-----------------------|---------------|
| GW27415DY | Red             | 230 V ac      | E14             | 1                              | 3 on sides / 1 on the bottom | 66x82x95              | 1/40          |
| GW27416DY | Green           | 230 V ac      | E14             | 1                              | 3 on sides / 1 on the bottom | 66x82x95              | 1/40          |

Rated voltage with alternated current. Supplied without lamp.

**CHARACTERISTICS:** Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.



GW 27 424

### ELECTRONIC FLASHLIGHTS- MAX 25W - GREY RAL 7035 - IP55

| Code    | Diffuser colour | Rated voltage | Flash frequency | Lamp holder type | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-----------------|---------------|-----------------|------------------|--------------------------------|------------------------------|-----------------------|---------------|
| GW27421 | Red             | 24V ac        | 1 Hz            | E14              | 1                              | 3 on sides / 1 on the bottom | 66x82x95              | 1/12          |
| GW27422 | Red             | 230 V ac      | 1 Hz            | E14              | 1                              | 3 on sides / 1 on the bottom | 66x82x95              | 1/12          |
| GW27423 | Yellow          | 24V ac        | 1 Hz            | E14              | 1                              | 3 on sides / 1 on the bottom | 66x82x95              | 1/12          |
| GW27424 | Yellow          | 230 V ac      | 1 Hz            | E14              | 1                              | 3 on sides / 1 on the bottom | 66x82x95              | 1/12          |

Supplied without lamp.

**CHARACTERISTICS:** knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.



GW 26 417

### BUZZERS FOR SIGNALLING - GREY RAL 7035 - IP40

| Code    | Rated voltage | Sound intensity | Frequency impulses of sound | N. holes Ø 23 with cable gland | No. knockout holes Ø23       | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|---------------|-----------------|-----------------------------|--------------------------------|------------------------------|-----------------------|---------------|
| GW26417 | 24V ac        | 70 dB (at 1 m)  | 1 Hz                        | 1                              | 1 on sides / 1 on the bottom | 64x80x59              | 1/12          |
| GW26427 | 230 V ac      | 70 dB (at 1 m)  | 1 Hz                        | 1                              | 1 on sides / 1 on the bottom | 64x80x59              | 1/12          |

**CHARACTERISTICS:** knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. GW26417 consumption 60mA.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.



GW 27 431 B

### INFRARED ADJUSTABLE MOTION DETECTOR 230V - 50 HZ - IP55

| Code     | Range of action | Duration adjustment | Threshold adjustment | Outer dim. LxHxD (mm) | Pack / Carton |
|----------|-----------------|---------------------|----------------------|-----------------------|---------------|
| GW27431B | 12 m            | 10 sec. - 12 min.   | 3 - 100 lux          | 72x88x106             | 1/10          |

**CHARACTERISTICS:** horizontal cover range: 240°; rotating angle of the horizontal detection head: ±90°; sensitivity regulation: 3-12m. Incandescent and halogen lamps: max. 2000W, uncompensated fluorescent lamps: max. 480W, compensated fluorescent lamps: max. 200W, dimmable LED lamps 230V ac and dimmable CFL lamps: max. 8 (7+23W).

**ACCESSORIES SUPPLIED:** support for installation in corners; cover kit for limiting the detection field.



GW 27 432

### LIGHT-SENSITIVE DETECTOR WITH RELAY OUTPUT 230V - 50/60 HZ - IP65

| Code    | Threshold adjustment | Output contacts         | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|----------------------|-------------------------|-----------------------|---------------|
| GW27432 | 0 - 200 lux          | 1NO 16 A (AC1) 250 V ac | 55x106x45             | 1/24          |

**CHARACTERISTICS:** halogen and incandescent lamps: 23x100W (2300W); uncompensated fluorescent lamps: 12x58W (700W); compensated fluorescent lamps: 5x58W 35uF (290W); LED and energy saving lamps: max. 7 (7+15W).

**APPLICATIONS:** wall or pole mounting.

## SPECIAL ENCLOSURES

### COMBI-DIN - PROTECTED DIN-SYSTEM COMBINED ENCLOSURES



GW 27 071

#### PROTECTED ENCLOSURES FOR COMBINED INSTALLATION OF DIN MODULAR DEVICES AND SYSTEM SMOKED TRANSPARENT DOOR - GREY RAL 7035 - IP40



| Code    | No. DIN modules | No. SYSTEM modules | Configuration | Dispersible power (W) | No. knockout holes Ø23        | Outer dim. LxHxD (mm) | Characteristics | Pack / Carton |
|---------|-----------------|--------------------|---------------|-----------------------|-------------------------------|-----------------------|-----------------|---------------|
| GW27071 | 2               | 4                  | Module 2 x 2  | 13                    | 10 on sides / 2 on the bottom | 132x132x95            | Halogen free    | 1/8           |
| GW27072 | 4               | 8                  | Module 2 x 4  | 15                    | 12 on sides / 2 on the bottom | 231x132x95            | Halogen free    | 1/6           |
| GW27073 | 8               | 16                 | Module 4 x 4  | 18                    | 18 on sides / 2 on the bottom | 429x132x95            | Halogen free    | 1/4           |

**CHARACTERISTICS:** customized to be divided into 2 vertical compartments (except for GW27071) using the special functional dividers. Knockout holes removable with tool. Enclosures are customized for fixing the earth terminal GW26407. Complete insulation can be obtained by using the screwcaps GW44622.

**ACCESSORIES SUPPLIED:** quick entry cable gland for cables with Ø from 4 to 14 mm and conduits Ø 16 and 20 mm.

**NOTES:** dispersible power calculated according to IEC 60670-24.

### COMBI-IN - FLUSH-MOUNTING FLANGED COMPONENTS



GW 22 451

#### SELF-SUPPORTING WATERTIGHT PLATES FOR INSTALLATION ON FLUSH-MOUNTING RECTANGULAR BOXES - IP55

| Code    | Description | Colour Plate  | For flush mounting box | Pack / Carton |
|---------|-------------|---------------|------------------------|---------------|
| GW22451 | 3 modules   | Cloud white   | GW24403, GW24403PM     | 30            |
| GW22452 | 3 modules   | Black         | GW24403, GW24403PM     | 30            |
| GW22453 | 3 modules   | Grey RAL 7035 | GW24403, GW24403PM     | 30            |
| GW22461 | 4 modules   | Cloud white   | GW24404, GW24404PM     | 30            |
| GW22462 | 4 modules   | Black         | GW24404, GW24404PM     | 30            |
| GW22463 | 4 modules   | Grey RAL 7035 | GW24404, GW24404PM     | 30            |

**CHARACTERISTICS:** ergonomic membrane with notches in UV-resistant material. Snap closing system. Opening made easy by wide key.



GW 26 420

#### INDUSTRIAL SOCKET-OUTLETS IN COMPLIANCE WITH IEC 309 - GREY RAL 7035 - IP44

| Code    | Rated current (A) | No. of poles | Rated voltage | Reference h | Outer dim. LxHxD (mm) | Pack / Carton |
|---------|-------------------|--------------|---------------|-------------|-----------------------|---------------|
| GW26420 | 16                | 2P+E         | 230 V ac      | 6           | 116x90x45             | 1/20          |
| GW26421 | 16                | 3P+E         | 400V ac       | 6           | 116x90x45             | 1/20          |

**CHARACTERISTICS:** for installation on rectangular flush-mounting box GW24403.



## 27 Combi



Scan the QR Code and find out all the technical informations.

### RELIABILITY OVER TIME



The 27 Combi Series provides customised protection for every installation. This complete and versatile system of modular enclosures can be perfectly integrated into the domestic series, with IP40, IP55 and IP65 protection ratings ensuring reliability over the years.

### COMBI IP 40: SAFETY AND VERSATILITY

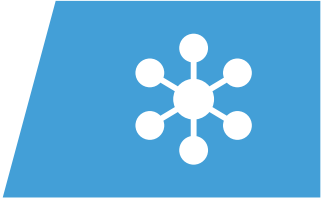


The installation of the modular enclosures is extremely easy, thanks to the possibility to combine different enclosures to make custom configurations and the large internal space for wiring, which can be divided for greater safety with special functional separators.

### COMBI IP55: ERGONOMICS AND PROTECTION



The special recessed transparent membrane makes it easy to locate the button keys by touch, while simple upward pressure opens the door. A perfect watertight seal is ensured by the closure system and coupling of the seals.



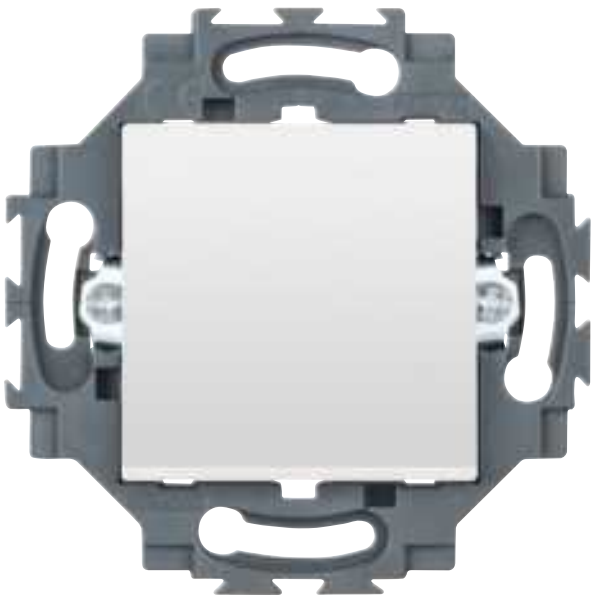
**DAHLIA**



**Domestic range**

PLATES

*pag. 360*



## **Domestic range**

MONOBLOC DEVICES

*pag. 367*

# Dahlia

## Plates

A wide choice of plates, realized in technopolymer in seven colors with glossy finish: white, ivory, hemp, cream, light grey, dark grey, anthracite grey. Plates available in different modularities, from 1 to 5 gang, installable indifferently in horizontal or in vertical position.



## DAHLIA PLATES

### TECHNOPOLYMER



GW 35 901 AW

#### DAHLIA - WHITE

| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AW | 1 gang      | -                   | -               | 240           |
| GW35902AW | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AW | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AW | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AW | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AW | Double      | -                   | -               | 120           |

CHARACTERISTICS: glossy finish. GW35909AW suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.



GW 35 901 AY

#### DAHLIA - IVORY

| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AY | 1 gang      | -                   | -               | 240           |
| GW35902AY | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AY | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AY | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AY | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AY | Double      | -                   | -               | 120           |

CHARACTERISTICS: glossy finish. GW35909AY suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.



GW 35 901 AH

#### DAHLIA - HEMP

| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AH | 1 gang      | -                   | -               | 240           |
| GW35902AH | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AH | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AH | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AH | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AH | Double      | -                   | -               | 120           |

CHARACTERISTICS: glossy finish. GW35909AH suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.



GW 35 901 AM

#### DAHLIA - CREAM

| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AM | 1 gang      | -                   | -               | 240           |
| GW35902AM | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AM | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AM | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AM | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AM | Double      | -                   | -               | 120           |

CHARACTERISTICS: glossy finish. GW35909AM suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.





GW 35 901 AG

### DAHLIA - LIGHT GREY

| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AG | 1 gang      | -                   | -               | 240           |
| GW35902AG | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AG | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AG | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AG | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AG | Double      | -                   | -               | 120           |

**CHARACTERISTICS:** glossy finish. GW35909AG suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.



GW 35 901 AD

### DAHLIA - DARK GREY

| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AD | 1 gang      | -                   | -               | 240           |
| GW35902AD | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AD | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AD | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AD | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AD | Double      | -                   | -               | 120           |

**CHARACTERISTICS:** glossy finish. GW35909AD suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.



GW 35 901 AN

### DAHLIA - ANTHRACITE GREY

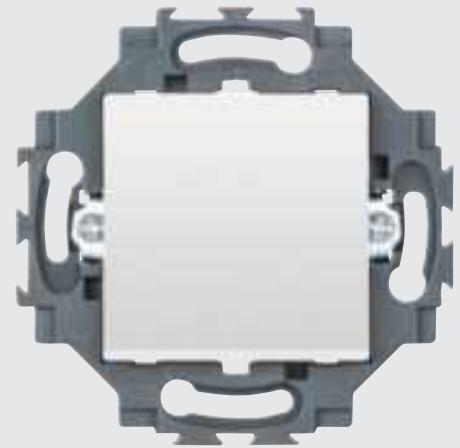
| Code      | Description | Type                | Centre distance | Pack / Carton |
|-----------|-------------|---------------------|-----------------|---------------|
| GW35901AN | 1 gang      | -                   | -               | 240           |
| GW35902AN | 2 gang      | Horizontal/Vertical | 71 mm           | 120           |
| GW35903AN | 3 gang      | Horizontal/Vertical | 71 mm           | 100           |
| GW35904AN | 4 gang      | Horizontal/Vertical | 71 mm           | 80            |
| GW35905AN | 5 gang      | Horizontal/Vertical | 71 mm           | 60            |
| GW35909AN | Double      | -                   | -               | 120           |

**CHARACTERISTICS:** glossy finish. GW35909AN suitable for double socket-outlets GW35204W, GW35204Y, GW35214W and GW35214Y.

# Dahlia

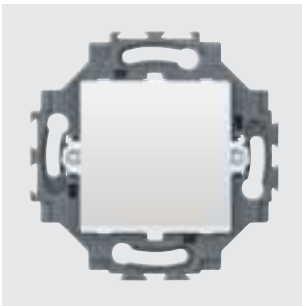
## White monobloc devices

With an elegant appearance and classic shapes, the wiring device system Dahlia complements the decor of the home with minimal and essential forms. Colours and finishes: glossy white, bright and versatile. Ideal for flush-mounting solutions (for square and round boxes) and surface-mounting solutions.



## COMMAND - WHITE VERSION

### COMMAND DEVICES - QUICK WIRING TERMINALS



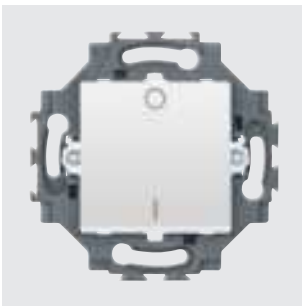
GW 35 001 W

#### ONE-WAY SWITCHES 1P - 250 V AC

| Code     | Description            | Button key                    | Rated power of 230V LED lamps | Pack / Carton |
|----------|------------------------|-------------------------------|-------------------------------|---------------|
| GW35031W | 1P - 10AX illuminable  | Neutral                       | 100 W                         | 10/100        |
| GW35001W | 1P - 10 AX illuminable | Neutral                       | 100 W                         | 10/100        |
| GW35002W | 1P - 10 AX backlit     | Neutral                       | 100 W                         | 10/100        |
| GW35006W | 1P - 10 AX backlit     | With replaceable neutral lens | 100 W                         | 10/100        |

**CHARACTERISTICS:** the backlit articles include miniature lamp units with amber led lamp. The illuminable articles are pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.



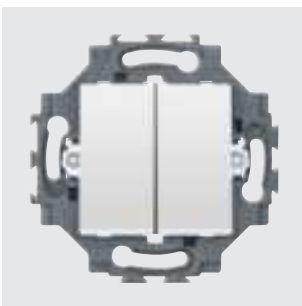
GW 35 003 W

#### ONE-WAY SWITCH 2P - 250 V AC

| Code     | Description            | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|----------|------------------------|------------|--------|-------------------------------|---------------|
| GW35003W | 2P - 10 AX illuminable | Neutral    | 0/1    | 100 W                         | 10/100        |

**CHARACTERISTICS:** the illuminable articles are pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.

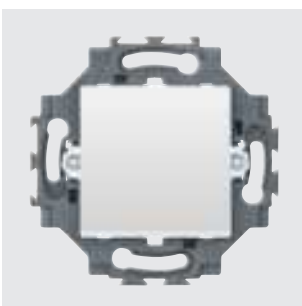


GW 35 051 W

#### DOUBLE ONE-WAY SWITCH 1P - 250 V AC

| Code     | Description       | Button key | Rated power of 230V LED lamps | Pack / Carton |
|----------|-------------------|------------|-------------------------------|---------------|
| GW35051W | Double 1P - 10 AX | Neutral    | 100 W                         | 10/100        |

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.



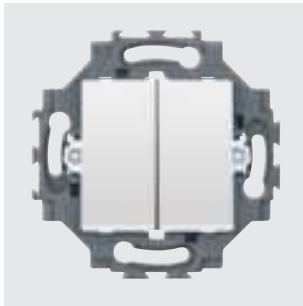
GW 35 011 W

#### TWO-WAY SWITCHES 1P - 250 V AC

| Code     | Description            | Button key                    | Rated power of 230V LED lamps | Pack / Carton |
|----------|------------------------|-------------------------------|-------------------------------|---------------|
| GW35071W | 1P - 10AX illuminable  | Neutral                       | 100 W                         | 10/100        |
| GW35011W | 1P - 10 AX illuminable | Neutral                       | -                             | 10/100        |
| GW35012W | 1P - 10 AX backlit     | Neutral                       | 100 W                         | 10/100        |
| GW35016W | 1P - 10 AX backlit     | With replaceable neutral lens | 100 W                         | 10/100        |

**CHARACTERISTICS:** the backlit articles include miniature lamp units with amber led lamp. The illuminable articles are pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.

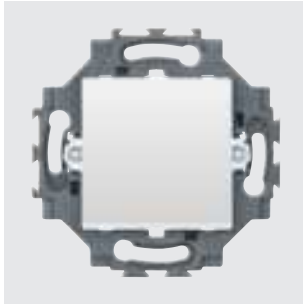


GW 35 052 W

### DOUBLE TWO-WAY SWITCH 1P - 250 V AC

| Code     | Description       | Button key | Rated power of 230V LED lamps | Pack / Carton |
|----------|-------------------|------------|-------------------------------|---------------|
| GW35052W | Double 1P - 10 AX | Neutral    | 100 W                         | 10/100        |

NOTES: rear access terminals with spring quick wiring, no tools necessary.

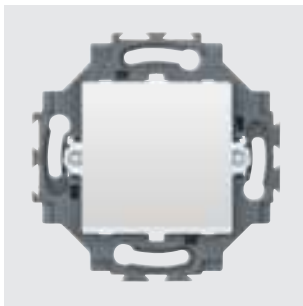


GW 35 015 W

### INTERMEDIATE SWITCH 1P - 250 V AC

| Code     | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|----------|-------------|------------|-------------------------------|---------------|
| GW35015W | 1P - 10AX   | Neutral    | 100 W                         | 10/100        |

NOTES: rear access terminals with spring quick wiring, no tools necessary.



GW 35 021 W

### PUSH-BUTTONS 1P - 250 V AC

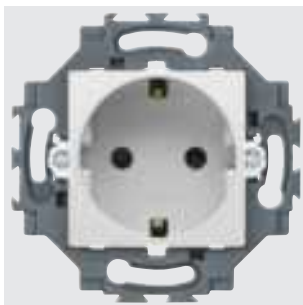
| Code     | Description          | Button key                    | Pack / Carton |
|----------|----------------------|-------------------------------|---------------|
| GW35021W | 1P - 10A illuminable | Neutral                       | 10/100        |
| GW35022W | 1P - 10 A backlit    | Neutral                       | 10/100        |
| GW35026W | 1P - 10 A backlit    | With replaceable neutral lens | 10/100        |

CHARACTERISTICS: the backlit articles include miniature lamp units with amber led lamp. The illuminable articles are pre-arranged for housing miniature led lamp units (not included).

NOTES: rear access terminals with spring quick wiring, no tools necessary.

## POWER - WHITE VERSION

### GERMAN STANDARD SOCKET-OUTLETS - QUICK WIRING TERMINALS



GW 35 206 W

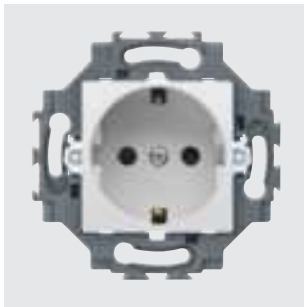
### GERMAN STANDARD SOCKET-OUTLET - 250 V AC

| Code     | Description | For plug pins | Pack / Carton |
|----------|-------------|---------------|---------------|
| GW35206W | 2P+E - 16A  | Ø 4.8 mm      | 10/100        |
| GW35201W | 2P+E - 16A  | Ø 4.8 mm      | 10/100        |

CHARACTERISTICS: with safety shields. Pre-arranged for housing miniature led lamp units (not included).

NOTES: rear access terminals with spring quick wiring, no tools necessary.

## GERMAN STANDARD SOCKET-OUTLETS - SCREW TERMINALS



GW 35 207 W

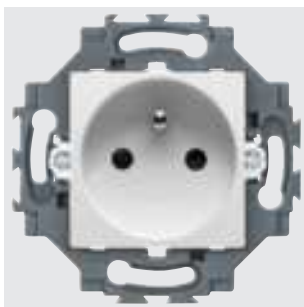
### GERMAN STANDARD SOCKET-OUTLETS WITH FRONT TIGHTENING TERMINALS - 250 V AC

| Code     | Description | Type     | For plug pins | Pack / Carton |
|----------|-------------|----------|---------------|---------------|
| GW35207W | 2P+E - 16A  | -        | Ø 4.8 mm      | 10/100        |
| GW35202W | 2P+E - 16A  | -        | Ø 4.8 mm      | 10/100        |
| GW35203W | 2P+E - 16A  | With lid | Ø 4.8 mm      | 10/100        |
| GW35204W | 2P+E - 16A  | Double   | Ø 4.8 mm      | 6/60          |

**CHARACTERISTICS:** with safety shields. GW35203W equipped with rigid transparent lid with glossy finish and degree of protection IP40 with closed lid. GW35207W and GW35203W pre-arranged for housing miniature led lamp units (not included).

**NOTES:** front access terminals with screw wiring.

## FRENCH STANDARD SOCKET-OUTLETS - QUICK WIRING TERMINALS



GW 35 216 W

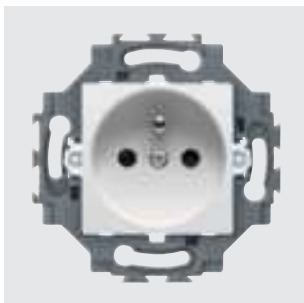
### FRENCH STANDARD SOCKET-OUTLET - 250 V AC

| Code     | Description | For plug pins | Pack / Carton |
|----------|-------------|---------------|---------------|
| GW35216W | 2P+E - 16A  | Ø 4 / 4.8 mm  | 10/100        |
| GW35211W | 2P+E - 16A  | Ø 4 / 4.8 mm  | 10/100        |

**CHARACTERISTICS:** with safety shields. Pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.

## FRENCH STANDARD SOCKET-OUTLETS - SCREW TERMINALS



GW 35 212 W

### FRENCH STANDARD SOCKET-OUTLETS WITH FRONT TIGHTENING TERMINALS - 250 V AC

| Code     | Description | Type     | For plug pins | Pack / Carton |
|----------|-------------|----------|---------------|---------------|
| GW35212W | 2P+E - 16A  | -        | Ø 4 / 4.8 mm  | 10/100        |
| GW35213W | 2P+E - 16A  | With lid | Ø 4 / 4.8 mm  | 10/100        |
| GW35214W | 2P+E - 16A  | Double   | Ø 4 / 4.8 mm  | 6/60          |

**CHARACTERISTICS:** with safety shields. GW35213W equipped with rigid transparent lid with glossy finish and degree of protection IP40 with closed lid. GW35212W and GW35213W pre-arranged for housing miniature led lamp units (not included).

**NOTES:** front access terminals with screw wiring.

## DIMMERS - WHITE VERSION

### DIMMERS - SCREW TERMINALS



GW 35 301 W

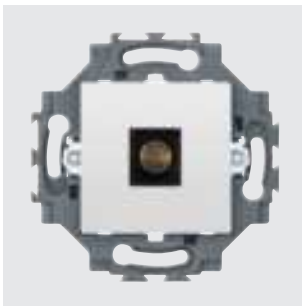
#### UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code     | Supply voltage | Pack / Carton |
|----------|----------------|---------------|
| GW35301W | 230V ac - 50Hz | 6/60          |

**CHARACTERISTICS:** for the regulation and switching of incandescent and halogen lamps 230V AC (20-160W), low voltage halogen lamps (12Vac) with electronic transformers (40-160W), LED lamps 230V AC with dimmer functions (4-160W), low voltage LED lamps (12Vac) with electronic transformers (4-110W). Rotary command with two-way switch.

## DATA - WHITE VERSION

### TV SOCKETS



GW 35 261 W

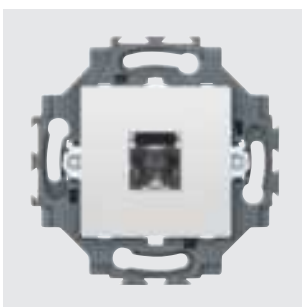
#### COAXIAL TV SOCKET (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code     | Description | Attenuation | Pack / Carton |
|----------|-------------|-------------|---------------|
| GW35261W | Direct      | 0 dB        | 10/100        |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).

**APPLICATIONS:** socket-outlet suitable for return channel.

### TELEPHONE SOCKETS



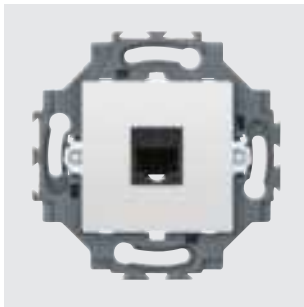
GW 35 251 W

#### INTERNATIONAL STANDARD TELEPHONE SOCKETS

| Code     | Description | Connection         | Pack / Carton |
|----------|-------------|--------------------|---------------|
| GW35251W | RJ11        | Screw-on terminals | 10/100        |

**APPLICATIONS:** telephone, telefax, modem.

## DATA SOCKETS

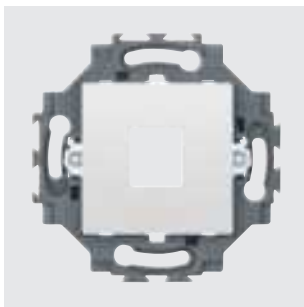


GW 35 271 W

### RJ45 SOCKETS

| Code     | Description | Number pairs | Use category | Cables | Connection | Pack / Carton |
|----------|-------------|--------------|--------------|--------|------------|---------------|
| GW35271W | RJ45        | 4            | 5e           | UTP    | Toolless   | 10/100        |
| GW35272W | RJ45        | 4            | 5e           | FTP    | Toolless   | 10/100        |
| GW35273W | RJ45        | 4            | 6            | UTP    | Toolless   | 10/100        |
| GW35274W | RJ45        | 4            | 6            | FTP    | Toolless   | 10/100        |

APPLICATIONS: LAN networks up to 100 MHz (e.g. Ethernet or Token Ring networks) for cat. 5e; LAN networks up to 250 MHz (e.g. video conference or video control systems) for cat. 6.

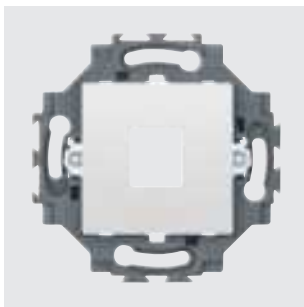


GW 35 280 W

### ADAPTER FOR HOUSING DATA CONNECTORS

| Code     | Compatibility       | Pack / Carton |
|----------|---------------------|---------------|
| GW35280W | AMP / Keystone Jack | 10/100        |

NOTES: with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the Gewiss adapter.



GW 35 280 W

### CONTENEDOR VACÍO PARA EL MONTAJE DE CONECTORES DE DATOS RJ45

| Code     | Compatibility       | Reach | Pack / Carton |
|----------|---------------------|-------|---------------|
| GW35280W | AMP / Keystone Jack | -     | 10/100        |

NOTAS: en relación con las evoluciones tecnológicas y con las variantes dimensionales introducidas por los fabricantes de conectores, se aconseja realizar una comprobación previa y práctica para verificar la compatibilidad completa entre los conectores y el contenedor vacío de Gewiss.

## USB AND HDMI COUPLERS



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

NOTES: for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## ACCESSORIES



GW 35 981

### MINIATURE LED LAMP UNIT

| Code    | Lamp voltage       | Colour | Power | Pack / Carton |
|---------|--------------------|--------|-------|---------------|
| GW35981 | 230V ac - 50/60 Hz | Amber  | 0.6 W | 50/500        |

**NOTES:** the miniature led lamps are supplied with power supply cables (length 10 cm).

**APPLICATIONS:** suitable for housing into backlit and illuminable switches and single socket-outlets.



GW 35 986

### LENSES WITH ILLUMINATED SYMBOLS

| Code    | Description | Pack / Carton |
|---------|-------------|---------------|
| GW35986 | Lens kit    | 1/50          |

**NOTES:** to be used in place of the neutral lens in the command devices.

The kit includes: 10 pieces of lens with the "Light" symbol, 10 pieces with the "Stair light" symbol, 10 pieces with the "Key" symbol and 10 pieces with the "Bell" symbol.



GW 35 911

### WALL-MOUNTING BOXES FOR DAHLIA PLATES

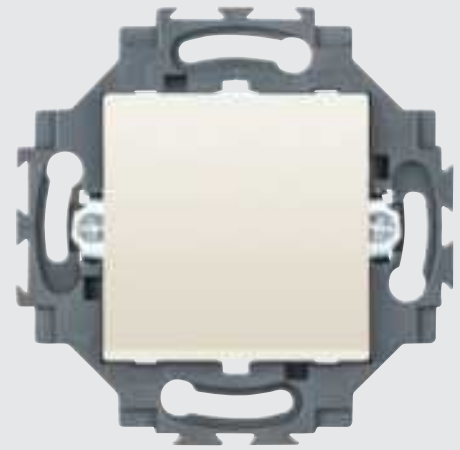
| Code    | Description | Colour | Pack / Carton |
|---------|-------------|--------|---------------|
| GW35911 | 1 gang      | White  | 10/80         |
| GW35912 | 2 gang      | White  | 5/40          |

**CHARACTERISTICS:** plate not included. GW35911 requires a Dahlia 1 gang plate (GW35901xx); GW35912 requires a Dahlia 2 gang plate (GW35902xx).

# Dahlia

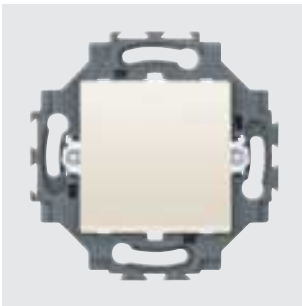
## Ivory monobloc devices

With an elegant appearance and classic shapes, the wiring device system Dahlia complements the decor of the home with minimal and essential forms. Colours and finishes: glossy ivory, bright and versatile. Ideal for flush-mounting solutions (for square and round boxes) and surface-mounting solutions.



## COMMAND - IVORY VERSION

### COMMAND DEVICES - QUICK WIRING TERMINALS



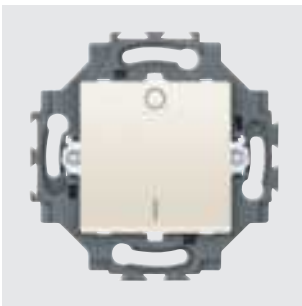
GW 35 001 Y

#### ONE-WAY SWITCHES 1P - 250 V AC

| Code     | Description           | Button key                    | Rated power of 230V LED lamps | Pack / Carton |
|----------|-----------------------|-------------------------------|-------------------------------|---------------|
| GW35001Y | 1P - 10AX illuminable | Neutral                       | 100 W                         | 10/100        |
| GW35002Y | 1P - 10 AX backlit    | Neutral                       | 100 W                         | 10/100        |
| GW35006Y | 1P - 10 AX backlit    | With replaceable neutral lens | 100 W                         | 10/100        |

**CHARACTERISTICS:** the backlit articles include miniature lamp units with amber led lamp. The illuminable articles are pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.



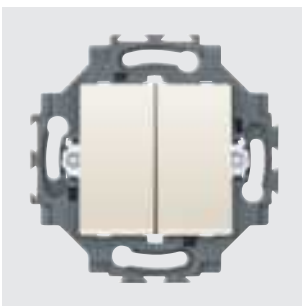
GW 35 003 Y

#### ONE-WAY SWITCH 2P - 250 V AC

| Code     | Description           | Button key | Symbol | Rated power of 230V LED lamps | Pack / Carton |
|----------|-----------------------|------------|--------|-------------------------------|---------------|
| GW35003Y | 2P - 10AX illuminable | Neutral    | 0/1    | 100 W                         | 10/100        |

**CHARACTERISTICS:** the illuminable articles are pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.

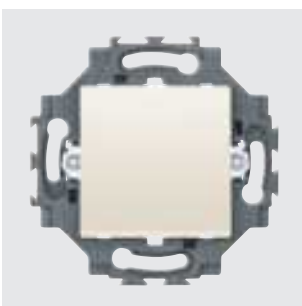


GW 35 051 Y

#### DOUBLE ONE-WAY SWITCH 1P - 250 V AC

| Code     | Description       | Button key | Rated power of 230V LED lamps | Pack / Carton |
|----------|-------------------|------------|-------------------------------|---------------|
| GW35051Y | Double 1P - 10 AX | Neutral    | 100 W                         | 10/100        |

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.



GW 35 011 Y

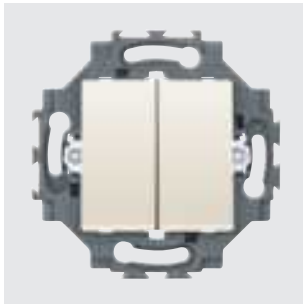
#### TWO-WAY SWITCHES 1P - 250 V AC

| Code     | Description           | Button key                    | Rated power of 230V LED lamps | Pack / Carton |
|----------|-----------------------|-------------------------------|-------------------------------|---------------|
| GW35011Y | 1P - 10AX illuminable | Neutral                       | 100 W                         | 10/100        |
| GW35012Y | 1P - 10 AX backlit    | Neutral                       | 100 W                         | 10/100        |
| GW35016Y | 1P - 10 AX backlit    | With replaceable neutral lens | 100 W                         | 10/100        |

**CHARACTERISTICS:** the backlit articles include miniature lamp units with amber led lamp. The illuminable articles are pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.



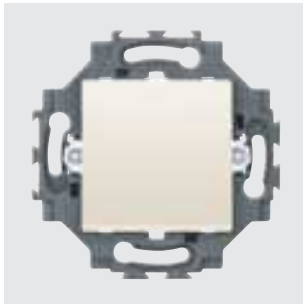


GW 35 052 Y

### DOUBLE TWO-WAY SWITCH 1P - 250 V AC

| Code     | Description       | Button key | Rated power of 230V LED lamps | Pack / Carton |
|----------|-------------------|------------|-------------------------------|---------------|
| GW35052Y | Double 1P - 10 AX | Neutral    | 100 W                         | 10/100        |

NOTES: rear access terminals with spring quick wiring, no tools necessary.

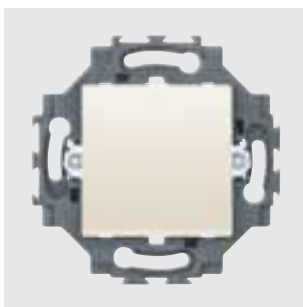


GW 35 015 Y

### INTERMEDIATE SWITCH 1P - 250 V AC

| Code     | Description | Button key | Rated power of 230V LED lamps | Pack / Carton |
|----------|-------------|------------|-------------------------------|---------------|
| GW35015Y | 1P - 10AX   | Neutral    | 100 W                         | 10/100        |

NOTES: rear access terminals with spring quick wiring, no tools necessary.



GW 35 021 Y

### PUSH-BUTTONS 1P - 250 V AC

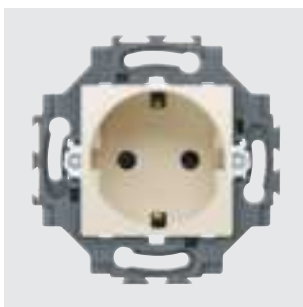
| Code     | Description          | Button key                    | Pack / Carton |
|----------|----------------------|-------------------------------|---------------|
| GW35021Y | 1P - 10A illuminable | Neutral                       | 10/100        |
| GW35022Y | 1P - 10 A backlit    | Neutral                       | 10/100        |
| GW35026Y | 1P - 10 A backlit    | With replaceable neutral lens | 10/100        |

CHARACTERISTICS: the backlit articles include miniature lamp units with amber led lamp. The illuminable articles are pre-arranged for housing miniature led lamp units (not included).

NOTES: rear access terminals with spring quick wiring, no tools necessary.

## POWER - IVORY VERSION

### GERMAN STANDARD SOCKET-OUTLETS - QUICK WIRING TERMINALS



GW 35 201 Y

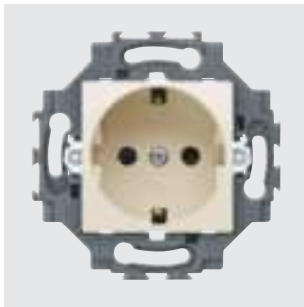
### GERMAN STANDARD SOCKET-OUTLET - 250 V AC

| Code     | Description | For plug pins | Pack / Carton |
|----------|-------------|---------------|---------------|
| GW35201Y | 2P+E - 16A  | Ø 4.8 mm      | 10/100        |

CHARACTERISTICS: with safety shields. Pre-arranged for housing miniature led lamp units (not included).

NOTES: rear access terminals with spring quick wiring, no tools necessary.

## GERMAN STANDARD SOCKET-OUTLETS - SCREW TERMINALS



GW 35 202 Y

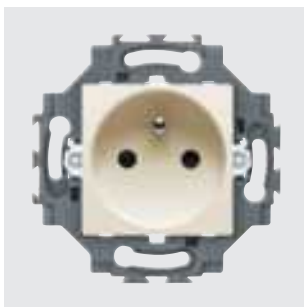
### GERMAN STANDARD SOCKET-OUTLETS WITH FRONT TIGHTENING TERMINALS - 250 V AC

| Code     | Description | Type     | For plug pins | Pack / Carton |
|----------|-------------|----------|---------------|---------------|
| GW35202Y | 2P+E - 16A  | -        | Ø 4.8 mm      | 10/100        |
| GW35203Y | 2P+E - 16A  | With lid | Ø 4.8 mm      | 10/100        |
| GW35204Y | 2P+E - 16A  | Double   | Ø 4.8 mm      | 6/60          |

**CHARACTERISTICS:** with safety shields. GW35203Y equipped with rigid transparent lid with glossy finish and degree of protection IP40 with closed lid. GW35202Y and GW35203Y pre-arranged for housing miniature led lamp units (not included).

**NOTES:** front access terminals with screw wiring.

## FRENCH STANDARD SOCKET-OUTLETS - QUICK WIRING TERMINALS



GW 35 211 Y

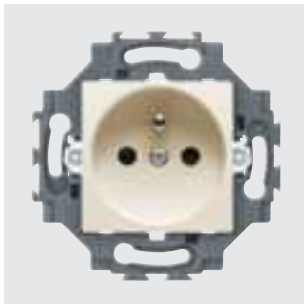
### FRENCH STANDARD SOCKET-OUTLET - 250 V AC

| Code     | Description | For plug pins | Pack / Carton |
|----------|-------------|---------------|---------------|
| GW35211Y | 2P+E - 16A  | Ø 4 / 4.8 mm  | 10/100        |

**CHARACTERISTICS:** with safety shields. Pre-arranged for housing miniature led lamp units (not included).

**NOTES:** rear access terminals with spring quick wiring, no tools necessary.

## FRENCH STANDARD SOCKET-OUTLETS - SCREW TERMINALS



GW 35 212 Y

### FRENCH STANDARD SOCKET-OUTLETS WITH FRONT TIGHTENING TERMINALS - 250 V AC

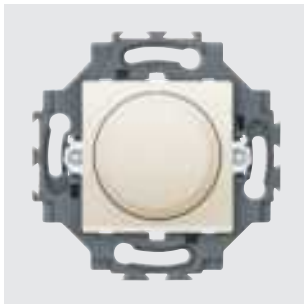
| Code     | Description | Type     | For plug pins | Pack / Carton |
|----------|-------------|----------|---------------|---------------|
| GW35212Y | 2P+E - 16A  | -        | Ø 4 / 4.8 mm  | 10/100        |
| GW35213Y | 2P+E - 16A  | With lid | Ø 4 / 4.8 mm  | 10/100        |
| GW35214Y | 2P+E - 16A  | Double   | Ø 4 / 4.8 mm  | 6/60          |

**CHARACTERISTICS:** with safety shields. GW35213Y equipped with rigid transparent lid with glossy finish and degree of protection IP40 with closed lid. GW35212Y and GW35213Y pre-arranged for housing miniature led lamp units (not included).

**NOTES:** front access terminals with screw wiring.

## DIMMERS - IVORY VERSION

### DIMMERS - SCREW TERMINALS



GW 35 301 Y

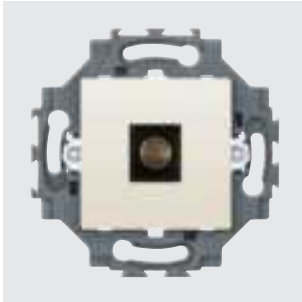
### UNIVERSAL ROTATING ELECTRONIC REGULATOR

| Code     | Supply voltage | Pack / Carton |
|----------|----------------|---------------|
| GW35301Y | 230V ac - 50Hz | 6/60          |

**CHARACTERISTICS:** for the regulation and switching of incandescent and halogen lamps 230V AC (20-160W), low voltage halogen lamps (12VAc) with electronic transformers (40-160W), LED lamps 230V AC with dimmer functions (4-160W), low voltage LED lamps (12VAc) with electronic transformers (4-110W). Rotary command with two-way switch.

## DATA - IVORY VERSION

### TV SOCKETS



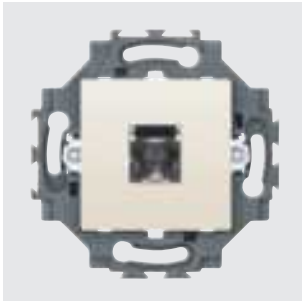
GW 35 261 Y

#### COAXIAL TV SOCKET (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

| Code     | Description | Attenuation | Pack / Carton |
|----------|-------------|-------------|---------------|
| GW35261Y | Direct      | 0 dB        | 10/100        |

**CHARACTERISTICS:** allows the passage of voltage/current of remote power supply and/or control signals towards the user port (max 24V - 500 mA).  
**APPLICATIONS:** socket-outlet suitable for return channel.

### TELEPHONE SOCKETS



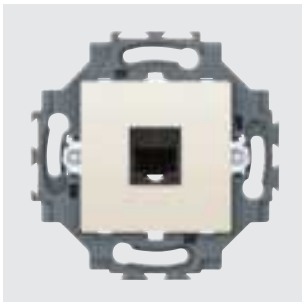
GW 35 251 Y

#### INTERNATIONAL STANDARD TELEPHONE SOCKETS

| Code     | Description | Connection         | Pack / Carton |
|----------|-------------|--------------------|---------------|
| GW35251Y | RJ11        | Screw-on terminals | 10/100        |

**APPLICATIONS:** telephone, telefax, modem.

### DATA SOCKETS

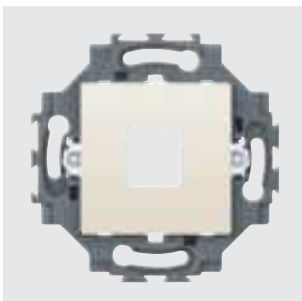


GW 35 271 Y

#### RJ45 SOCKETS

| Code     | Description | Number pairs | Use category | Cables | Connection | Pack / Carton |
|----------|-------------|--------------|--------------|--------|------------|---------------|
| GW35271Y | RJ45        | 4            | 5e           | UTP    | Toolless   | 10/100        |
| GW35272Y | RJ45        | 4            | 5e           | FTP    | Toolless   | 10/100        |
| GW35273Y | RJ45        | 4            | 6            | UTP    | Toolless   | 10/100        |
| GW35274Y | RJ45        | 4            | 6            | FTP    | Toolless   | 10/100        |

**APPLICATIONS:** LAN networks up to 100 MHz (e.g. Ethernet or Token Ring networks) for cat. 5e; LAN networks up to 250 MHz (e.g. video conference or video control systems) for cat. 6.



GW 35 280 Y

#### ADAPTER FOR HOUSING DATA CONNECTORS

| Code     | Compatibility       | Pack / Carton |
|----------|---------------------|---------------|
| GW35280Y | AMP / Keystone Jack | 10/100        |

**NOTES:** with regard to the technological developments and dimensional variants introduced by connector manufacturers, you are advised to check in advance the full compatibility between the connector and the Gewiss adapter.

## USB AND HDMI COUPLERS



GW 38 056

### USB AND HDMI COUPLERS

| Code    | Description  | Type                   | Compatibility | Pack / Carton |
|---------|--------------|------------------------|---------------|---------------|
| GW38056 | HDMI coupler | Female/Female          | Keystone Jack | 1/48          |
| GW38057 | USB coupler  | Female/Female - A type | Keystone Jack | 1/48          |

**NOTES:** for adapters designed to house data connectors (ChoruSmart, System and Playbus) with Keystone Jack type coupling and permutation panels.

## ACCESSORIES



GW 35 981

### MINIATURE LED LAMP UNIT

| Code    | Lamp voltage       | Colour | Power | Pack / Carton |
|---------|--------------------|--------|-------|---------------|
| GW35981 | 230V ac - 50/60 Hz | Amber  | 0.6 W | 50/500        |

**NOTES:** the miniature led lamps are supplied with power supply cables (length 10 cm).

**APPLICATIONS:** suitable for housing into backlit and illuminable switches and single socket-outlets.



GW 35 986

### LENSES WITH ILLUMINATED SYMBOLS

| Code    | Description | Pack / Carton |
|---------|-------------|---------------|
| GW35986 | Lens kit    | 1/50          |

**NOTES:** to be used in place of the neutral lens in the command devices.

The kit includes: 10 pieces of lens with the "Light" symbol, 10 pieces with the "Stair light" symbol, 10 pieces with the "Key" symbol and 10 pieces with the "Bell" symbol.



GW 35 911

### WALL-MOUNTING BOXES FOR DAHLIA PLATES

| Code    | Description | Colour | Pack / Carton |
|---------|-------------|--------|---------------|
| GW35911 | 1 gang      | White  | 10/80         |
| GW35912 | 2 gang      | White  | 5/40          |

**CHARACTERISTICS:** plate not included. GW35911 requires a Dahlia 1 gang plate (GW35901xx); GW35912 requires a Dahlia 2 gang plate (GW35902xx).



# Dahlia



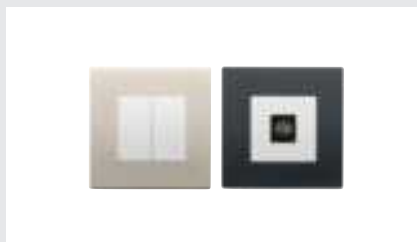
Scan the QR Code and find out all the technical informations.

## DAHLIA RANGE



Dahlia wiring devices have been developed for those countries where round boxes are typically used. A wide range of devices available in white and ivory colors, with glossy finish, expandable for enhanced functions thanks to the ChoruSmart modular devices.

## DAHLIA PLATES

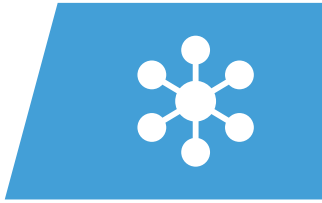


A wide choice of plates, realized in technopolymer in seven colors with glossy finish and in many modularities, installable indifferently in horizontal or in vertical position. A special plate has been designed for the double German and French socket-outlets.

## EXPANDABLE WITH CHORUSMART



The special frame support allows the integration of the Dahlia range with the ChoruSmart modular devices, picking up whatever ChoruSmart device you should need. The support has to be completed with Dahlia plates.



# DATA AND ENERGY DISTRIBUTION



## 28 Spic

PLUGS, SOCKETS AND ADAPTERS  
FOR DOMESTIC AND SIMILAR USES

*pag. 376*



# 28 Spic

## Plugs, sockets and adapters for domestic and similar uses

Range of plugs, socket-outlets, multiple adaptors and trailing socket-outlets for the most common power take-off needs in the domestic environment.



## PLUGS AND PORTABLE SOCKET-OUTLETS

### PLUGS



GW 28 005

#### STRAIGHT PLUGS - ITALIAN STANDARD - 250V AC

| Code      | No. of poles | Rated current (A) | Type | Colour | Pack / Carton |
|-----------|--------------|-------------------|------|--------|---------------|
| GW28003DY | 2P+E         | 10                | S11  | White  | 25/250        |
| GW28004DY | 2P+E         | 10                | S11  | Slate  | 25/250        |
| GW28005DY | 2P+E         | 16                | S17  | White  | 25/150        |
| GW28006DY | 2P+E         | 16                | S17  | Slate  | 25/150        |



GW 28 011

#### STRAIGHT PLUGS - GERMAN/FRENCH STANDARD - 250V AC



| Code      | No. of poles | Rated current (A) | Colour | Characteristics | Pack / Carton |
|-----------|--------------|-------------------|--------|-----------------|---------------|
| GW28011DY | 2P+E         | 16                | White  | Halogen free    | 10/60         |

Plug with double earthing contact (side for German standard, middle for French standard).

### PORTABLE SOCKET-OUTLETS



GW 28 205

#### ITALIAN STANDARD PORTABLE SOCKET-OUTLETS - 250V AC

| Code      | No. of poles | Rated current (A) | Type                 | Colour | Pack / Carton |
|-----------|--------------|-------------------|----------------------|--------|---------------|
| GW28203DY | 2P+E         | 10                | P11                  | White  | 25/150        |
| GW28204DY | 2P+E         | 10                | P11                  | Slate  | 25/150        |
| GW28205DY | 2P+E         | 16                | Dual amperage P17-11 | White  | 25/150        |
| GW28206DY | 2P+E         | 16                | Dual amperage P17-11 | Slate  | 25/150        |

CHARACTERISTICS: with safety shields.





## 28 Spic



Scan the QR Code and find out all the technical informations.

### ERGONOMIC



Anti-slip ribs allow the best ergonomics during use.

### WALKABLE



Designed to withstand shock in accordance with standard 23-50.



MOBILITY

## ELECTRIC VEHICLE CHARGING

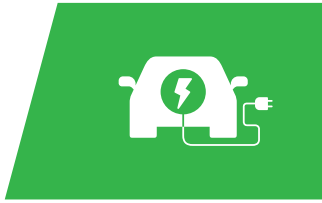
The complete range of JOINON charging stations, compliant with the international standard IEC 61851, allows the connection and recharging of all electric cars currently on the market both in domestic and public installations such as rest areas, shopping centers, hotels and petrol stations.



## ENERGY AND SERVICES DISTRIBUTION PEDESTALS

The 68 Q-MC range is the innovative energy and services distribution system for environments such as tourist ports, campsites and public spaces (trade fairs, markets, gardens, etc.) that combines an attractive design with total reliability that is maintained over time thanks to its resistance to chemicals and atmospheric agents. The terminals are available both in AISI 316L stainless steel and in thermoplastic material, in blue, white or green colours. The range includes both pre-wired and empty versions, which can be configured as needed.





# ELECTRIC VEHICLE CHARGING



**Joinon**

ELECTRIC VEHICLE CHARGING WALLBOX I-CON

*pag. 382*



## Joinon

ELECTRIC VEHICLE CHARGING STATION I-ON

*pag. 386*



## Joinon

ELECTRIC VEHICLE CHARGING SOCKET - TYPE2

*pag. 388*

# Joinon

## electric vehicle charging wallbox I-CON

I-CON wallbox is the JOINON solution for private and semi-public scenarios, in compliance with international standard IEC 61851-1.

It stands out for its elegant and compact design, "one-hand recharge" functionality, Dynamic Load Management (DLM), Back-light, and various installation possibilities: wall-mounting, flush-mounting or floor-mounting.



## I-CON CHARGING UNITS FOR ELECTRIC VEHICLES FOR PRIVATE AND/OR PUBLIC ACCESS MODE 3

### CHARGING ACTIVATION: AUTOSTART



GWJ3 011 A

#### I-CON WALLBOX - STAND-ALONE CHARGING STATION - IP55

IP  
55

IK  
10



| Code  | N. of sockets Type 2 | Charging power | Protection integrated              | Pack / Carton |
|---|----------------------|----------------|------------------------------------|---------------|
| <b>Type of Socket: Type 2 vandal-proof with shutter</b> |                      |                |                                    |               |
| GWJ3001A  | 1                    | 4,6 kW         | DC residual current protection 6mA | 1             |
| GWJ3002A  | 1                    | 7,4 kW         | DC residual current protection 6mA | 1             |
| GWJ3003A  | 1                    | 11 kW          | DC residual current protection 6mA | 1             |
| GWJ3004A  | 1                    | 22 kW          | DC residual current protection 6mA | 1             |
| <b>Type of Socket: Type 2 mobile with cable</b>         |                      |                |                                    |               |
| GWJ3011A  | 1                    | 4,6 kW         | DC residual current protection 6mA | 1             |
| GWJ3012A  | 1                    | 7,4 kW         | DC residual current protection 6mA | 1             |
| GWJ3013A  | 1                    | 11 kW          | DC residual current protection 6mA | 1             |
| GWJ3014A  | 1                    | 22 kW          | DC residual current protection 6mA | 1             |

**CHARACTERISTICS:** the use of AUTOSTART charging stations is open to anyone; charging sessions start automatically as soon as the electric vehicle is connected. The charging power can be adjusted using a 3-position side selector switch. The front panel is customisable on request. Floor mounting installation can be provided via specific codes GWJ8102 / GWJ8103.

**SUPPLIED ACCESSORIES:** LED status indicators. Specific versions with mobile connector, equipped with 5 meters flat cable and integrated holder, are available.

### CHARGING ACTIVATION: AUTOSTART DLM



GWJ3 101 A

#### I-CON WALLBOX - STAND-ALONE CHARGING STATION DLM + BLUETOOTH - IP55

IP  
55

IK  
10



| Code  | N. of sockets Type 2 | Charging power | Protection integrated              | Pack / Carton |
|---|----------------------|----------------|------------------------------------|---------------|
| <b>Type of Socket: Type 2 vandal-proof with shutter</b> |                      |                |                                    |               |
| GWJ3101A  | 1                    | 4,6 kW         | DC residual current protection 6mA | 1             |
| GWJ3102A  | 1                    | 7,4 kW         | DC residual current protection 6mA | 1             |
| GWJ3103A  | 1                    | 11 kW          | DC residual current protection 6mA | 1             |
| <b>Type of Socket: Type 2 mobile with cable</b>         |                      |                |                                    |               |
| GWJ3111A  | 1                    | 4,6 kW         | DC residual current protection 6mA | 1             |
| GWJ3112A  | 1                    | 7,4 kW         | DC residual current protection 6mA | 1             |

**CHARACTERISTICS:** the use of AUTOSTART charging stations is open to anyone; charging sessions start automatically as soon as the electric vehicle is connected. Bluetooth connection and App for configuration and local control are available, including charging power limitation and management of deferred charging sessions. «Dynamic Load Management» (DLM) is possible for dedicated products by connecting an external meter (codes GWD6812 for single phase and GWD6817 for three phases, sold separately) via MODBUS RS485. Flush-mounting installation is possible using dedicated code GWJ8101; floor mounting installation can be provided via specific GWJ8102 / GWJ8103 codes.

**SUPPLIED ACCESSORIES:** LED status indicator. Remote enabling via a NA dry contact. Specific versions with mobile connector, equipped with 5 meters flat cable and integrated holder, are available.



GWJ3 211 A

### I-CON PREMIUM WALL BOX - STAND-ALONE CHARGING STATION DLM + BLUETOOTH - IP55

IP  
55

IK  
10



| Code  | N. of sockets Type 2 | Charging power | Protection integrated              | Pack / Carton |
|---|----------------------|----------------|------------------------------------|---------------|
| <b>Type of Socket: Type 2 vandal-proof with shutter</b> |                      |                |                                    |               |
| GWJ3202A  | 1                    | 7,4 kW         | DC residual current protection 6mA | 1             |
| GWJ3203A  | 1                    | 11 kW          | DC residual current protection 6mA | 1             |

**CHARACTERISTICS:** the use of AUTOSTART charging stations is open to anyone; charging sessions start automatically as soon as the electric vehicle is connected. «Dynamic Load Management» (DLM) is possible for dedicated products by connecting an external meter (codes GWD6812 for single phase and GWD6817 for three phases, sold separately) via MODBUS RS485. Customizable front panel on request. Flush-mounting installation is possible using code GWJ8101; floor mounting installation available via specific codes GWJ8102 / GWJ8103.

**SUPPLIED ACCESSORIES:** LED status indicators. Remote enabling via a NA dry contact. Human interface through information display and slider touch to set up configuration parameters. Specific versions with mobile connector, equipped with 5 meters flat cable and integrated holder, are available.

## CHARGING ACTIVATION RFID



GWJ3 002 R

### I-CON WALL BOX - STAND-ALONE CHARGING STATION RFID - IP55

IP  
55

IK  
10



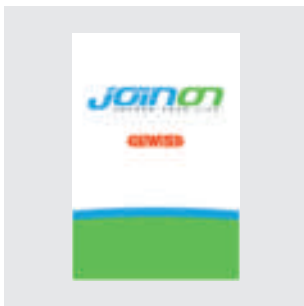
| Code  | N. of sockets Type 2 | Charging power | Protection integrated              | RFID | Energy meter | Pack / Carton |
|---|----------------------|----------------|------------------------------------|------|--------------|---------------|
| <b>Type of Socket: Type 2 vandal-proof with shutter</b> |                      |                |                                    |      |              |               |
| GWJ3002R  | 1                    | 7,4 kW         | DC residual current protection 6mA | Yes  | No           | 1             |
| GWJ3004R  | 1                    | 22 kW          | DC residual current protection 6mA | Yes  | No           | 1             |

**CHARACTERISTICS:** Charging stations made to allow RFID card authorization based charging sessions. Parameters settings can be modified via internal SD card, during installation. Flush-mounting installation is possible using code GWJ8101; floor mounting installation available via specific codes GWJ8102 / GWJ8103.

**SUPPLIED ACCESSORIES:** LED status indicator. 1 RFID MASTER card, 2 RFID USER cards.

Specific versions with mobile connector, equipped with 5 meters flat cable and integrated holder, are available.

## I-CON ACCESSORIES



GW J8 001

### RFID CARD

| Code    | Description                              | Suitable for                       | Pack / Carton |
|---------|--|------------------------------------|---------------|
| GWJ8001 | RFID card to enable the charging process | Wallbox I-CON EVO with RFID reader | 1             |



GW J8 101

### COMPLEMENTARY ITEM FOR FLUSH-MOUNTING INSTALLATION

| Code    | Description        | Suitable for  | Pack / Carton |
|---------|--------------------|---------------|---------------|
| GWJ8101 | Flush-mounting box | I-CON Wallbox | 1             |

**NOTES:** is not compatible with WALL BOX I-CON AUTOSTART (Type GWJ30xx A) and WALL BOX I-CON PREMIUM DLM with BACK-LIGHT (Type GWJ 33xx A).



GW J8 102

### COMPLEMENTARY ITEM FOR FLOOR-MOUNTING INSTALLATION

| Code    | Description                           | Suitable for  | Pack / Carton |
|---------|---------------------------------------|---------------|---------------|
| GWJ8102 | Floor-mounting support (single-sided) | I-CON Wallbox | 1             |
| GWJ8103 | Floor-mounting support (double-sided) | I-CON Wallbox | 1             |
| GWJ8104 | Protection cover                      | I-CON Wallbox | 1             |



GW D6 812

### LOAD MANAGEMENT

| Code    | Description                                     | Suitable for                          | Pack / Carton |
|---------|---|---------------------------------------|---------------|
| GWD6812 | Energy meter single phase for DLM in home field | I-CON Wallbox with DLM READY FUNCTION | 1/6           |
| GWD6817 | Energy meter three-phase for DLM in Home field  | I-CON Wallbox with DLM READY FUNCTION | 1/6           |

**NOTE:** Site Controller requires a DC 12-24V power supply and a network switch for wiring all EV charging stations through Ethernet cable. GWJ8032 modem is not necessary if the charging site is already equipped with internet connectivity.





Scan the QR Code and find out all the technical informations.

EASY CHARGING WITH ONE-HAND SYSTEM



I-CON is the first and only home wall box with a one-hand system. As it has no cover, the user can easily connect the charging connector with one hand.

SMART MANAGEMENT



Charging stations equipped with the DLM READY feature can independently and automatically adjust the power output for electric vehicle charging depending on the power available in the home.

BLUETOOTH APP



A configuration APP, designed primarily for the installer, quickly and intuitively starts up and manages the charging station

# Joinon

## electric vehicle charging station I-ON

I-ON (floor-mounting) and I-ON Wall (wall-mounting) charging stations are the JOINON solutions for public and semi-public scenarios, engineered to resist to impacts, vandalism and atmospheric agents: as a result, IP55 protection and IK10 robustness are guaranteed. The design takes care of urban context and to ergonomical eDriver side ease of use.



## I-ON CHARGING UNITS FOR ELECTRIC VEHICLES FOR PRIVATE AND/OR PUBLIC ACCESS MODE 3

### CHARGING ACTIVATION: AUTOSTART



GWJ1003 A

#### I-ON - FLOOR-MOUNTING CHARGING STATION STAND-ALONE - IP55

| Code     | N. of sockets Type 2 | Charging power | Protection integrated        | Power meter | RFID Reader | Pack / Carton |
|----------|----------------------|----------------|------------------------------|-------------|-------------|---------------|
| GWJ1002A | 2                    | 11 kW + 11 kW  | Magnetohermic + Diff. Type B | No          | No          | 1             |

**CHARACTERISTICS:** The use of the AUTOSTART station is free for anyone, charging starts automatically as soon as the electric vehicle is connected.  
**ACCESSORIES SUPPLIED:** N. 2 TFT Display high visibility, LED to monitor the status of the socket, frontal door completely personalized.

### CHARGING ACTIVATION: RFID



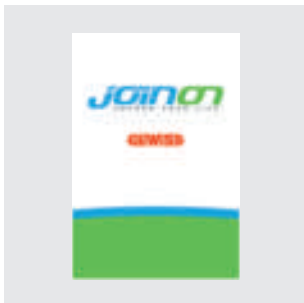
GWJ1003 R

#### I-ON - FLOOR-MOUNTING CHARGING STATION STAND-ALONE WITH AUTHORIZED ACCESS - IP55

| Code     | N. of sockets Type 2 | Charging power | Protection integrated        | Power meter    | RFID Reader | Pack / Carton |
|----------|----------------------|----------------|------------------------------|----------------|-------------|---------------|
| GWJ1003R | 2                    | 22 kW + 22 kW  | Magnetohermic + Diff. Type B | Yes (Type MID) | Yes         | 1             |

**CHARACTERISTICS:** charging stations that are ideal to ensure reserved access to your charging station through one or more RFID cards.  
**ACCESSORIES SUPPLIED:** 2 x high-visibility TFT Displays, LED to monitor socket status, fully customisable front panel, 1 RFID MASTER card to programme the personal RFID cards (2 supplied).  
**NOTE:** Each domestic type F socket is equipped with dedicated Magnetohermic protection (10A) and contactor.

### I-ON ACCESSORIES



GWJ8 001

#### RFID CARD

| Code    | Description                              | Suitable for                        | Pack / Carton |
|---------|--|-------------------------------------|---------------|
| GWJ8001 | RFID card to enable the charging process | I-ON and I-ON WALL with RFID reader | 1             |



Scan the QR Code and find out all the technical informations.

EASY CHARGING WITH ONE-HAND SYSTEM



Charging your electric vehicle is even faster and more convenient. With the one-hand charging, you can connect the charging socket with one hand, leaving the other free for unloading the vehicle (grocery bags, packages, luggage and more).

SMART CHARGING MANAGEMENT



Possibility to manage loads dynamically from one or more stations through the OCPP protocol (DYNAMIC LOAD MANAGEMENT) to ensure the best load distribution, avoiding spikes or overloads and optimising power system sizing costs.

DESIGN SUITABLE FOR EVERY NEED



The unique style, with an exclusive hexagonal shape, integrates perfectly into any parking configuration, including back-to-back (two units placed together, one behind the other) with considerable savings on installation costs. High-efficiency RGB LEDs, visible even from a distance and from any side of the charging station. The front of the charging units has an elegant design, suitable for all contexts. If required, the design can be customised to specific customer requirements.

# Joinon

## Range Electric vehicle charging components - Type2

Range of charging cables and socket Type2 for electric vehicles in compliance with international standard IEC 62196-1 e IEC 62196-2 and suitable for EV charging units as required by standard IEC 61851. The range includes, charging cable for electric vehicles, mobile connect Type2 with and without attached cable, and flushmounting Socket type2 equipped with security shutters (IPXXD protection), double drain system for water, vandal-proof mechanism and by a locking actuator that has the double aim to block gate-valves and to lock the plug during the charging session.



## TYPE 2 CHARGING CABLES FOR ELECTRIC VEHICLES

### FLAT CHARGING CABLES

**IP  
55**

**IK  
10**

**GWT  
650°C  
850°C**



GWJ5 815 BL

#### SINGLE PHASE

| Code      | I max (A) | Power max. | Voltage   | Frequency  | Cable length | Number of poles       | Pack / Carton |
|-----------|-----------|------------|-----------|------------|--------------|-----------------------|---------------|
| GWJ5815BL | 20 A      | 4,6 kW     | 230/250 V | 50 - 60 Hz | 5 m          | L1 - N - PE - CC - CP | 1             |
| GWJ5818BL | 20 A      | 4,6 kW     | 230/250 V | 50 - 60 Hz | 8 m          | L1 - N - PE - CC - CP | 1             |
| GWJ5815BY | 20 A      | 4,6 kW     | 230/250 V | 50 - 60 Hz | 5 m          | L1 - N - PE - CC - CP | 1/3           |
| GWJ5815CY | 32 A      | 7,4 kW     | 230/250 V | 50 - 60 Hz | 5 m          | L1 - N - PE - CC - CP | 1/3           |

NOTE: GWJ5815BY, GWJ5815CY the package includes a waterproof fabric cable bag made from recycled material.



GWJ5 835 AL

#### THREE PHASE

| Code      | I max (A) | Power max. | Voltage   | Frequency  | Cable length | Number of poles             | Pack / Carton |
|-----------|-----------|------------|-----------|------------|--------------|-----------------------------|---------------|
| GWJ5835AL | 16 A      | 11 kW      | 380/480 V | 50 - 60 Hz | 5 m          | L1/L2/L3 - N - PE - CC - CP | 1             |
| GWJ5838AL | 16 A      | 11 kW      | 380/480 V | 50 - 60 Hz | 8 m          | L1/L2/L3 - N - PE - CC - CP | 1             |
| GWJ5835CL | 32 A      | 22 kW      | 380/480 V | 50 - 60 Hz | 5 m          | L1/L2/L3 - N - PE - CC - CP | 1             |
| GWJ5838CL | 32 A      | 22 kW      | 380/480 V | 50 - 60 Hz | 8 m          | L1/L2/L3 - N - PE - CC - CP | 1             |
| GWJ5835AY | 16 A      | 11 kW      | 380/480 V | 50 - 60 Hz | 5 m          | L1/L2/L3 - N - PE - CC - CP | 1/3           |
| GWJ5835CY | 32 A      | 22 kW      | 380/480 V | 50 - 60 Hz | 5 m          | L1/L2/L3 - N - PE - CC - CP | 1/3           |

NOTE: GWJ5835BY, GWJ5835CY the package includes a waterproof fabric cable bag made from recycled material.

### SPIRAL CHARGING CABLES



GWJ5 814 CT

#### SPIRAL

| Code      | I max (A) | Power max. | Voltage   | Frequency  | Cable length | Number of poles             | Pack / Carton |
|-----------|-----------|------------|-----------|------------|--------------|-----------------------------|---------------|
| GWJ5834CT | 32 A      | 22 kW      | 380/480 V | 50 - 60 Hz | 4 m          | L1/L2/L3 - N - PE - CC - CP | 1             |



Scan the QR Code and find out all the technical informations.

EASY CHARGING WITH ONE-HAND SYSTEM



Vandal-proof socket with shutter and without cover, designed to facilitate the start of charging with the one-hand system

LED LIGHTING

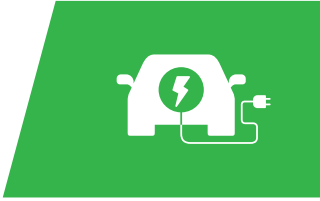


The socket is also available in versions with an INTERMITTENT LED lighting system, to facilitate cable insertion, or RGB LED, to highlight the socket status indicator.

THE FUTURE OF CHARGING IS GREEN



Socket and plug are made partially of Renycle®, a range of specialty technopolymers, obtained from recovered nylon, with much lower environmental impact than virgin material, calculated for each formulation through LCA. As a result, it is ideal for projects where sustainability is a key requirement.



# **ENERGY AND SERVICES DISTRIBUTION PEDESTALS**



## **68 Q-MC**

TERMINAL SYSTEM FOR ENERGY DISTRIBUTION  
AND SERVICE IN INSULATING MATERIAL

*pag. 392*

# 68 Q-MC

## Terminal system for energy distribution and service in insulating material

The 68 Q-MC range is an innovative energy and services distribution system made of thermoplastic, for environments such as tourist ports, campsites and public spaces (trade fairs, markets, gardens, etc.). It combines an attractive design with complete reliability over time, thanks to its resistance to chemical and atmospheric agents. The range includes both pre-wired and unwired versions, which can be configured as needed, and is available in light blue and white.



## COMPACT PEDESTAL IN INSULATED MATERIAL

### WIRED



FR 60 248

#### WIRED TERMINALS WITH DOUBLE-SIDED TAKE-OFF FOR CAMPSITE QMC 63 C EQUIPPED WITH NON-INTERLOCKED SOCKET-OUTLETS - IP55



IP  
44



| Code     | Socket-outlet 2P+E 16A | Pack / Carton |
|----------|------------------------|---------------|
| FR60248W | 4 (2 for side)         | 1             |

Colour: White

**PROTECTIONS:** 4 disjoncteurs magnétothermiques différentiels 2P 16A 0,03 A type AC.

**CARACTÉRISTIQUES:** dispositifs serre-fil en acier inox; coffret avec ouverture à charnière pouvant être équipé d'une serrure à clé. Section du bornier d'alimentation: 16 mm<sup>2</sup>. Pré-équipement pour lampe d'éclairage fluorescent 16W 230 V; pré-équipement pour 2 ou 4 robinets à bille 1/2" verrouillables. Dimensions de l'enveloppe: 445x1284x300 (LxHxP).

## COMPLEMENTARY ITEMS FOR COMPACT PEDESTALS

### SERVICE COMPLEMENTARY ITEMS



GW 68 990

#### LIGHTING KIT FOR COMPACT TERMINALS - LED TECHNOLOGY



| Code    | Lamp | System power | Colour temperature | Pack / Carton |
|---------|------|--------------|--------------------|---------------|
| GW68990 | LED  | 8.7 W        | 4000 K             | 1             |

Voltage: 220-240 V - 50/60 Hz

**CHARACTERISTICS:** the lighting KIT with LED technology enables electricity savings of up to 66%.

**NOTES:** due to the continuous changes with the LED technologies, the technical data can undertake variations.





## 68 Q-MC



Scan the QR Code and find out all the technical informations.

### A WORLD OF APPLICATIONS



The 68 Q-MC series of distribution terminals are available in both thermoplastic and stainless steel versions, energy distribution solutions in ports, campsites, parking areas, parks and gardens.

### SIMPLE AND INTELLIGENT MANAGEMENT



The electronically managed terminals allow real-time recording and monitoring of consumption. The user interface display and credit management transponder key reader are housed in the head.

# Effective Packaging for Optimal Distribution and Protection

Different types of packaging ensure optimal handling in distribution facilities. Each package provides necessary information for correct use and identification, with important features graphically highlighted. The EAN 13 barcode facilitates stock management. Packaging types include carton, blister, and shrink film.

**Carton** : Durable and versatile, ideal for transport and storage. Offers large printing surfaces for information, ensuring easy identification and handling.

**Shrink film** : Suitable for small and medium-sized products. Uses enveloping plastic film to hermetically seal contents, preserving integrity and safety. Transparent material allows product visualisation, with printed information for clear communication.

**Blister** : Ideal for grouping multiple units in one compact package. Shrinks and adheres tightly when heated, protecting against dust and moisture. Useful for shop displays, allowing visibility and simplified handling. Each packaging type meets specific protection, visibility, and handling needs, ensuring products reach consumers in optimal condition.



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Outer Box



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Inner Box



---

Blister



---

Bag



---

Heat shrink film





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# Quick Reference

# Quick Reference

| Code         | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|--------------|----------|---------------|------------------|-----------------|------|
| <b>DX 10</b> |          |               |                  |                 |      |
| DX10016R     | 100      | 8034035467646 | Heat shrink film | m               | 100  |
| DX10016R10   | 1        | 8034035467547 | Heat shrink film | Pcs             | 100  |
| DX10016R25   | 1        | 8034035467721 | Heat shrink film | Pcs             | 100  |
| DX10016R50   | 1        | 8034035467523 | Heat shrink film | Pcs             | 100  |
| DX10020R     | 100      | 8034035467783 | Heat shrink film | m               | 100  |
| DX10020R10   | 1        | 8034035467769 | Heat shrink film | Pcs             | 100  |
| DX10020R25   | 1        | 8034035467561 | Heat shrink film | Pcs             | 100  |
| DX10020R50   | 1        | 8034035467707 | Heat shrink film | Pcs             | 100  |
| DX10025R     | 75       | 8034035467806 | Heat shrink film | m               | 100  |
| DX10025R10   | 1        | 8034035467745 | Heat shrink film | Pcs             | 100  |
| DX10025R25   | 1        | 8034035468117 | Heat shrink film | Pcs             | 100  |
| DX10025R50   | 1        | 8034035468278 | Heat shrink film | Pcs             | 100  |
| DX10032R     | 50       | 8034035467509 | Heat shrink film | m               | 100  |
| DX10032R10   | 1        | 8034035467684 | Heat shrink film | Pcs             | 100  |
| DX10032R25   | 1        | 8034035468292 | Heat shrink film | Pcs             | 100  |
| DX10040R     | 25       | 8034035467585 | Heat shrink film | m               | 100  |
| DX10050R     | 25       | 8034035467622 | Heat shrink film | m               | 100  |
| DX10116R     | 100      | 8034035467660 | Heat shrink film | m               | 100  |
| DX10120R     | 100      | 8034035467820 | Heat shrink film | m               | 100  |
| DX10125R     | 75       | 8034035467844 | Heat shrink film | m               | 100  |
| DX10132R     | 50       | 8034035468094 | Heat shrink film | m               | 100  |
| DX10140R     | 25       | 8034035467608 | Heat shrink film | m               | 100  |
| DX10150R     | 25       | 8034035468254 | Heat shrink film | m               | 100  |

| <b>DX 15</b> |     |               |                  |     |     |
|--------------|-----|---------------|------------------|-----|-----|
| DX15016R     | 100 | 8034035440557 | Heat shrink film | m   | 101 |
| DX15016R10   | 1   | 8034035435140 | Heat shrink film | Pcs | 101 |
| DX15016R25   | 1   | 8034035435157 | Heat shrink film | Pcs | 101 |
| DX15016R50   | 1   | 8034035435164 | Heat shrink film | Pcs | 101 |
| DX15020R     | 100 | 8034035440564 | Heat shrink film | m   | 101 |
| DX15020R10   | 1   | 8034035435171 | Heat shrink film | Pcs | 101 |
| DX15020R25   | 1   | 8034035435188 | Heat shrink film | Pcs | 101 |
| DX15020R50   | 1   | 8034035435195 | Heat shrink film | Pcs | 101 |
| DX15025R     | 75  | 8034035440571 | Heat shrink film | m   | 101 |
| DX15025R10   | 1   | 8034035435201 | Heat shrink film | Pcs | 101 |
| DX15025R25   | 1   | 8034035435218 | Heat shrink film | Pcs | 101 |
| DX15032R     | 50  | 8034035440588 | Heat shrink film | m   | 101 |
| DX15032R10   | 1   | 8034035435263 | Heat shrink film | Pcs | 101 |
| DX15040R     | 25  | 8034035440595 | Heat shrink film | m   | 101 |
| DX15050R     | 25  | 8034035440601 | Heat shrink film | m   | 101 |
| DX15063R     | 20  | 8034035440618 | Heat shrink film | m   | 101 |
| DX15116R     | 100 | 8034035440625 | Heat shrink film | m   | 101 |
| DX15120R     | 100 | 8034035440632 | Heat shrink film | m   | 101 |
| DX15125R     | 75  | 8034035440649 | Heat shrink film | m   | 101 |
| DX15132R     | 50  | 8034035440656 | Heat shrink film | m   | 101 |
| DX15140R     | 25  | 8034035440663 | Heat shrink film | m   | 101 |
| DX15150R     | 25  | 8034035440670 | Heat shrink film | m   | 101 |
| DX15163R     | 20  | 8034035440687 | Heat shrink film | m   | 101 |
| DX15216R     | 100 | 8034035440793 | Heat shrink film | m   | 102 |
| DX15220R     | 100 | 8034035440809 | Heat shrink film | m   | 102 |
| DX15225R     | 75  | 8034035440816 | Heat shrink film | m   | 102 |
| DX15225R25   | 1   | 8034035435225 | Heat shrink film | Pcs | 102 |
| DX15232R     | 50  | 8034035440823 | Heat shrink film | m   | 102 |
| DX15240R     | 25  | 8034035440830 | Heat shrink film | m   | 102 |
| DX15250R     | 25  | 8034035440847 | Heat shrink film | m   | 102 |
| DX15316R     | 100 | 8034035440854 | Heat shrink film | m   | 102 |
| DX15320R     | 100 | 8034035440861 | Heat shrink film | m   | 102 |
| DX15325R     | 75  | 8034035440878 | Heat shrink film | m   | 102 |
| DX15332R     | 50  | 8034035440885 | Heat shrink film | m   | 102 |
| DX15416R     | 100 | 8034035440892 | Heat shrink film | m   | 102 |
| DX15420R     | 100 | 8034035440908 | Heat shrink film | m   | 102 |
| DX15425R     | 75  | 8034035440915 | Heat shrink film | m   | 102 |
| DX15425R25   | 1   | 8034035435232 | Heat shrink film | Pcs | 102 |
| DX15432R     | 50  | 8034035440922 | Heat shrink film | m   | 102 |

| Code       | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|------------|----------|---------------|------------------|-----------------|------|
| DX15440R   | 25       | 8034035440939 | Heat shrink film | m               | 102  |
| DX15450R   | 25       | 8034035440946 | Heat shrink film | m               | 102  |
| DX15516R   | 100      | 8034035440953 | Heat shrink film | m               | 102  |
| DX15520R   | 100      | 8034035440960 | Heat shrink film | m               | 102  |
| DX15525R   | 75       | 8034035440977 | Heat shrink film | m               | 102  |
| DX15532R   | 50       | 8034035440984 | Heat shrink film | m               | 102  |
| DX15616R   | 100      | 8034035440991 | Heat shrink film | m               | 102  |
| DX15620R   | 100      | 8034035441004 | Heat shrink film | m               | 102  |
| DX15625R   | 75       | 8034035441011 | Heat shrink film | m               | 102  |
| DX15625R25 | 1        | 8034035435249 | Heat shrink film | Pcs             | 102  |
| DX15632R   | 50       | 8034035441028 | Heat shrink film | m               | 102  |
| DX15640R   | 25       | 8034035441035 | Heat shrink film | m               | 102  |
| DX15650R   | 25       | 8034035441042 | Heat shrink film | m               | 102  |
| DX15716R   | 100      | 8034035441059 | Heat shrink film | m               | 102  |
| DX15720R   | 100      | 8034035441066 | Heat shrink film | m               | 102  |
| DX15725R   | 75       | 8034035441073 | Heat shrink film | m               | 102  |
| DX15732R   | 50       | 8034035441080 | Heat shrink film | m               | 102  |
| DX15816R   | 100      | 8034035441097 | Heat shrink film | m               | 103  |
| DX15820R   | 100      | 8034035441103 | Heat shrink film | m               | 103  |
| DX15825R   | 75       | 8034035441110 | Heat shrink film | m               | 103  |
| DX15825R25 | 1        | 8034035435256 | Heat shrink film | Pcs             | 103  |
| DX15832R   | 50       | 8034035441127 | Heat shrink film | m               | 103  |
| DX15840R   | 25       | 8034035441134 | Heat shrink film | m               | 103  |
| DX15850R   | 25       | 8034035441141 | Heat shrink film | m               | 103  |
| DX15916R   | 100      | 8034035441158 | Heat shrink film | m               | 103  |
| DX15920R   | 100      | 8034035441165 | Heat shrink film | m               | 103  |
| DX15925R   | 75       | 8034035441172 | Heat shrink film | m               | 103  |
| DX15932R   | 50       | 8034035441189 | Heat shrink film | m               | 103  |

| <b>DX 16</b> |     |               |                  |   |     |
|--------------|-----|---------------|------------------|---|-----|
| DX16216R     | 100 | 8034035440694 | Heat shrink film | m | 101 |
| DX16220R     | 100 | 8034035440700 | Heat shrink film | m | 101 |
| DX16225R     | 75  | 8034035440717 | Heat shrink film | m | 101 |
| DX16232R     | 50  | 8034035440724 | Heat shrink film | m | 101 |
| DX16240R     | 25  | 8034035440731 | Heat shrink film | m | 101 |
| DX16250R     | 25  | 8034035440748 | Heat shrink film | m | 101 |
| DX16316R     | 100 | 8034035440755 | Heat shrink film | m | 101 |
| DX16320R     | 100 | 8034035440762 | Heat shrink film | m | 101 |
| DX16325R     | 75  | 8034035440779 | Heat shrink film | m | 101 |
| DX16332R     | 50  | 8034035440786 | Heat shrink film | m | 101 |

| <b>DX 20</b> |     |               |                  |   |     |
|--------------|-----|---------------|------------------|---|-----|
| DX20016R     | 100 | 8034035441196 | Heat shrink film | m | 104 |
| DX20020R     | 100 | 8034035441202 | Heat shrink film | m | 104 |
| DX20025R     | 75  | 8034035441219 | Heat shrink film | m | 104 |
| DX20032R     | 50  | 8034035441226 | Heat shrink film | m | 104 |
| DX20040R     | 25  | 8034035441233 | Heat shrink film | m | 104 |
| DX20050R     | 25  | 8034035441240 | Heat shrink film | m | 104 |
| DX20063R     | 20  | 8034035441257 | Heat shrink film | m | 104 |
| DX20116R     | 100 | 8034035441264 | Heat shrink film | m | 104 |
| DX20120R     | 100 | 8034035441271 | Heat shrink film | m | 104 |
| DX20125R     | 75  | 8034035441288 | Heat shrink film | m | 104 |
| DX20132R     | 50  | 8034035441295 | Heat shrink film | m | 104 |
| DX20140R     | 25  | 8034035441301 | Heat shrink film | m | 104 |
| DX20150R     | 25  | 8034035441318 | Heat shrink film | m | 104 |
| DX20163R     | 20  | 8034035441325 | Heat shrink film | m | 104 |
| DX20416R     | 100 | 8034035441332 | Heat shrink film | m | 105 |
| DX20420R     | 100 | 8034035441349 | Heat shrink film | m | 105 |
| DX20425R     | 75  | 8034035441356 | Heat shrink film | m | 105 |
| DX20432R     | 50  | 8034035441363 | Heat shrink film | m | 105 |
| DX20440R     | 25  | 8034035441370 | Heat shrink film | m | 105 |
| DX20450R     | 25  | 8034035441387 | Heat shrink film | m | 105 |
| DX20463R     | 20  | 8034035441394 | Heat shrink film | m | 105 |
| DX20516R     | 100 | 8034035441400 | Heat shrink film | m | 105 |
| DX20520R     | 100 | 8034035441417 | Heat shrink film | m | 105 |
| DX20525R     | 75  | 8034035441424 | Heat shrink film | m | 105 |

| Code     | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|----------|----------|---------------|------------------|-----------------|------|
| DX20532R | 50       | 8034035441431 | Heat shrink film | m               | 105  |
| DX20540R | 25       | 8034035441448 | Heat shrink film | m               | 105  |
| DX20550R | 25       | 8034035441455 | Heat shrink film | m               | 105  |
| DX20563R | 20       | 8034035441462 | Heat shrink film | m               | 105  |

#### DX 23

|          |     |               |                  |   |     |
|----------|-----|---------------|------------------|---|-----|
| DX23216R | 100 | 8034035441752 | Heat shrink film | m | 106 |
| DX23220R | 100 | 8034035441769 | Heat shrink film | m | 106 |
| DX23225R | 75  | 8034035441776 | Heat shrink film | m | 106 |
| DX23232R | 50  | 8034035441783 | Heat shrink film | m | 106 |
| DX23240R | 25  | 8034035441790 | Heat shrink film | m | 106 |
| DX23250R | 25  | 8034035441806 | Heat shrink film | m | 106 |
| DX23263R | 20  | 8034035441813 | Heat shrink film | m | 106 |
| DX23316R | 100 | 8034035441820 | Heat shrink film | m | 106 |
| DX23320R | 100 | 8034035441837 | Heat shrink film | m | 106 |
| DX23325R | 75  | 8034035441844 | Heat shrink film | m | 106 |
| DX23332R | 50  | 8034035441851 | Heat shrink film | m | 106 |
| DX23340R | 25  | 8034035441868 | Heat shrink film | m | 106 |
| DX23350R | 25  | 8034035441875 | Heat shrink film | m | 106 |
| DX23363R | 20  | 8034035441882 | Heat shrink film | m | 106 |

#### DX 25

|         |   |               |          |   |    |
|---------|---|---------------|----------|---|----|
| DX25216 | 2 | 8011564950481 | Unpacked | m | 93 |
| DX25220 | 2 | 8011564950498 | Unpacked | m | 93 |
| DX25225 | 2 | 8011564950504 | Unpacked | m | 93 |
| DX25232 | 2 | 8011564950511 | Unpacked | m | 93 |
| DX25316 | 3 | 8011564948013 | Unpacked | m | 93 |
| DX25320 | 3 | 8011564948006 | Unpacked | m | 93 |
| DX25325 | 3 | 8011564948020 | Unpacked | m | 93 |
| DX25332 | 3 | 8011564950528 | Unpacked | m | 93 |
| DX25340 | 3 | 8011564950535 | Unpacked | m | 93 |
| DX25350 | 3 | 8011564950542 | Unpacked | m | 93 |
| DX25363 | 3 | 8011564950559 | Unpacked | m | 93 |

#### DX 26

|         |   |               |          |   |    |
|---------|---|---------------|----------|---|----|
| DX26216 | 2 | 8011564598737 | Unpacked | m | 93 |
| DX26220 | 2 | 8011564598744 | Unpacked | m | 93 |
| DX26225 | 2 | 8011564598751 | Unpacked | m | 93 |
| DX26232 | 2 | 8011564598768 | Unpacked | m | 93 |
| DX26240 | 2 | 8011564598775 | Unpacked | m | 93 |
| DX26250 | 2 | 8011564598782 | Unpacked | m | 93 |
| DX26263 | 2 | 8011564598799 | Unpacked | m | 93 |
| DX26316 | 3 | 8011564968707 | Unpacked | m | 94 |
| DX26320 | 3 | 8011564968769 | Unpacked | m | 94 |
| DX26325 | 3 | 8011564968738 | Unpacked | m | 94 |
| DX26332 | 3 | 8011564968790 | Unpacked | m | 94 |

#### DX 27

|         |   |               |          |   |    |
|---------|---|---------------|----------|---|----|
| DX27616 | 2 | 8011564950375 | Unpacked | m | 92 |
| DX27620 | 2 | 8011564950382 | Unpacked | m | 92 |
| DX27625 | 2 | 8011564950399 | Unpacked | m | 92 |
| DX27632 | 2 | 8011564950405 | Unpacked | m | 92 |
| DX27640 | 2 | 8011564950689 | Unpacked | m | 92 |
| DX27650 | 2 | 8034035440205 | Unpacked | m | 92 |
| DX27716 | 3 | 8011564950412 | Unpacked | m | 92 |
| DX27720 | 3 | 8011564950429 | Unpacked | m | 92 |
| DX27725 | 3 | 8011564950436 | Unpacked | m | 92 |
| DX27732 | 3 | 8011564950443 | Unpacked | m | 92 |
| DX27750 | 3 | 8011564950467 | Unpacked | m | 92 |

#### DX 30

|         |    |               |                  |   |     |
|---------|----|---------------|------------------|---|-----|
| DX30010 | 30 | 8018678026446 | Heat shrink film | m | 108 |
| DX30012 | 30 | 8018678026507 | Heat shrink film | m | 108 |
| DX30016 | 30 | 8018678026620 | Heat shrink film | m | 108 |
| DX30020 | 30 | 8018678026682 | Heat shrink film | m | 108 |
| DX30022 | 30 | 8018678026743 | Heat shrink film | m | 108 |
| DX30025 | 30 | 8018678026804 | Heat shrink film | m | 108 |

| Code    | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|---------|----------|---------------|------------------|-----------------|------|
| DX30028 | 30       | 8018678026866 | Heat shrink film | m               | 108  |
| DX30032 | 30       | 8018678026927 | Heat shrink film | m               | 108  |
| DX30035 | 30       | 8018678026989 | Heat shrink film | m               | 108  |
| DX30040 | 30       | 8018678027047 | Heat shrink film | m               | 108  |
| DX30050 | 30       | 8018678027108 | Heat shrink film | m               | 108  |
| DX30060 | 30       | 8018678027160 | Heat shrink film | m               | 108  |
| DX30108 | 30       | 8018678026408 | Heat shrink film | m               | 108  |
| DX30110 | 30       | 8018678026460 | Heat shrink film | m               | 108  |
| DX30112 | 30       | 8018678026521 | Heat shrink film | m               | 108  |
| DX30114 | 30       | 8018678026583 | Heat shrink film | m               | 108  |
| DX30116 | 30       | 8018678026644 | Heat shrink film | m               | 108  |
| DX30120 | 30       | 8018678026705 | Heat shrink film | m               | 108  |
| DX30122 | 30       | 8018678026767 | Heat shrink film | m               | 108  |
| DX30125 | 30       | 8018678026828 | Heat shrink film | m               | 108  |
| DX30128 | 30       | 8018678026880 | Heat shrink film | m               | 108  |
| DX30132 | 30       | 8018678026941 | Heat shrink film | m               | 108  |
| DX30135 | 30       | 8018678027009 | Heat shrink film | m               | 108  |
| DX30140 | 30       | 8018678027061 | Heat shrink film | m               | 108  |
| DX30150 | 30       | 8018678027122 | Heat shrink film | m               | 108  |
| DX30160 | 30       | 8018678027184 | Heat shrink film | m               | 108  |

#### DX 40

|           |    |               |                  |     |    |
|-----------|----|---------------|------------------|-----|----|
| DX40016DY | 1  | 8034035085963 | Heat shrink film | Pcs | 94 |
| DX40020DY | 1  | 8034035085970 | Heat shrink film | Pcs | 94 |
| DX40025DY | 1  | 8034035085987 | Heat shrink film | Pcs | 94 |
| DX40032DY | 1  | 8034035085994 | Heat shrink film | Pcs | 94 |
| DX40040DY | 1  | 8034035086403 | Heat shrink film | Pcs | 94 |
| DX40116DY | 1  | 8034035086410 | Heat shrink film | Pcs | 94 |
| DX40120DY | 1  | 8034035086427 | Heat shrink film | Pcs | 94 |
| DX40125DY | 1  | 8034035086434 | Heat shrink film | Pcs | 94 |
| DX40132DY | 1  | 8034035086441 | Heat shrink film | Pcs | 94 |
| DX40140DY | 1  | 8034035086458 | Bag              | Pcs | 94 |
| DX40150   | 1  | 8018678009029 | Unpacked         | Pcs | 94 |
| DX40163   | 1  | 8018678029218 | Unpacked         | Pcs | 94 |
| DX40216DY | 1  | 8034035136863 | Heat shrink film | Pcs | 94 |
| DX40220DY | 1  | 8034035136870 | Heat shrink film | Pcs | 94 |
| DX40225DY | 1  | 8034035136887 | Heat shrink film | Pcs | 94 |
| DX40232   | 10 | 8011564926905 | Bag              | Pcs | 94 |
| DX40316DY | 1  | 8034035136894 | Heat shrink film | Pcs | 95 |
| DX40320DY | 1  | 8034035137105 | Heat shrink film | Pcs | 95 |
| DX40325DY | 1  | 8034035137112 | Heat shrink film | Pcs | 95 |
| DX40332   | 10 | 8018678018830 | Bag              | Pcs | 95 |

#### DX 43

|           |    |               |                  |     |     |
|-----------|----|---------------|------------------|-----|-----|
| DX43216   | 10 | 8018678037510 | Bag              | Pcs | 95  |
| DX43216DY | 1  | 8034035077746 | Heat shrink film | Pcs | 95  |
| DX43220   | 10 | 8018678037527 | Bag              | Pcs | 95  |
| DX43220DY | 1  | 8034035077753 | Heat shrink film | Pcs | 95  |
| DX43225   | 5  | 8018678037534 | Bag              | Pcs | 95  |
| DX43232   | 5  | 8018678037541 | Bag              | Pcs | 95  |
| DX43240   | 5  | 8018678037558 | Bag              | Pcs | 95  |
| DX43250   | 5  | 8018678037565 | Bag              | Pcs | 95  |
| DX43316   | 10 | 8018678037572 | Bag              | Pcs | 112 |
| DX43320   | 10 | 8018678037589 | Bag              | Pcs | 112 |
| DX43325   | 5  | 8018678037596 | Bag              | Pcs | 112 |
| DX43332   | 5  | 8018678037602 | Bag              | Pcs | 112 |
| DX43340   | 5  | 8018678037619 | Bag              | Pcs | 112 |
| DX43350   | 5  | 8018678037626 | Bag              | Pcs | 112 |
| DX43416   | 10 | 8018678037633 | Bag              | Pcs | 112 |
| DX43416DY | 1  | 8034035077760 | Heat shrink film | Pcs | 95  |
| DX43416DY | 1  | 8034035077760 | Heat shrink film | Pcs | 112 |
| DX43420   | 10 | 8018678037640 | Bag              | Pcs | 112 |
| DX43420DY | 1  | 8034035077807 | Heat shrink film | Pcs | 95  |
| DX43420DY | 1  | 8034035077807 | Heat shrink film | Pcs | 112 |
| DX43425   | 5  | 8011564498211 | Bag              | Pcs | 112 |
| DX43432   | 5  | 8011564499416 | Bag              | Pcs | 112 |

# Quick Reference

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| DX43440   | 5        | 8018678037671 | Bag              | Pcs             | 112  |
| DX43516DY | 1        | 8034035086465 | Heat shrink film | Pcs             | 95   |
| DX43520DY | 1        | 8034035086472 | Bag              | Pcs             | 95   |
| DX43525DY | 1        | 8034035086496 | Bag              | Pcs             | 95   |
| DX43532DY | 1        | 8034035086502 | Bag              | Pcs             | 95   |
| DX43540DY | 1        | 8034035086519 | Bag              | Pcs             | 95   |

## DX 45

|           |   |               |                  |     |    |
|-----------|---|---------------|------------------|-----|----|
| DX45003DY | 1 | 8034035080395 | Heat shrink film | Pcs | 97 |
| DX45004DY | 1 | 8034035080401 | Heat shrink film | Pcs | 97 |
| DX45007   | 5 | 8018678037947 | Bag              | Pcs | 97 |
| DX45010   | 1 | 8018678038012 | Unpacked         | Pcs | 97 |

## DX 47

|           |    |               |                  |     |    |
|-----------|----|---------------|------------------|-----|----|
| DX47000DY | 1  | 8034035080418 | Heat shrink film | Pcs | 98 |
| DX47212DY | 1  | 8034035080425 | Heat shrink film | Pcs | 98 |
| DX47216DY | 1  | 8034035080432 | Heat shrink film | Pcs | 98 |
| DX47220   | 10 | 8018678028563 | Bag              | Pcs | 98 |
| DX47503   | 10 | 8018678028686 | Bag              | Pcs | 98 |
| DX47506DY | 1  | 8034035080449 | Heat shrink film | Pcs | 98 |
| DX47509DY | 1  | 8034035080456 | Heat shrink film | Pcs | 98 |
| DX47616DY | 1  | 8034035080463 | Heat shrink film | Pcs | 98 |
| DX47620DY | 1  | 8034035080470 | Heat shrink film | Pcs | 98 |
| DX47625DY | 1  | 8034035080487 | Heat shrink film | Pcs | 98 |

## DX 54

|         |    |               |          |     |     |
|---------|----|---------------|----------|-----|-----|
| DX54008 | 20 | 8018678027221 | Bag      | Pcs | 109 |
| DX54010 | 20 | 8018678027283 | Bag      | Pcs | 109 |
| DX54012 | 10 | 8018678027344 | Bag      | Pcs | 109 |
| DX54016 | 10 | 8018678027405 | Bag      | Pcs | 109 |
| DX54020 | 10 | 8018678027467 | Bag      | Pcs | 109 |
| DX54022 | 10 | 8018678027528 | Bag      | Pcs | 109 |
| DX54025 | 5  | 8018678027580 | Bag      | Pcs | 109 |
| DX54028 | 5  | 8018678027641 | Bag      | Pcs | 109 |
| DX54032 | 5  | 8018678027702 | Bag      | Pcs | 109 |
| DX54040 | 1  | 8018678002129 | Unpacked | Pcs | 109 |
| DX54050 | 1  | 8018678039019 | Unpacked | Pcs | 109 |
| DX54108 | 20 | 8018678027252 | Bag      | Pcs | 109 |
| DX54110 | 20 | 8018678027313 | Bag      | Pcs | 109 |
| DX54112 | 10 | 8018678027375 | Bag      | Pcs | 109 |
| DX54116 | 10 | 8018678027436 | Bag      | Pcs | 109 |
| DX54120 | 10 | 8018678027498 | Bag      | Pcs | 109 |
| DX54122 | 10 | 8018678027559 | Bag      | Pcs | 109 |
| DX54125 | 5  | 8018678027610 | Bag      | Pcs | 109 |
| DX54128 | 5  | 8018678027672 | Bag      | Pcs | 109 |
| DX54132 | 5  | 8018678027733 | Bag      | Pcs | 109 |
| DX54140 | 1  | 8018678002358 | Unpacked | Pcs | 109 |
| DX54150 | 1  | 8018678039026 | Unpacked | Pcs | 109 |
| DX54208 | 20 | 8018678024862 | Bag      | Pcs | 109 |
| DX54210 | 20 | 8018678024923 | Bag      | Pcs | 109 |
| DX54212 | 10 | 8018678024985 | Bag      | Pcs | 109 |
| DX54214 | 10 | 8018678025043 | Bag      | Pcs | 109 |
| DX54216 | 10 | 8018678025104 | Bag      | Pcs | 109 |
| DX54220 | 10 | 8018678025166 | Bag      | Pcs | 109 |
| DX54222 | 10 | 8018678025227 | Bag      | Pcs | 109 |
| DX54225 | 5  | 8018678025289 | Bag      | Pcs | 109 |
| DX54228 | 5  | 8018678025340 | Bag      | Pcs | 109 |
| DX54232 | 5  | 8018678025401 | Bag      | Pcs | 109 |
| DX54235 | 5  | 8018678025463 | Bag      | Pcs | 109 |
| DX54240 | 1  | 8018678002242 | Unpacked | Pcs | 109 |
| DX54250 | 1  | 8018678002297 | Unpacked | Pcs | 109 |
| DX54308 | 20 | 8018678024893 | Bag      | Pcs | 109 |
| DX54310 | 20 | 8018678024954 | Bag      | Pcs | 109 |
| DX54312 | 10 | 8018678025012 | Bag      | Pcs | 109 |
| DX54314 | 10 | 8018678025074 | Bag      | Pcs | 109 |
| DX54316 | 10 | 8018678025135 | Bag      | Pcs | 109 |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| DX54320 | 10       | 8018678025197 | Bag            | Pcs             | 109  |
| DX54322 | 10       | 8018678025258 | Bag            | Pcs             | 109  |
| DX54325 | 5        | 8018678025319 | Bag            | Pcs             | 109  |
| DX54328 | 5        | 8018678025371 | Bag            | Pcs             | 109  |
| DX54332 | 5        | 8018678025432 | Bag            | Pcs             | 109  |
| DX54335 | 5        | 8018678025494 | Bag            | Pcs             | 109  |
| DX54340 | 1        | 8018678002471 | Unpacked       | Pcs             | 109  |
| DX54350 | 1        | 8018678002488 | Unpacked       | Pcs             | 109  |
| DX54408 | 20       | 8018678025609 | Bag            | Pcs             | 110  |
| DX54410 | 20       | 8018678025661 | Bag            | Pcs             | 110  |
| DX54411 | 20       | 8018678025722 | Bag            | Pcs             | 110  |
| DX54412 | 10       | 8018678025784 | Bag            | Pcs             | 110  |
| DX54413 | 10       | 8018678025845 | Bag            | Pcs             | 110  |
| DX54414 | 10       | 8018678025906 | Bag            | Pcs             | 110  |
| DX54416 | 10       | 8018678025968 | Bag            | Pcs             | 110  |
| DX54417 | 10       | 8018678026026 | Bag            | Pcs             | 110  |
| DX54420 | 10       | 8018678026088 | Bag            | Pcs             | 110  |
| DX54422 | 10       | 8018678026149 | Bag            | Pcs             | 110  |
| DX54425 | 5        | 8018678026200 | Bag            | Pcs             | 110  |
| DX54428 | 5        | 8018678026262 | Bag            | Pcs             | 110  |
| DX54432 | 5        | 8018678026323 | Bag            | Pcs             | 110  |
| DX54435 | 5        | 8018678026354 | Bag            | Pcs             | 110  |
| DX54508 | 20       | 8018678025630 | Bag            | Pcs             | 110  |
| DX54510 | 20       | 8018678025692 | Bag            | Pcs             | 110  |
| DX54511 | 20       | 8018678025753 | Bag            | Pcs             | 110  |
| DX54512 | 10       | 8018678025814 | Bag            | Pcs             | 110  |
| DX54513 | 10       | 8018678025876 | Bag            | Pcs             | 110  |
| DX54514 | 10       | 8018678025937 | Bag            | Pcs             | 110  |
| DX54516 | 10       | 8018678025999 | Bag            | Pcs             | 110  |
| DX54517 | 10       | 8018678026057 | Bag            | Pcs             | 110  |
| DX54520 | 10       | 8018678026118 | Bag            | Pcs             | 110  |
| DX54522 | 10       | 8018678026170 | Bag            | Pcs             | 110  |
| DX54525 | 5        | 8018678026231 | Bag            | Pcs             | 110  |
| DX54528 | 5        | 8018678026293 | Bag            | Pcs             | 110  |
| DX54532 | 5        | 8018678029560 | Bag            | Pcs             | 110  |
| DX54535 | 5        | 8018678029591 | Bag            | Pcs             | 110  |

## DX 56

|         |    |               |          |     |     |
|---------|----|---------------|----------|-----|-----|
| DX56008 | 20 | 8018678024305 | Bag      | Pcs | 111 |
| DX56010 | 10 | 8018678024367 | Bag      | Pcs | 111 |
| DX56012 | 10 | 8018678024428 | Bag      | Pcs | 111 |
| DX56014 | 10 | 8018678024480 | Bag      | Pcs | 111 |
| DX56016 | 10 | 8018678024541 | Bag      | Pcs | 111 |
| DX56022 | 10 | 8018678024602 | Bag      | Pcs | 111 |
| DX56025 | 10 | 8018678024664 | Bag      | Pcs | 111 |
| DX56028 | 10 | 8018678024725 | Bag      | Pcs | 111 |
| DX56040 | 1  | 8018678003812 | Unpacked | Pcs | 111 |
| DX56050 | 1  | 8018678003829 | Unpacked | Pcs | 111 |
| DX56208 | 20 | 8018678021045 | Bag      | Pcs | 111 |
| DX56210 | 10 | 8018678021076 | Bag      | Pcs | 111 |
| DX56212 | 10 | 8018678021106 | Bag      | Pcs | 111 |
| DX56214 | 10 | 8018678021137 | Bag      | Pcs | 111 |
| DX56216 | 10 | 8018678021168 | Bag      | Pcs | 111 |
| DX56222 | 10 | 8018678021199 | Bag      | Pcs | 111 |
| DX56225 | 10 | 8018678021229 | Bag      | Pcs | 111 |
| DX56228 | 10 | 8018678021250 | Bag      | Pcs | 111 |
| DX56232 | 3  | 8018678021281 | Bag      | Pcs | 111 |
| DX56235 | 3  | 8018678021311 | Bag      | Pcs | 111 |
| DX56240 | 1  | 8018678003256 | Unpacked | Pcs | 111 |
| DX56250 | 1  | 8018678003263 | Unpacked | Pcs | 111 |
| DX56408 | 20 | 8018678023384 | Bag      | Pcs | 111 |
| DX56410 | 10 | 8018678023445 | Bag      | Pcs | 111 |
| DX56411 | 10 | 8018678023506 | Bag      | Pcs | 111 |
| DX56412 | 10 | 8018678023568 | Bag      | Pcs | 111 |
| DX56413 | 10 | 8018678023629 | Bag      | Pcs | 111 |
| DX56414 | 10 | 8018678023681 | Bag      | Pcs | 111 |



| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| DX56415 | 10       | 8018678023742 | Bag            | Pcs             | 111  |
| DX56416 | 10       | 8018678023773 | Bag            | Pcs             | 111  |
| DX56417 | 10       | 8018678023834 | Bag            | Pcs             | 111  |
| DX56422 | 10       | 8018678023865 | Bag            | Pcs             | 111  |
| DX56423 | 10       | 8018678023926 | Bag            | Pcs             | 111  |
| DX56425 | 10       | 8018678023988 | Bag            | Pcs             | 111  |
| DX56428 | 10       | 8018678024046 | Bag            | Pcs             | 111  |
| DX56432 | 3        | 8018678024107 | Bag            | Pcs             | 111  |
| DX56435 | 3        | 8018678024169 | Bag            | Pcs             | 111  |
| DX56440 | 1        | 8018678003546 | Unpacked       | Pcs             | 111  |
| DX56450 | 1        | 8018678003553 | Unpacked       | Pcs             | 111  |

#### DX 59

|         |    |               |                  |     |     |
|---------|----|---------------|------------------|-----|-----|
| DX59230 | 1  | 8018678022837 | Heat shrink film | Pcs | 116 |
| DX59231 | 1  | 8018678022875 | Heat shrink film | Pcs | 116 |
| DX59240 | 1  | 8018678022899 | Unpacked         | Pcs | 116 |
| DX59241 | 1  | 8018678022912 | Unpacked         | Pcs | 116 |
| DX59242 | 1  | 8018678022936 | Unpacked         | Pcs | 116 |
| DX59401 | 1  | 8011564131019 | Unpacked         | Pcs | 114 |
| DX59402 | 1  | 8011564131026 | Unpacked         | Pcs | 114 |
| DX59410 | 1  | 8011564131118 | Unpacked         | Pcs | 114 |
| DX59411 | 5  | 8011564511750 | Outer box        | Pcs | 114 |
| DX59430 | 5  | 8011564511743 | Outer box        | Pcs | 114 |
| DX59431 | 5  | 8011564511767 | Outer box        | Pcs | 114 |
| DX59440 | 1  | 8011564131156 | Unpacked         | Pcs | 114 |
| DX59450 | 1  | 8011564130951 | Bag              | Pcs | 114 |
| DX59450 | 1  | 8011564130951 | Bag              | Pcs | 114 |
| DX59451 | 1  | 8011564130913 | Bag              | Pcs | 114 |
| DX59452 | 1  | 8011564434509 | Bag              | Pcs | 115 |
| DX59452 | 1  | 8011564434509 | Bag              | Pcs | 115 |
| DX59453 | 1  | 8011564434516 | Bag              | Pcs | 115 |
| DX59453 | 1  | 8011564434516 | Bag              | Pcs | 115 |
| DX59501 | 1  | 8018678027924 | Bag              | Pcs | 116 |
| DX59502 | 1  | 8018678027948 | Bag              | Pcs | 116 |
| DX59511 | 1  | 8018678028020 | Heat shrink film | Pcs | 116 |
| DX59520 | 1  | 8018678028044 | Heat shrink film | Pcs | 116 |
| DX59551 | 10 | 8011564482654 | Outer box        | Pcs | 116 |
| DX59650 | 1  | 8018678030467 | Bag              | Pcs | 116 |
| DX59701 | 1  | 8011564131163 | Unpacked         | Pcs | 114 |
| DX59702 | 1  | 8011564131170 | Unpacked         | Pcs | 114 |
| DX59710 | 1  | 8011564131187 | Unpacked         | Pcs | 114 |
| DX59711 | 1  | 8011564131200 | Unpacked         | Pcs | 114 |
| DX59730 | 1  | 8011564131194 | Unpacked         | Pcs | 114 |
| DX59731 | 1  | 8011564131217 | Unpacked         | Pcs | 114 |
| DX59740 | 1  | 8011564131224 | Bag              | Pcs | 114 |
| DX59751 | 1  | 8011564130920 | Bag              | Pcs | 114 |
| DX59801 | 1  | 8011564131231 | Unpacked         | Pcs | 115 |
| DX59802 | 1  | 8011564131248 | Unpacked         | Pcs | 115 |
| DX59810 | 1  | 8011564131255 | Unpacked         | Pcs | 115 |
| DX59811 | 1  | 8011564131286 | Unpacked         | Pcs | 115 |
| DX59830 | 1  | 8011564131279 | Unpacked         | Pcs | 115 |
| DX59831 | 1  | 8011564131293 | Unpacked         | Pcs | 115 |
| DX59840 | 1  | 8011564131309 | Bag              | Pcs | 115 |
| DX59851 | 1  | 8011564130937 | Bag              | Pcs | 115 |
| DX59901 | 1  | 8011564131316 | Unpacked         | Pcs | 115 |
| DX59902 | 1  | 8011564131323 | Unpacked         | Pcs | 115 |
| DX59910 | 1  | 8011564131330 | Unpacked         | Pcs | 115 |
| DX59911 | 1  | 8011564131354 | Unpacked         | Pcs | 115 |
| DX59930 | 1  | 8011564131347 | Unpacked         | Pcs | 115 |
| DX59931 | 1  | 8011564131361 | Unpacked         | Pcs | 115 |
| DX59940 | 1  | 8011564438514 | Bag              | Pcs | 115 |
| DX59951 | 1  | 8011564130944 | Bag              | Pcs | 115 |

#### DY 01

|         |   |               |           |     |     |
|---------|---|---------------|-----------|-----|-----|
| DY01015 | 1 | 8034035069376 | Inner box | Pcs | 128 |
| DY01016 | 1 | 8034035069383 | Inner box | Pcs | 128 |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| DY01017 | 1        | 8034035069390 | Inner box      | Pcs             | 128  |

#### FR 60

|          |   |               |           |     |     |
|----------|---|---------------|-----------|-----|-----|
| FR60248W | 1 | 8011564250048 | Outer box | Pcs | 392 |
|----------|---|---------------|-----------|-----|-----|

#### GW 10

|             |   |               |                  |     |     |
|-------------|---|---------------|------------------|-----|-----|
| GW10001DY   | 1 | 8034035014116 | Heat shrink film | Pcs | 216 |
| GW10004DY   | 1 | 8034035014123 | Heat shrink film | Pcs | 216 |
| GW10006     | 1 | 8011564261815 | Inner box        | Pcs | 216 |
| GW10021DY   | 1 | 8034035068539 | Heat shrink film | Pcs | 216 |
| GW10031DY01 | 1 | 8034035137778 | Blister          | Pcs | 216 |
| GW10039     | 1 | 8011564439306 | Inner box        | Pcs | 220 |
| GW10051DY01 | 1 | 8034035137303 | Blister          | Pcs | 216 |
| GW10054     | 1 | 8011564261822 | Inner box        | Pcs | 216 |
| GW10061DY   | 1 | 8034035068546 | Heat shrink film | Pcs | 216 |
| GW10071DY01 | 1 | 8034035137815 | Blister          | Pcs | 216 |
| GW10091DY01 | 1 | 8034035137341 | Blister          | Pcs | 216 |
| GW10101DY   | 1 | 8034035057038 | Heat shrink film | Pcs | 216 |
| GW10121DY   | 1 | 8034035068935 | Heat shrink film | Pcs | 217 |
| GW10131DY01 | 1 | 8034035137389 | Blister          | Pcs | 217 |
| GW10136     | 1 | 8011564261839 | Inner box        | Pcs | 217 |
| GW10141DY   | 1 | 8034035014161 | Heat shrink film | Pcs | 217 |
| GW10145     | 1 | 8011564261877 | Inner box        | Pcs | 217 |
| GW10161DY   | 1 | 8034035068553 | Heat shrink film | Pcs | 217 |
| GW10171DY   | 1 | 8034035056833 | Heat shrink film | Pcs | 217 |
| GW10173DY   | 1 | 8034035056840 | Heat shrink film | Pcs | 217 |
| GW10191DY   | 1 | 8034035068959 | Heat shrink film | Pcs | 217 |
| GW10192DY   | 1 | 8034035068966 | Heat shrink film | Pcs | 217 |
| GW10195DY   | 1 | 8034035014178 | Heat shrink film | Pcs | 219 |
| GW10196     | 1 | 8011564258945 | Inner box        | Pcs | 219 |
| GW10197DY   | 1 | 8034035068560 | Bag              | Pcs | 219 |
| GW10198     | 1 | 8011564258952 | Inner box        | Pcs | 219 |
| GW10199     | 1 | 8011564259027 | Inner box        | Pcs | 219 |
| GW10201DY   | 1 | 8034035014185 | Heat shrink film | Pcs | 221 |
| GW10203DY01 | 1 | 8034035137419 | Blister          | Pcs | 221 |
| GW10204DY   | 1 | 8034035014406 | Heat shrink film | Pcs | 221 |
| GW10213DY   | 1 | 8034035068973 | Heat shrink film | Pcs | 221 |
| GW10213DY   | 1 | 8034035068973 | Heat shrink film | Pcs | 238 |
| GW10213DY   | 1 | 8034035068973 | Heat shrink film | Pcs | 254 |
| GW10213DY   | 1 | 8034035068973 | Heat shrink film | Pcs | 272 |
| GW10213DY   | 1 | 8034035068973 | Heat shrink film | Pcs | 288 |
| GW10214DY   | 1 | 8034035068980 | Heat shrink film | Pcs | 221 |
| GW10214DY   | 1 | 8034035068980 | Heat shrink film | Pcs | 238 |
| GW10214DY   | 1 | 8034035068980 | Heat shrink film | Pcs | 254 |
| GW10214DY   | 1 | 8034035068980 | Heat shrink film | Pcs | 272 |
| GW10214DY   | 1 | 8034035068980 | Heat shrink film | Pcs | 289 |
| GW10241DY01 | 1 | 8034035137822 | Blister          | Pcs | 222 |
| GW10242DY   | 1 | 8034035137860 | Blister          | Pcs | 222 |
| GW10311     | 1 | 8011564262430 | Inner box        | Pcs | 222 |
| GW10312     | 1 | 8011564262454 | Inner box        | Pcs | 222 |
| GW10321     | 1 | 8011564262478 | Inner box        | Pcs | 222 |
| GW10322     | 1 | 8011564262492 | Inner box        | Pcs | 222 |
| GW10331     | 1 | 8011564262515 | Inner box        | Pcs | 223 |
| GW10361     | 1 | 8011564258969 | Inner box        | Pcs | 223 |
| GW10361DY   | 1 | 8034035137457 | Blister          | Pcs | 223 |
| GW10362     | 1 | 8011564259577 | Inner box        | Pcs | 223 |
| GW10362DY   | 1 | 8034035137495 | Blister          | Pcs | 223 |
| GW10363     | 1 | 8011564259584 | Inner box        | Pcs | 223 |
| GW10367     | 1 | 8011564823648 | Inner box        | Pcs | 224 |
| GW10371     | 1 | 8011564258976 | Inner box        | Pcs | 223 |
| GW10372     | 1 | 8011564259362 | Inner box        | Pcs | 223 |
| GW10373     | 1 | 8011564259379 | Inner box        | Pcs | 223 |
| GW10377     | 1 | 8011564823730 | Inner box        | Pcs | 224 |
| GW10381     | 1 | 8011564257627 | Inner box        | Pcs | 223 |
| GW10382     | 1 | 8011564257634 | Inner box        | Pcs | 223 |
| GW10383     | 1 | 8011564294950 | Inner box        | Pcs | 223 |

# Quick Reference

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW10386   | 1        | 8011564718210 | Bag            | Pcs             | 224  |
| GW10387   | 1        | 8011564718227 | Bag            | Pcs             | 224  |
| GW10401   | 1        | 8011564257641 | Inner box      | Pcs             | 224  |
| GW10406   | 1        | 8011564259447 | Inner box      | Pcs             | 225  |
| GW10409   | 1        | 8011564823761 | Inner box      | Pcs             | 224  |
| GW10421   | 1        | 8011564257672 | Inner box      | Pcs             | 225  |
| GW10421DY | 1        | 8034035137532 | Blister        | Pcs             | 225  |
| GW10422   | 1        | 8011564257689 | Inner box      | Pcs             | 225  |
| GW10423   | 1        | 8011564257696 | Inner box      | Pcs             | 225  |
| GW10424   | 1        | 8011564257702 | Inner box      | Pcs             | 225  |
| GW10431   | 1        | 8011564295421 | Inner box      | Pcs             | 225  |
| GW10438   | 1        | 8011564719866 | Inner box      | Pcs             | 225  |
| GW10449   | 1        | 8034035088650 | Inner box      | Pcs             | 226  |
| GW10453   | 1        | 8011564259522 | Inner box      | Pcs             | 225  |
| GW10454   | 1        | 8011564259515 | Inner box      | Pcs             | 225  |
| GW10458   | 1        | 8011564719200 | Inner box      | Pcs             | 225  |
| GW10459   | 1        | 8011564780750 | Inner box      | Pcs             | 226  |
| GW10461   | 1        | 8011564262652 | Inner box      | Pcs             | 226  |
| GW10462   | 1        | 8011564262669 | Inner box      | Pcs             | 226  |
| GW10463   | 1        | 8011564262676 | Inner box      | Pcs             | 226  |
| GW10466   | 1        | 8011564262683 | Inner box      | Pcs             | 226  |
| GW10467   | 1        | 8011564262690 | Inner box      | Pcs             | 226  |
| GW10468   | 1        | 8011564262706 | Inner box      | Pcs             | 226  |
| GW10482   | 1        | 8011564262775 | Inner box      | Pcs             | 227  |
| GW10483   | 1        | 8011564262782 | Inner box      | Pcs             | 227  |
| GW10485   | 1        | 8011564262799 | Inner box      | Pcs             | 227  |
| GW10486   | 1        | 8011564262805 | Inner box      | Pcs             | 227  |
| GW10488   | 1        | 8011564262812 | Inner box      | Pcs             | 227  |
| GW10489   | 1        | 8011564262829 | Inner box      | Pcs             | 227  |
| GW10491   | 1        | 8011564262898 | Inner box      | Pcs             | 227  |
| GW10492   | 1        | 8011564262911 | Inner box      | Pcs             | 227  |
| GW10564   | 1        | 8011564263062 | Inner box      | Pcs             | 231  |
| GW10564DY | 1        | 8034035137570 | Blister        | Pcs             | 231  |
| GW10567   | 1        | 8011564261099 | Inner box      | Pcs             | 231  |
| GW10568   | 1        | 8011564261105 | Inner box      | Pcs             | 231  |
| GW10575   | 1        | 8034035090790 | Inner box      | Pcs             | 230  |
| GW10581   | 1        | 8011564262973 | Inner box      | Pcs             | 230  |
| GW10594   | 1        | 8034035090806 | Inner box      | Pcs             | 219  |
| GW10595   | 1        | 8034035090417 | Inner box      | Pcs             | 219  |
| GW10595   | 1        | 8034035090417 | Inner box      | Pcs             | 236  |
| GW10595   | 1        | 8034035090417 | Inner box      | Pcs             | 252  |
| GW10595   | 1        | 8034035090417 | Inner box      | Pcs             | 269  |
| GW10595   | 1        | 8034035090417 | Inner box      | Pcs             | 287  |
| GW10601   | 1        | 8011564259492 | Inner box      | Pcs             | 229  |
| GW10602   | 1        | 8011564259485 | Inner box      | Pcs             | 229  |
| GW10606   | 1        | 8011564259478 | Inner box      | Pcs             | 229  |
| GW10607   | 1        | 8011564259461 | Inner box      | Pcs             | 229  |
| GW10611   | 1        | 8011564260894 | Inner box      | Pcs             | 229  |
| GW10612   | 1        | 8011564260900 | Inner box      | Pcs             | 229  |
| GW10621   | 1        | 8011564259607 | Inner box      | Pcs             | 227  |
| GW10622   | 1        | 8011564259614 | Inner box      | Pcs             | 227  |
| GW10623   | 1        | 8011564259621 | Inner box      | Pcs             | 227  |
| GW10624   | 1        | 8011564259638 | Inner box      | Pcs             | 227  |
| GW10628   | 1        | 8011564259645 | Inner box      | Pcs             | 228  |
| GW10629   | 1        | 8011564259652 | Inner box      | Pcs             | 228  |
| GW10631   | 1        | 8011564259041 | Inner box      | Pcs             | 228  |
| GW10632   | 1        | 8011564259058 | Inner box      | Pcs             | 228  |
| GW10633   | 1        | 8011564259065 | Inner box      | Pcs             | 228  |
| GW10634   | 1        | 8011564259072 | Inner box      | Pcs             | 228  |
| GW10651   | 1        | 8011564257719 | Inner box      | Pcs             | 228  |
| GW10656   | 1        | 8011564262959 | Inner box      | Pcs             | 228  |
| GW10661   | 1        | 8011564259928 | Inner box      | Pcs             | 228  |
| GW10662   | 1        | 8011564294967 | Inner box      | Pcs             | 228  |
| GW10663   | 1        | 8011564840225 | Inner box      | Pcs             | 229  |
| GW10666   | 1        | 8011564262935 | Inner box      | Pcs             | 229  |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW10703   | 1        | 8011564261761 | Inner box      | Pcs             | 230  |
| GW10705   | 1        | 8011564263116 | Inner box      | Pcs             | 230  |
| GW10720   | 1        | 8011564871311 | Inner box      | Pcs             | 247  |
| GW10720   | 1        | 8011564871311 | Inner box      | Pcs             | 264  |
| GW10720   | 1        | 8011564871311 | Inner box      | Pcs             | 282  |
| GW10720   | 1        | 8011564871311 | Inner box      | Pcs             | 299  |
| GW10721   | 1        | 8011564261129 | Inner box      | Pcs             | 220  |
| GW10724   | 1        | 8011564261143 | Inner box      | Pcs             | 220  |
| GW10726   | 1        | 8011564261167 | Inner box      | Pcs             | 220  |
| GW10736   | 1        | 8011564752559 | Inner box      | Pcs             | 220  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 232  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 248  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 264  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 282  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 300  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 332  |
| GW10881DY | 1        | 8034035014413 | Bag            | Pcs             | 348  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 232  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 248  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 264  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 282  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 300  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 332  |
| GW10882DY | 1        | 8034035056864 | Bag            | Pcs             | 348  |
| GW10894DY | 1        | 8034035014420 | Bag            | Pcs             | 232  |
| GW10894DY | 1        | 8034035014420 | Bag            | Pcs             | 248  |
| GW10894DY | 1        | 8034035014420 | Bag            | Pcs             | 264  |
| GW10894DY | 1        | 8034035014420 | Bag            | Pcs             | 282  |
| GW10894DY | 1        | 8034035014420 | Bag            | Pcs             | 300  |
| GW10912   | 1        | 8011564705050 | Inner box      | Pcs             | 218  |
| GW10913   | 1        | 8011564705067 | Inner box      | Pcs             | 218  |
| GW10914   | 1        | 8011564705074 | Inner box      | Pcs             | 218  |
| GW10915   | 1        | 8011564764125 | Inner box      | Pcs             | 218  |
| GW10916   | 1        | 8011564816411 | Inner box      | Pcs             | 218  |
| GW10917   | 1        | 8011564816428 | Inner box      | Pcs             | 218  |
| GW10918   | 1        | 8011564816435 | Inner box      | Pcs             | 218  |

## GW 12

|             |   |               |                  |     |     |
|-------------|---|---------------|------------------|-----|-----|
| GW12001DY01 | 1 | 8034035137082 | Blister          | Pcs | 266 |
| GW12004DY   | 1 | 8034035014444 | Heat shrink film | Pcs | 266 |
| GW12006     | 1 | 8011564265288 | Inner box        | Pcs | 266 |
| GW12021DY   | 1 | 8034035068577 | Heat shrink film | Pcs | 266 |
| GW12031DY   | 1 | 8034035137792 | Blister          | Pcs | 266 |
| GW12039     | 1 | 8011564439313 | Inner box        | Pcs | 270 |
| GW12051DY01 | 1 | 8034035137327 | Blister          | Pcs | 266 |
| GW12054     | 1 | 8011564268036 | Inner box        | Pcs | 266 |
| GW12061DY   | 1 | 8034035068522 | Heat shrink film | Pcs | 266 |
| GW12071DY   | 1 | 8034035056970 | Heat shrink film | Pcs | 266 |
| GW12091DY01 | 1 | 8034035137365 | Blister          | Pcs | 266 |
| GW12121DY   | 1 | 8034035014475 | Heat shrink film | Pcs | 267 |
| GW12131DY01 | 1 | 8034035137396 | Blister          | Pcs | 267 |
| GW12136     | 1 | 8011564268043 | Inner box        | Pcs | 267 |
| GW12141DY   | 1 | 8034035014499 | Heat shrink film | Pcs | 267 |
| GW12145     | 1 | 8011564268067 | Inner box        | Pcs | 267 |
| GW12161DY   | 1 | 8034035068584 | Heat shrink film | Pcs | 267 |
| GW12191DY   | 1 | 8034035068997 | Bag              | Pcs | 267 |
| GW12195DY   | 1 | 8034035014505 | Heat shrink film | Pcs | 269 |
| GW12196     | 1 | 8011564266636 | Inner box        | Pcs | 269 |
| GW12197DY   | 1 | 8034035068690 | Bag              | Pcs | 269 |
| GW12198     | 1 | 8011564266643 | Inner box        | Pcs | 269 |
| GW12199     | 1 | 8011564266650 | Inner box        | Pcs | 269 |
| GW12201DY   | 1 | 8034035014512 | Heat shrink film | Pcs | 271 |
| GW12203DY01 | 1 | 8034035137433 | Blister          | Pcs | 271 |
| GW12204DY   | 1 | 8034035014536 | Heat shrink film | Pcs | 271 |
| GW12241DY01 | 1 | 8034035137846 | Blister          | Pcs | 272 |
| GW12246     | 1 | 8011564266926 | Inner box        | Pcs | 271 |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW12246   | 1        | 8011564266926 | Inner box      | Pcs             | 272  |
| GW12299   | 12       | 8011564916784 | Inner box      | Pcs             | 273  |
| GW12311   | 1        | 8011564267329 | Inner box      | Pcs             | 273  |
| GW12312   | 1        | 8011564267336 | Inner box      | Pcs             | 273  |
| GW12321   | 1        | 8011564267343 | Inner box      | Pcs             | 273  |
| GW12322   | 1        | 8011564267350 | Inner box      | Pcs             | 273  |
| GW12331   | 1        | 8011564267367 | Inner box      | Pcs             | 273  |
| GW12361   | 1        | 8011564266667 | Inner box      | Pcs             | 274  |
| GW12361DY | 1        | 8034035137471 | Blister        | Pcs             | 274  |
| GW12362   | 1        | 8011564268906 | Inner box      | Pcs             | 274  |
| GW12362DY | 1        | 8034035137501 | Blister        | Pcs             | 274  |
| GW12363   | 1        | 8011564268913 | Inner box      | Pcs             | 274  |
| GW12367   | 1        | 8011564823716 | Inner box      | Pcs             | 274  |
| GW12371   | 1        | 8011564266674 | Inner box      | Pcs             | 274  |
| GW12372   | 1        | 8011564268968 | Inner box      | Pcs             | 274  |
| GW12373   | 1        | 8011564268975 | Inner box      | Pcs             | 274  |
| GW12377   | 1        | 8011564823747 | Inner box      | Pcs             | 275  |
| GW12381   | 1        | 8011564269019 | Inner box      | Pcs             | 274  |
| GW12382   | 1        | 8011564269026 | Inner box      | Pcs             | 274  |
| GW12383   | 1        | 8011564294981 | Inner box      | Pcs             | 274  |
| GW12386   | 1        | 8011564718234 | Bag            | Pcs             | 275  |
| GW12387   | 1        | 8011564718241 | Bag            | Pcs             | 275  |
| GW12401   | 1        | 8011564269033 | Inner box      | Pcs             | 275  |
| GW12401DY | 1        | 8034035137525 | Blister        | Pcs             | 275  |
| GW12406   | 1        | 8011564269088 | Inner box      | Pcs             | 275  |
| GW12409   | 1        | 8011564823778 | Inner box      | Pcs             | 275  |
| GW12421   | 1        | 8011564269101 | Inner box      | Pcs             | 276  |
| GW12421DY | 1        | 8034035137556 | Blister        | Pcs             | 276  |
| GW12422   | 1        | 8011564269118 | Inner box      | Pcs             | 276  |
| GW12423   | 1        | 8011564269125 | Inner box      | Pcs             | 276  |
| GW12424   | 1        | 8011564269132 | Inner box      | Pcs             | 276  |
| GW12431   | 1        | 8011564295438 | Inner box      | Pcs             | 276  |
| GW12438   | 1        | 8011564719873 | Inner box      | Pcs             | 276  |
| GW12449   | 1        | 8034035088667 | Inner box      | Pcs             | 277  |
| GW12453   | 1        | 8011564269170 | Inner box      | Pcs             | 276  |
| GW12454   | 1        | 8011564269187 | Inner box      | Pcs             | 276  |
| GW12458   | 1        | 8011564719231 | Inner box      | Pcs             | 276  |
| GW12459   | 1        | 8011564780767 | Inner box      | Pcs             | 276  |
| GW12461   | 1        | 8011564268159 | Inner box      | Pcs             | 277  |
| GW12462   | 1        | 8011564268166 | Inner box      | Pcs             | 277  |
| GW12463   | 1        | 8011564268180 | Inner box      | Pcs             | 277  |
| GW12466   | 1        | 8011564268197 | Inner box      | Pcs             | 277  |
| GW12467   | 1        | 8011564268210 | Inner box      | Pcs             | 277  |
| GW12468   | 1        | 8011564268227 | Inner box      | Pcs             | 277  |
| GW12482   | 1        | 8011564265141 | Inner box      | Pcs             | 277  |
| GW12483   | 1        | 8011564265158 | Inner box      | Pcs             | 277  |
| GW12485   | 1        | 8011564265165 | Inner box      | Pcs             | 277  |
| GW12486   | 1        | 8011564267886 | Inner box      | Pcs             | 277  |
| GW12488   | 1        | 8011564267893 | Inner box      | Pcs             | 277  |
| GW12489   | 1        | 8011564267916 | Inner box      | Pcs             | 277  |
| GW12491   | 1        | 8011564268234 | Inner box      | Pcs             | 278  |
| GW12492   | 1        | 8011564268241 | Inner box      | Pcs             | 278  |
| GW12564   | 1        | 8011564268272 | Inner box      | Pcs             | 281  |
| GW12564DY | 1        | 8034035137587 | Blister        | Pcs             | 281  |
| GW12567   | 1        | 8011564268296 | Inner box      | Pcs             | 281  |
| GW12568   | 1        | 8011564268302 | Inner box      | Pcs             | 282  |
| GW12575   | 1        | 8034035090912 | Inner box      | Pcs             | 281  |
| GW12581   | 1        | 8011564267374 | Inner box      | Pcs             | 280  |
| GW12594   | 1        | 8034035090929 | Inner box      | Pcs             | 269  |
| GW12601   | 1        | 8011564269194 | Inner box      | Pcs             | 280  |
| GW12602   | 1        | 8011564269200 | Inner box      | Pcs             | 280  |
| GW12606   | 1        | 8011564269217 | Inner box      | Pcs             | 280  |
| GW12607   | 1        | 8011564269224 | Inner box      | Pcs             | 280  |
| GW12611   | 1        | 8011564267947 | Inner box      | Pcs             | 280  |
| GW12612   | 1        | 8011564267954 | Inner box      | Pcs             | 280  |

| Code         | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|--------------|----------|---------------|----------------|-----------------|------|
| GW12621      | 1        | 8011564269231 | Inner box      | Pcs             | 278  |
| GW12622      | 1        | 8011564269248 | Inner box      | Pcs             | 278  |
| GW12623      | 1        | 8011564269255 | Inner box      | Pcs             | 278  |
| GW12624      | 1        | 8011564269262 | Inner box      | Pcs             | 278  |
| GW12628      | 1        | 8011564269279 | Inner box      | Pcs             | 278  |
| GW12629      | 1        | 8011564269286 | Inner box      | Pcs             | 278  |
| GW12631      | 1        | 8011564269293 | Inner box      | Pcs             | 279  |
| GW12632      | 1        | 8011564269309 | Inner box      | Pcs             | 279  |
| GW12633      | 1        | 8011564269316 | Inner box      | Pcs             | 279  |
| GW12634      | 1        | 8011564269323 | Inner box      | Pcs             | 279  |
| GW12651      | 1        | 8011564269330 | Inner box      | Pcs             | 279  |
| GW12656      | 1        | 8011564267404 | Inner box      | Pcs             | 279  |
| GW12661      | 1        | 8011564269941 | Inner box      | Pcs             | 279  |
| GW12662      | 1        | 8011564294998 | Inner box      | Pcs             | 279  |
| GW12663      | 1        | 8011564840232 | Inner box      | Pcs             | 279  |
| GW12666      | 1        | 8011564267428 | Inner box      | Pcs             | 279  |
| GW12703      | 1        | 8011564267459 | Inner box      | Pcs             | 281  |
| GW12705      | 1        | 8011564267466 | Inner box      | Pcs             | 281  |
| GW12721      | 1        | 8011564268357 | Inner box      | Pcs             | 270  |
| GW12724      | 1        | 8011564268388 | Inner box      | Pcs             | 270  |
| GW12726      | 1        | 8011564268401 | Inner box      | Pcs             | 270  |
| GW12732      | 4        | 8011564934511 | Inner box      | Pcs             | 270  |
| GW12736      | 1        | 8011564752566 | Inner box      | Pcs             | 271  |
| GW12912      | 1        | 8011564705081 | Inner box      | Pcs             | 268  |
| GW12913      | 1        | 8011564705098 | Inner box      | Pcs             | 268  |
| GW12914      | 1        | 8011564705104 | Inner box      | Pcs             | 268  |
| GW12915      | 1        | 8011564764132 | Inner box      | Pcs             | 268  |
| GW12916      | 1        | 8011564816442 | Inner box      | Pcs             | 268  |
| GW12917      | 1        | 8011564816459 | Inner box      | Pcs             | 268  |
| GW12918      | 1        | 8011564816466 | Inner box      | Pcs             | 268  |
| <b>GW 13</b> |          |               |                |                 |      |
| GW13006      | 1        | 8034035071706 | Inner box      | Pcs             | 250  |
| GW13039      | 1        | 8034035071843 | Inner box      | Pcs             | 253  |
| GW13054      | 1        | 8034035071911 | Inner box      | Pcs             | 250  |
| GW13136      | 1        | 8034035072239 | Inner box      | Pcs             | 250  |
| GW13145      | 1        | 8034035072321 | Inner box      | Pcs             | 250  |
| GW13196      | 1        | 8034035072536 | Inner box      | Pcs             | 252  |
| GW13198      | 1        | 8034035072550 | Inner box      | Pcs             | 252  |
| GW13199      | 1        | 8034035072567 | Inner box      | Pcs             | 252  |
| GW13246      | 1        | 8034035072666 | Inner box      | Pcs             | 254  |
| GW13311      | 1        | 8034035072833 | Inner box      | Pcs             | 254  |
| GW13312      | 1        | 8034035072840 | Inner box      | Pcs             | 254  |
| GW13321      | 1        | 8034035072857 | Inner box      | Pcs             | 255  |
| GW13322      | 1        | 8034035072864 | Inner box      | Pcs             | 255  |
| GW13331      | 1        | 8034035072871 | Inner box      | Pcs             | 255  |
| GW13361      | 1        | 8034035072895 | Inner box      | Pcs             | 255  |
| GW13362      | 1        | 8034035072901 | Inner box      | Pcs             | 255  |
| GW13363      | 1        | 8034035072918 | Inner box      | Pcs             | 255  |
| GW13367      | 1        | 8034035072925 | Inner box      | Pcs             | 256  |
| GW13371      | 1        | 8034035072932 | Inner box      | Pcs             | 255  |
| GW13372      | 1        | 8034035072949 | Inner box      | Pcs             | 255  |
| GW13373      | 1        | 8034035072956 | Inner box      | Pcs             | 255  |
| GW13377      | 1        | 8034035072963 | Inner box      | Pcs             | 256  |
| GW13381      | 1        | 8034035072970 | Inner box      | Pcs             | 256  |
| GW13382      | 1        | 8034035072987 | Inner box      | Pcs             | 256  |
| GW13383      | 1        | 8034035072994 | Inner box      | Pcs             | 256  |
| GW13386      | 1        | 8034035073007 | Bag            | Pcs             | 256  |
| GW13387      | 1        | 8034035073014 | Bag            | Pcs             | 256  |
| GW13401      | 1        | 8034035073045 | Inner box      | Pcs             | 257  |
| GW13406      | 1        | 8034035073052 | Inner box      | Pcs             | 257  |
| GW13409      | 1        | 8034035073069 | Inner box      | Pcs             | 257  |
| GW13421      | 1        | 8034035073076 | Inner box      | Pcs             | 257  |
| GW13422      | 1        | 8034035073083 | Inner box      | Pcs             | 257  |
| GW13423      | 1        | 8034035073090 | Inner box      | Pcs             | 257  |
| GW13424      | 1        | 8034035073106 | Inner box      | Pcs             | 257  |

# Quick Reference

| Code     | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|----------|----------|---------------|----------------|-----------------|------|
| GW13431  | 1        | 8034035073113 | Inner box      | Pcs             | 258  |
| GW13438  | 1        | 8034035073175 | Inner box      | Pcs             | 258  |
| GW13449  | 1        | 8034035088674 | Inner box      | Pcs             | 259  |
| GW13453  | 1        | 8034035073229 | Inner box      | Pcs             | 258  |
| GW13454  | 1        | 8034035073236 | Inner box      | Pcs             | 258  |
| GW13458  | 1        | 8034035073243 | Inner box      | Pcs             | 258  |
| GW13459  | 1        | 8034035073250 | Inner box      | Pcs             | 258  |
| GW13461  | 1        | 8034035073267 | Inner box      | Pcs             | 259  |
| GW13462  | 1        | 8034035073274 | Inner box      | Pcs             | 259  |
| GW13463  | 1        | 8034035073281 | Inner box      | Pcs             | 259  |
| GW13466  | 1        | 8034035073298 | Inner box      | Pcs             | 259  |
| GW13467  | 1        | 8034035073304 | Inner box      | Pcs             | 259  |
| GW13468  | 1        | 8034035073311 | Inner box      | Pcs             | 259  |
| GW13482  | 1        | 8034035073328 | Inner box      | Pcs             | 259  |
| GW13483  | 1        | 8034035073335 | Inner box      | Pcs             | 259  |
| GW13485  | 1        | 8034035073342 | Inner box      | Pcs             | 259  |
| GW13486  | 1        | 8034035073359 | Inner box      | Pcs             | 259  |
| GW13488  | 1        | 8034035073366 | Inner box      | Pcs             | 259  |
| GW13489  | 1        | 8034035073373 | Inner box      | Pcs             | 259  |
| GW13491  | 1        | 8034035073380 | Inner box      | Pcs             | 259  |
| GW13492  | 1        | 8034035073397 | Inner box      | Pcs             | 260  |
| GW13564  | 1        | 8034035073526 | Inner box      | Pcs             | 263  |
| GW13567  | 1        | 8034035073540 | Inner box      | Pcs             | 263  |
| GW13568  | 1        | 8034035073557 | Inner box      | Pcs             | 263  |
| GW13572A | 1        | 8034035073564 | Inner box      | Pcs             | 263  |
| GW13573A | 1        | 8034035073571 | Inner box      | Pcs             | 263  |
| GW13575  | 1        | 8034035090981 | Inner box      | Pcs             | 263  |
| GW13594  | 1        | 8034035090998 | Inner box      | Pcs             | 252  |
| GW13601  | 1        | 8034035073618 | Inner box      | Pcs             | 262  |
| GW13602  | 1        | 8034035073625 | Inner box      | Pcs             | 262  |
| GW13606  | 1        | 8034035073632 | Inner box      | Pcs             | 262  |
| GW13607  | 1        | 8034035073649 | Inner box      | Pcs             | 262  |
| GW13611  | 1        | 8034035073656 | Inner box      | Pcs             | 262  |
| GW13612  | 1        | 8034035073663 | Inner box      | Pcs             | 262  |
| GW13621  | 1        | 8034035073670 | Inner box      | Pcs             | 260  |
| GW13622  | 1        | 8034035073687 | Inner box      | Pcs             | 260  |
| GW13623  | 1        | 8034035073694 | Inner box      | Pcs             | 260  |
| GW13624  | 1        | 8034035073700 | Inner box      | Pcs             | 260  |
| GW13628  | 1        | 8034035073717 | Inner box      | Pcs             | 260  |
| GW13629  | 1        | 8034035073724 | Inner box      | Pcs             | 260  |
| GW13631  | 1        | 8034035073731 | Inner box      | Pcs             | 260  |
| GW13632  | 1        | 8034035073748 | Inner box      | Pcs             | 260  |
| GW13633  | 1        | 8034035073755 | Inner box      | Pcs             | 260  |
| GW13634  | 1        | 8034035073762 | Inner box      | Pcs             | 260  |
| GW13651  | 1        | 8034035073816 | Inner box      | Pcs             | 261  |
| GW13656  | 1        | 8034035073823 | Inner box      | Pcs             | 261  |
| GW13661  | 1        | 8034035073830 | Inner box      | Pcs             | 261  |
| GW13662  | 1        | 8034035073847 | Inner box      | Pcs             | 261  |
| GW13663  | 1        | 8034035073854 | Inner box      | Pcs             | 261  |
| GW13666  | 1        | 8034035073861 | Inner box      | Pcs             | 261  |
| GW13705  | 1        | 8034035073908 | Inner box      | Pcs             | 262  |
| GW13721  | 1        | 8034035073922 | Inner box      | Pcs             | 253  |
| GW13724  | 1        | 8034035073946 | Inner box      | Pcs             | 253  |
| GW13726  | 1        | 8034035073953 | Inner box      | Pcs             | 253  |
| GW13736  | 1        | 8034035073991 | Inner box      | Pcs             | 253  |
| GW13912  | 1        | 8034035074288 | Inner box      | Pcs             | 251  |
| GW13913  | 1        | 8034035074295 | Inner box      | Pcs             | 251  |
| GW13914  | 1        | 8034035074301 | Inner box      | Pcs             | 251  |
| GW13915  | 1        | 8034035074318 | Inner box      | Pcs             | 251  |
| GW13916  | 1        | 8034035074325 | Inner box      | Pcs             | 251  |
| GW13917  | 1        | 8034035074332 | Inner box      | Pcs             | 251  |
| GW13918  | 1        | 8034035074349 | Inner box      | Pcs             | 251  |

## GW 14

|           |   |               |           |     |     |
|-----------|---|---------------|-----------|-----|-----|
| GW14001DY | 1 | 8034035137099 | Blister   | Pcs | 284 |
| GW14006   | 1 | 8011564265363 | Inner box | Pcs | 284 |

| Code        | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-------------|----------|---------------|------------------|-----------------|------|
| GW14031DY   | 1        | 8034035137808 | Blister          | Pcs             | 284  |
| GW14039     | 1        | 8011564439320 | Inner box        | Pcs             | 287  |
| GW14051DY01 | 1        | 8034035137334 | Blister          | Pcs             | 284  |
| GW14054     | 1        | 8011564265578 | Inner box        | Pcs             | 284  |
| GW14071DY   | 1        | 8034035056895 | Heat shrink film | Pcs             | 284  |
| GW14091DY01 | 1        | 8034035137372 | Blister          | Pcs             | 284  |
| GW14131DY01 | 1        | 8034035137402 | Blister          | Pcs             | 285  |
| GW14136     | 1        | 8011564265882 | Inner box        | Pcs             | 285  |
| GW14145     | 1        | 8011564265974 | Inner box        | Pcs             | 285  |
| GW14195DY   | 1        | 8034035056963 | Heat shrink film | Pcs             | 286  |
| GW14196     | 1        | 8011564266254 | Inner box        | Pcs             | 286  |
| GW14198     | 1        | 8011564266278 | Inner box        | Pcs             | 286  |
| GW14199     | 1        | 8011564266285 | Inner box        | Pcs             | 286  |
| GW14203DY   | 1        | 8034035137440 | Blister          | Pcs             | 288  |
| GW14241DY01 | 1        | 8034035137853 | Blister          | Pcs             | 289  |
| GW14246     | 1        | 8011564266377 | Inner box        | Pcs             | 288  |
| GW14246     | 1        | 8011564266377 | Inner box        | Pcs             | 289  |
| GW14299     | 12       | 8011564916791 | Inner box        | Pcs             | 289  |
| GW14311     | 1        | 8011564266490 | Inner box        | Pcs             | 290  |
| GW14312     | 1        | 8011564279261 | Inner box        | Pcs             | 290  |
| GW14321     | 1        | 8011564266506 | Inner box        | Pcs             | 290  |
| GW14322     | 1        | 8011564266728 | Inner box        | Pcs             | 290  |
| GW14331     | 1        | 8011564266735 | Inner box        | Pcs             | 290  |
| GW14361     | 1        | 8011564266742 | Inner box        | Pcs             | 290  |
| GW14361DY   | 1        | 8034035137488 | Blister          | Pcs             | 290  |
| GW14362     | 1        | 8011564266759 | Inner box        | Pcs             | 290  |
| GW14362DY   | 1        | 8034035137518 | Blister          | Pcs             | 290  |
| GW14363     | 1        | 8011564266766 | Inner box        | Pcs             | 290  |
| GW14367     | 1        | 8011564823723 | Inner box        | Pcs             | 291  |
| GW14371     | 1        | 8011564266803 | Inner box        | Pcs             | 291  |
| GW14372     | 1        | 8011564267015 | Inner box        | Pcs             | 291  |
| GW14373     | 1        | 8011564267022 | Inner box        | Pcs             | 291  |
| GW14377     | 1        | 8011564823754 | Inner box        | Pcs             | 291  |
| GW14381     | 1        | 8011564267060 | Inner box        | Pcs             | 291  |
| GW14382     | 1        | 8011564267077 | Inner box        | Pcs             | 291  |
| GW14383     | 1        | 8011564295025 | Inner box        | Pcs             | 291  |
| GW14386     | 1        | 8011564718258 | Bag              | Pcs             | 291  |
| GW14387     | 1        | 8011564718265 | Bag              | Pcs             | 291  |
| GW14401     | 1        | 8011564267084 | Inner box        | Pcs             | 292  |
| GW14406     | 1        | 8011564267237 | Inner box        | Pcs             | 292  |
| GW14409     | 1        | 8011564823785 | Inner box        | Pcs             | 292  |
| GW14421     | 1        | 8011564267268 | Inner box        | Pcs             | 292  |
| GW14421DY   | 1        | 8034035137563 | Blister          | Pcs             | 292  |
| GW14422     | 1        | 8011564267275 | Inner box        | Pcs             | 292  |
| GW14423     | 1        | 8011564267299 | Inner box        | Pcs             | 292  |
| GW14424     | 1        | 8011564267305 | Inner box        | Pcs             | 292  |
| GW14431     | 1        | 8011564295445 | Inner box        | Pcs             | 293  |
| GW14438     | 1        | 8011564719880 | Inner box        | Pcs             | 293  |
| GW14449     | 1        | 8034035088681 | Inner box        | Pcs             | 294  |
| GW14453     | 1        | 8011564265172 | Inner box        | Pcs             | 293  |
| GW14454     | 1        | 8011564265196 | Inner box        | Pcs             | 293  |
| GW14458     | 1        | 8011564719262 | Inner box        | Pcs             | 293  |
| GW14459     | 1        | 8011564780774 | Inner box        | Pcs             | 293  |
| GW14461     | 1        | 8011564265202 | Inner box        | Pcs             | 294  |
| GW14462     | 1        | 8011564267718 | Inner box        | Pcs             | 294  |
| GW14463     | 1        | 8011564267725 | Inner box        | Pcs             | 294  |
| GW14466     | 1        | 8011564267732 | Inner box        | Pcs             | 294  |
| GW14467     | 1        | 8011564267749 | Inner box        | Pcs             | 294  |
| GW14468     | 1        | 8011564267756 | Inner box        | Pcs             | 294  |
| GW14482     | 1        | 8011564267763 | Inner box        | Pcs             | 294  |
| GW14483     | 1        | 8011564267770 | Inner box        | Pcs             | 294  |
| GW14485     | 1        | 8011564267787 | Inner box        | Pcs             | 294  |
| GW14486     | 1        | 8011564267794 | Inner box        | Pcs             | 294  |
| GW14488     | 1        | 8011564267800 | Inner box        | Pcs             | 294  |
| GW14489     | 1        | 8011564267817 | Inner box        | Pcs             | 294  |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW14491   | 1        | 8011564267824 | Inner box      | Pcs             | 294  |
| GW14492   | 1        | 8011564267831 | Inner box      | Pcs             | 295  |
| GW14564   | 1        | 8011564267978 | Inner box      | Pcs             | 298  |
| GW14564DY | 1        | 8034035137594 | Blister        | Pcs             | 298  |
| GW14567   | 1        | 8011564267985 | Inner box      | Pcs             | 298  |
| GW14568   | 1        | 8011564267992 | Inner box      | Pcs             | 299  |
| GW14575   | 1        | 8034035091056 | Inner box      | Pcs             | 298  |
| GW14581   | 1        | 8011564268029 | Inner box      | Pcs             | 297  |
| GW14594   | 1        | 8034035091063 | Inner box      | Pcs             | 286  |
| GW14601   | 1        | 8011564268203 | Inner box      | Pcs             | 297  |
| GW14602   | 1        | 8011564268258 | Inner box      | Pcs             | 297  |
| GW14606   | 1        | 8011564268289 | Inner box      | Pcs             | 297  |
| GW14607   | 1        | 8011564268319 | Inner box      | Pcs             | 297  |
| GW14611   | 1        | 8011564268340 | Inner box      | Pcs             | 297  |
| GW14612   | 1        | 8011564268371 | Inner box      | Pcs             | 297  |
| GW14621   | 1        | 8011564268418 | Inner box      | Pcs             | 295  |
| GW14622   | 1        | 8011564268432 | Inner box      | Pcs             | 295  |
| GW14623   | 1        | 8011564268470 | Inner box      | Pcs             | 295  |
| GW14624   | 1        | 8011564268500 | Inner box      | Pcs             | 295  |
| GW14628   | 1        | 8011564268524 | Inner box      | Pcs             | 295  |
| GW14629   | 1        | 8011564268531 | Inner box      | Pcs             | 295  |
| GW14631   | 1        | 8011564268548 | Inner box      | Pcs             | 295  |
| GW14632   | 1        | 8011564268555 | Inner box      | Pcs             | 295  |
| GW14633   | 1        | 8011564268586 | Inner box      | Pcs             | 295  |
| GW14634   | 1        | 8011564268593 | Inner box      | Pcs             | 295  |
| GW14651   | 1        | 8011564268647 | Inner box      | Pcs             | 296  |
| GW14656   | 1        | 8011564268654 | Inner box      | Pcs             | 296  |
| GW14661   | 1        | 8011564438309 | Inner box      | Pcs             | 296  |
| GW14662   | 1        | 8011564295049 | Inner box      | Pcs             | 296  |
| GW14663   | 1        | 8011564840249 | Inner box      | Pcs             | 296  |
| GW14666   | 1        | 8011564268661 | Inner box      | Pcs             | 296  |
| GW14703   | 1        | 8011564268685 | Inner box      | Pcs             | 298  |
| GW14705   | 1        | 8011564268692 | Inner box      | Pcs             | 298  |
| GW14721   | 1        | 8011564268791 | Inner box      | Pcs             | 287  |
| GW14724   | 1        | 8011564268852 | Inner box      | Pcs             | 287  |
| GW14726   | 1        | 8011564268876 | Inner box      | Pcs             | 287  |
| GW14736   | 1        | 8011564752573 | Inner box      | Pcs             | 288  |
| GW14912   | 1        | 8011564705128 | Inner box      | Pcs             | 285  |
| GW14913   | 1        | 8011564705135 | Inner box      | Pcs             | 285  |
| GW14914   | 1        | 8011564705142 | Inner box      | Pcs             | 286  |
| GW14915   | 1        | 8011564764149 | Inner box      | Pcs             | 285  |
| GW14916   | 1        | 8011564816473 | Inner box      | Pcs             | 285  |
| GW14917   | 1        | 8011564816480 | Inner box      | Pcs             | 285  |
| GW14918   | 1        | 8011564816497 | Inner box      | Pcs             | 285  |

**GW 15**

|         |   |               |           |     |     |
|---------|---|---------------|-----------|-----|-----|
| GW15006 | 1 | 8034035074400 | Inner box | Pcs | 234 |
| GW15039 | 1 | 8034035074547 | Inner box | Pcs | 237 |
| GW15054 | 1 | 8034035074615 | Inner box | Pcs | 234 |
| GW15136 | 1 | 8034035074936 | Inner box | Pcs | 234 |
| GW15145 | 1 | 8034035075025 | Inner box | Pcs | 234 |
| GW15196 | 1 | 8034035075230 | Inner box | Pcs | 236 |
| GW15198 | 1 | 8034035075254 | Inner box | Pcs | 236 |
| GW15199 | 1 | 8034035075261 | Inner box | Pcs | 236 |
| GW15246 | 1 | 8034035075360 | Inner box | Pcs | 238 |
| GW15311 | 1 | 8034035075537 | Inner box | Pcs | 238 |
| GW15312 | 1 | 8034035075544 | Inner box | Pcs | 238 |
| GW15321 | 1 | 8034035075551 | Inner box | Pcs | 239 |
| GW15322 | 1 | 8034035075568 | Inner box | Pcs | 239 |
| GW15331 | 1 | 8034035075575 | Inner box | Pcs | 239 |
| GW15361 | 1 | 8034035075599 | Inner box | Pcs | 239 |
| GW15362 | 1 | 8034035075605 | Inner box | Pcs | 239 |
| GW15363 | 1 | 8034035075612 | Inner box | Pcs | 239 |
| GW15367 | 1 | 8034035075629 | Inner box | Pcs | 240 |
| GW15371 | 1 | 8034035075636 | Inner box | Pcs | 239 |
| GW15372 | 1 | 8034035075643 | Inner box | Pcs | 239 |

| Code     | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|----------|----------|---------------|----------------|-----------------|------|
| GW15373  | 1        | 8034035075650 | Inner box      | Pcs             | 239  |
| GW15377  | 1        | 8034035075667 | Inner box      | Pcs             | 240  |
| GW15381  | 1        | 8034035075674 | Inner box      | Pcs             | 240  |
| GW15382  | 1        | 8034035075681 | Inner box      | Pcs             | 240  |
| GW15383  | 1        | 8034035075698 | Inner box      | Pcs             | 240  |
| GW15386  | 1        | 8034035075704 | Bag            | Pcs             | 240  |
| GW15387  | 1        | 8034035075711 | Bag            | Pcs             | 240  |
| GW15401  | 1        | 8034035075742 | Inner box      | Pcs             | 241  |
| GW15406  | 1        | 8034035075759 | Inner box      | Pcs             | 241  |
| GW15409  | 1        | 8034035075766 | Inner box      | Pcs             | 241  |
| GW15421  | 1        | 8034035075773 | Inner box      | Pcs             | 241  |
| GW15422  | 1        | 8034035075780 | Inner box      | Pcs             | 241  |
| GW15423  | 1        | 8034035075797 | Inner box      | Pcs             | 241  |
| GW15424  | 1        | 8034035075803 | Inner box      | Pcs             | 241  |
| GW15431  | 1        | 8034035075810 | Inner box      | Pcs             | 242  |
| GW15438  | 1        | 8034035075872 | Inner box      | Pcs             | 242  |
| GW15449  | 1        | 8034035088698 | Inner box      | Pcs             | 243  |
| GW15453  | 1        | 8034035075926 | Inner box      | Pcs             | 242  |
| GW15454  | 1        | 8034035075933 | Inner box      | Pcs             | 242  |
| GW15458  | 1        | 8034035075940 | Inner box      | Pcs             | 242  |
| GW15459  | 1        | 8034035075957 | Inner box      | Pcs             | 242  |
| GW15461  | 1        | 8034035075964 | Inner box      | Pcs             | 243  |
| GW15462  | 1        | 8034035075971 | Inner box      | Pcs             | 243  |
| GW15463  | 1        | 8034035075988 | Inner box      | Pcs             | 243  |
| GW15466  | 1        | 8034035075995 | Inner box      | Pcs             | 243  |
| GW15467  | 1        | 8034035076008 | Inner box      | Pcs             | 243  |
| GW15468  | 1        | 8034035076015 | Inner box      | Pcs             | 243  |
| GW15482  | 1        | 8034035076022 | Inner box      | Pcs             | 243  |
| GW15483  | 1        | 8034035076039 | Inner box      | Pcs             | 243  |
| GW15485  | 1        | 8034035076046 | Inner box      | Pcs             | 243  |
| GW15486  | 1        | 8034035076053 | Inner box      | Pcs             | 243  |
| GW15488  | 1        | 8034035076060 | Inner box      | Pcs             | 243  |
| GW15489  | 1        | 8034035076077 | Inner box      | Pcs             | 243  |
| GW15491  | 1        | 8034035076084 | Inner box      | Pcs             | 243  |
| GW15492  | 1        | 8034035076091 | Inner box      | Pcs             | 244  |
| GW15564  | 1        | 8034035076220 | Inner box      | Pcs             | 247  |
| GW15567  | 1        | 8034035076244 | Inner box      | Pcs             | 247  |
| GW15568  | 1        | 8034035076251 | Inner box      | Pcs             | 247  |
| GW15572A | 1        | 8034035076268 | Inner box      | Pcs             | 247  |
| GW15573A | 1        | 8034035076275 | Inner box      | Pcs             | 247  |
| GW15575  | 1        | 8034035091124 | Inner box      | Pcs             | 246  |
| GW15594  | 1        | 8034035091131 | Inner box      | Pcs             | 236  |
| GW15601  | 1        | 8034035076312 | Inner box      | Pcs             | 245  |
| GW15602  | 1        | 8034035076329 | Inner box      | Pcs             | 245  |
| GW15606  | 1        | 8034035076336 | Inner box      | Pcs             | 246  |
| GW15607  | 1        | 8034035076343 | Inner box      | Pcs             | 246  |
| GW15611  | 1        | 8034035076350 | Inner box      | Pcs             | 246  |
| GW15612  | 1        | 8034035076367 | Inner box      | Pcs             | 246  |
| GW15621  | 1        | 8034035076374 | Inner box      | Pcs             | 244  |
| GW15622  | 1        | 8034035076381 | Inner box      | Pcs             | 244  |
| GW15623  | 1        | 8034035076398 | Inner box      | Pcs             | 244  |
| GW15624  | 1        | 8034035076404 | Inner box      | Pcs             | 244  |
| GW15628  | 1        | 8034035076411 | Inner box      | Pcs             | 244  |
| GW15629  | 1        | 8034035076428 | Inner box      | Pcs             | 244  |
| GW15631  | 1        | 8034035076435 | Inner box      | Pcs             | 244  |
| GW15632  | 1        | 8034035076442 | Inner box      | Pcs             | 244  |
| GW15633  | 1        | 8034035076459 | Inner box      | Pcs             | 244  |
| GW15634  | 1        | 8034035076466 | Inner box      | Pcs             | 244  |
| GW15651  | 1        | 8034035076510 | Inner box      | Pcs             | 245  |
| GW15656  | 1        | 8034035076527 | Inner box      | Pcs             | 245  |
| GW15662  | 1        | 8034035076541 | Inner box      | Pcs             | 245  |
| GW15663  | 1        | 8034035076558 | Inner box      | Pcs             | 245  |
| GW15666  | 1        | 8034035076565 | Inner box      | Pcs             | 245  |
| GW15705  | 1        | 8034035076602 | Inner box      | Pcs             | 246  |
| GW15721  | 1        | 8034035076626 | Inner box      | Pcs             | 237  |

# Quick Reference

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
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| GW15724 | 1        | 8034035076640 | Inner box      | Pcs             | 237  |
| GW15726 | 1        | 8034035076657 | Inner box      | Pcs             | 237  |
| GW15736 | 1        | 8034035076695 | Inner box      | Pcs             | 237  |
| GW15912 | 1        | 8034035076985 | Inner box      | Pcs             | 235  |
| GW15913 | 1        | 8034035076992 | Inner box      | Pcs             | 235  |
| GW15914 | 1        | 8034035077005 | Inner box      | Pcs             | 235  |
| GW15915 | 1        | 8034035077012 | Inner box      | Pcs             | 235  |
| GW15916 | 1        | 8034035077029 | Inner box      | Pcs             | 235  |
| GW15917 | 1        | 8034035077036 | Inner box      | Pcs             | 235  |
| GW15918 | 1        | 8034035077043 | Inner box      | Pcs             | 235  |

## GW 16

|           |   |               |         |     |     |
|-----------|---|---------------|---------|-----|-----|
| GW16001BR | 1 | 8034035100567 | Blister | Pcs | 203 |
| GW16001BS | 1 | 8034035100925 | Blister | Pcs | 204 |
| GW16001CP | 1 | 8034035100819 | Blister | Pcs | 204 |
| GW16001CS | 1 | 8034035100765 | Blister | Pcs | 204 |
| GW16001CY | 1 | 8034035098383 | Blister | Pcs | 202 |
| GW16001DB | 1 | 8034035098345 | Blister | Pcs | 203 |
| GW16001GR | 1 | 8034035099182 | Blister | Pcs | 203 |
| GW16001PW | 1 | 8034035098222 | Blister | Pcs | 202 |
| GW16001SG | 1 | 8034035100710 | Blister | Pcs | 204 |
| GW16001ST | 1 | 8034035100635 | Blister | Pcs | 203 |
| GW16002BR | 1 | 8034035100574 | Blister | Pcs | 203 |
| GW16002CS | 1 | 8034035100772 | Blister | Pcs | 204 |
| GW16002CY | 1 | 8034035098390 | Blister | Pcs | 202 |
| GW16002DB | 1 | 8034035098352 | Blister | Pcs | 203 |
| GW16002DS | 1 | 8034035098314 | Blister | Pcs | 202 |
| GW16002GR | 1 | 8034035099199 | Blister | Pcs | 203 |
| GW16002NB | 1 | 8034035098277 | Blister | Pcs | 202 |
| GW16002PW | 1 | 8034035098239 | Blister | Pcs | 202 |
| GW16002SG | 1 | 8034035100727 | Blister | Pcs | 204 |
| GW16003BR | 1 | 8034035100581 | Blister | Pcs | 203 |
| GW16003BS | 1 | 8034035100949 | Blister | Pcs | 204 |
| GW16003CP | 1 | 8034035100833 | Blister | Pcs | 204 |
| GW16003CS | 1 | 8034035100789 | Blister | Pcs | 204 |
| GW16003CY | 1 | 8034035096686 | Blister | Pcs | 202 |
| GW16003DB | 1 | 8034035096679 | Blister | Pcs | 203 |
| GW16003DS | 1 | 8034035096662 | Blister | Pcs | 202 |
| GW16003GR | 1 | 8034035100604 | Blister | Pcs | 203 |
| GW16003NB | 1 | 8034035096655 | Blister | Pcs | 202 |
| GW16003PW | 1 | 8034035096648 | Blister | Pcs | 202 |
| GW16003SG | 1 | 8034035100734 | Blister | Pcs | 204 |
| GW16003ST | 1 | 8034035100536 | Blister | Pcs | 203 |
| GW16004BR | 1 | 8034035100598 | Blister | Pcs | 203 |
| GW16004BS | 1 | 8034035100956 | Blister | Pcs | 204 |
| GW16004CP | 1 | 8034035100840 | Blister | Pcs | 204 |
| GW16004CS | 1 | 8034035100796 | Blister | Pcs | 204 |
| GW16004CY | 1 | 8034035098406 | Blister | Pcs | 202 |
| GW16004DS | 1 | 8034035098321 | Blister | Pcs | 202 |
| GW16004GR | 1 | 8034035100611 | Blister | Pcs | 203 |
| GW16004NB | 1 | 8034035098284 | Blister | Pcs | 202 |
| GW16004PW | 1 | 8034035098246 | Blister | Pcs | 202 |
| GW16004SG | 1 | 8034035100741 | Blister | Pcs | 204 |
| GW16004ST | 1 | 8034035100543 | Blister | Pcs | 203 |
| GW16007BR | 1 | 8034035100703 | Blister | Pcs | 203 |
| GW16007BS | 1 | 8034035100963 | Blister | Pcs | 204 |
| GW16007CP | 1 | 8034035100857 | Blister | Pcs | 204 |
| GW16007CS | 1 | 8034035100802 | Blister | Pcs | 204 |
| GW16007CY | 1 | 8034035098413 | Blister | Pcs | 202 |
| GW16007DB | 1 | 8034035098376 | Blister | Pcs | 203 |
| GW16007DS | 1 | 8034035098338 | Blister | Pcs | 202 |
| GW16007GR | 1 | 8034035100628 | Blister | Pcs | 203 |
| GW16007NB | 1 | 8034035098291 | Blister | Pcs | 202 |
| GW16007PW | 1 | 8034035098253 | Blister | Pcs | 202 |
| GW16007SG | 1 | 8034035100758 | Blister | Pcs | 204 |
| GW16007ST | 1 | 8034035100550 | Blister | Pcs | 203 |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
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| GW16022BR | 1        | 8034035104763 | Blister        | Pcs             | 185  |
| GW16022BS | 1        | 8034035104770 | Blister        | Pcs             | 186  |
| GW16022CP | 1        | 8034035104831 | Blister        | Pcs             | 186  |
| GW16022CS | 1        | 8034035104848 | Blister        | Pcs             | 185  |
| GW16022CY | 1        | 8034035104749 | Blister        | Pcs             | 184  |
| GW16022DB | 1        | 8034035104817 | Blister        | Pcs             | 185  |
| GW16022DS | 1        | 8034035104787 | Blister        | Pcs             | 184  |
| GW16022GR | 1        | 8034035104794 | Blister        | Pcs             | 185  |
| GW16022NB | 1        | 8034035104800 | Blister        | Pcs             | 184  |
| GW16022PW | 1        | 8034035104756 | Blister        | Pcs             | 184  |
| GW16022SG | 1        | 8034035104824 | Blister        | Pcs             | 186  |
| GW16022ST | 1        | 8034035104732 | Blister        | Pcs             | 185  |
| GW16023BR | 1        | 8034035104527 | Blister        | Pcs             | 185  |
| GW16023BS | 1        | 8034035104534 | Blister        | Pcs             | 186  |
| GW16023CP | 1        | 8034035104596 | Blister        | Pcs             | 186  |
| GW16023CS | 1        | 8034035104602 | Blister        | Pcs             | 185  |
| GW16023CY | 1        | 8034035104503 | Blister        | Pcs             | 184  |
| GW16023DB | 1        | 8034035104572 | Blister        | Pcs             | 185  |
| GW16023DS | 1        | 8034035104541 | Blister        | Pcs             | 184  |
| GW16023GR | 1        | 8034035104558 | Blister        | Pcs             | 185  |
| GW16023NB | 1        | 8034035104565 | Blister        | Pcs             | 184  |
| GW16023PW | 1        | 8034035104510 | Blister        | Pcs             | 184  |
| GW16023SG | 1        | 8034035104589 | Blister        | Pcs             | 186  |
| GW16023ST | 1        | 8034035104497 | Blister        | Pcs             | 185  |
| GW16024BR | 1        | 8034035104640 | Blister        | Pcs             | 185  |
| GW16024BS | 1        | 8034035104657 | Blister        | Pcs             | 186  |
| GW16024CP | 1        | 8034035104718 | Blister        | Pcs             | 186  |
| GW16024CS | 1        | 8034035104725 | Blister        | Pcs             | 185  |
| GW16024CY | 1        | 8034035104626 | Blister        | Pcs             | 184  |
| GW16024DB | 1        | 8034035104695 | Blister        | Pcs             | 185  |
| GW16024DS | 1        | 8034035104664 | Blister        | Pcs             | 184  |
| GW16024GR | 1        | 8034035104671 | Blister        | Pcs             | 185  |
| GW16024NB | 1        | 8034035104688 | Blister        | Pcs             | 184  |
| GW16024PW | 1        | 8034035104633 | Blister        | Pcs             | 184  |
| GW16024SG | 1        | 8034035104701 | Blister        | Pcs             | 186  |
| GW16024ST | 1        | 8034035104619 | Blister        | Pcs             | 185  |
| GW16026BR | 1        | 8034035104404 | Blister        | Pcs             | 185  |
| GW16026BS | 1        | 8034035104411 | Blister        | Pcs             | 186  |
| GW16026CP | 1        | 8034035104473 | Blister        | Pcs             | 186  |
| GW16026CS | 1        | 8034035104480 | Blister        | Pcs             | 185  |
| GW16026CY | 1        | 8034035103988 | Blister        | Pcs             | 184  |
| GW16026DB | 1        | 8034035104459 | Blister        | Pcs             | 185  |
| GW16026DS | 1        | 8034035104428 | Blister        | Pcs             | 184  |
| GW16026GR | 1        | 8034035104435 | Blister        | Pcs             | 185  |
| GW16026NB | 1        | 8034035104442 | Blister        | Pcs             | 184  |
| GW16026PW | 1        | 8034035103995 | Blister        | Pcs             | 184  |
| GW16026SG | 1        | 8034035104466 | Blister        | Pcs             | 186  |
| GW16026ST | 1        | 8034035103971 | Blister        | Pcs             | 185  |
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| GW16101TC | 1        | 8011564806740 | Blister        | Pcs             | 194  |
| GW16101TI | 1        | 8011564806733 | Blister        | Pcs             | 194  |
| GW16101TN | 1        | 8011564806726 | Blister        | Pcs             | 194  |
| GW16101VD | 1        | 8034035095924 | Blister        | Pcs             | 195  |
| GW16101VL | 1        | 8034035081651 | Blister        | Pcs             | 195  |
| GW16101VN | 1        | 8034035051401 | Blister        | Pcs             | 195  |
| GW16101VO | 1        | 8034035096389 | Blister        | Pcs             | 196  |
| GW16101VT | 1        | 8011564806757 | Blister        | Pcs             | 195  |
| GW16101VW | 1        | 8034035081682 | Blister        | Pcs             | 195  |
| GW16101VX | 1        | 8034035096372 | Blister        | Pcs             | 196  |
| GW16101VZ | 1        | 8034035095917 | Blister        | Pcs             | 196  |
| GW16102TB | 1        | 8011564271111 | Blister        | Pcs             | 194  |
| GW16102TC | 1        | 8011564766914 | Blister        | Pcs             | 194  |
| GW16102TI | 1        | 8011564766877 | Blister        | Pcs             | 194  |
| GW16102TN | 1        | 8011564271173 | Blister        | Pcs             | 194  |
| GW16102VD | 1        | 8034035095931 | Blister        | Pcs             | 195  |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW16102VL | 1        | 8034035081705 | Blister        | Pcs             | 195  |
| GW16102VN | 1        | 8034035051418 | Blister        | Pcs             | 195  |
| GW16102VO | 1        | 8034035096402 | Blister        | Pcs             | 196  |
| GW16102VT | 1        | 8011564271234 | Blister        | Pcs             | 195  |
| GW16102VW | 1        | 8034035081712 | Blister        | Pcs             | 195  |
| GW16102VX | 1        | 8034035096396 | Blister        | Pcs             | 196  |
| GW16102VZ | 1        | 8011564271531 | Blister        | Pcs             | 196  |
| GW16103TB | 1        | 8011564271128 | Blister        | Pcs             | 194  |
| GW16103TC | 1        | 8011564766921 | Blister        | Pcs             | 194  |
| GW16103TI | 1        | 8011564766884 | Blister        | Pcs             | 194  |
| GW16103TN | 1        | 8011564271180 | Blister        | Pcs             | 194  |
| GW16103VD | 1        | 8034035095948 | Blister        | Pcs             | 195  |
| GW16103VL | 1        | 8034035081057 | Blister        | Pcs             | 195  |
| GW16103VN | 1        | 8011564841451 | Blister        | Pcs             | 195  |
| GW16103VO | 1        | 8034035096426 | Blister        | Pcs             | 196  |
| GW16103VT | 1        | 8011564271241 | Blister        | Pcs             | 195  |
| GW16103VW | 1        | 8034035081736 | Blister        | Pcs             | 195  |
| GW16103VX | 1        | 8034035096419 | Blister        | Pcs             | 196  |
| GW16103VZ | 1        | 8011564271548 | Blister        | Pcs             | 196  |
| GW16104TB | 1        | 8011564271135 | Blister        | Pcs             | 194  |
| GW16104TC | 1        | 8011564766938 | Blister        | Pcs             | 194  |
| GW16104TI | 1        | 8011564766891 | Blister        | Pcs             | 194  |
| GW16104TN | 1        | 8011564271197 | Blister        | Pcs             | 194  |
| GW16104VD | 1        | 8034035095955 | Blister        | Pcs             | 195  |
| GW16104VL | 1        | 8034035081750 | Blister        | Pcs             | 195  |
| GW16104VN | 1        | 8011564841468 | Blister        | Pcs             | 195  |
| GW16104VO | 1        | 8034035096440 | Blister        | Pcs             | 196  |
| GW16104VT | 1        | 8011564271258 | Blister        | Pcs             | 195  |
| GW16104VW | 1        | 8034035081767 | Blister        | Pcs             | 195  |
| GW16104VX | 1        | 8034035096433 | Blister        | Pcs             | 196  |
| GW16104VZ | 1        | 8011564271555 | Blister        | Pcs             | 196  |
| GW16106TB | 1        | 8011564271142 | Blister        | Pcs             | 194  |
| GW16106TC | 1        | 8011564766945 | Blister        | Pcs             | 194  |
| GW16106TI | 1        | 8011564766907 | Blister        | Pcs             | 194  |
| GW16106TN | 1        | 8011564271203 | Blister        | Pcs             | 194  |
| GW16106VD | 1        | 8034035095962 | Blister        | Pcs             | 195  |
| GW16106VL | 1        | 8034035081781 | Blister        | Pcs             | 195  |
| GW16106VN | 1        | 8011564841475 | Blister        | Pcs             | 195  |
| GW16106VO | 1        | 8034035096464 | Blister        | Pcs             | 196  |
| GW16106VT | 1        | 8011564271265 | Blister        | Pcs             | 195  |
| GW16106VW | 1        | 8034035081798 | Blister        | Pcs             | 195  |
| GW16106VX | 1        | 8034035096457 | Blister        | Pcs             | 196  |
| GW16106VZ | 1        | 8011564271562 | Blister        | Pcs             | 196  |
| GW16108TB | 1        | 8011564271159 | Blister        | Pcs             | 194  |
| GW16108VL | 1        | 8034035081811 | Blister        | Pcs             | 195  |
| GW16108VN | 1        | 8034035083518 | Blister        | Pcs             | 195  |
| GW16108VT | 1        | 8011564271272 | Blister        | Pcs             | 195  |
| GW16108VW | 1        | 8034035081828 | Blister        | Pcs             | 195  |
| GW16109TB | 1        | 8034035099205 | Blister        | Pcs             | 194  |
| GW16112TB | 1        | 8011564271166 | Blister        | Pcs             | 194  |
| GW16112VL | 1        | 8034035081842 | Blister        | Pcs             | 195  |
| GW16112VN | 1        | 8034035083525 | Blister        | Pcs             | 195  |
| GW16112VT | 1        | 8011564271289 | Blister        | Pcs             | 195  |
| GW16112VW | 1        | 8034035081859 | Blister        | Pcs             | 195  |
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| GW16122TC | 1        | 8011564767034 | Blister        | Pcs             | 176  |
| GW16122TI | 1        | 8011564766952 | Blister        | Pcs             | 176  |
| GW16122TN | 1        | 8011564271913 | Blister        | Pcs             | 176  |
| GW16122VD | 1        | 8034035101465 | Blister        | Pcs             | 178  |
| GW16122VL | 1        | 8034035101472 | Blister        | Pcs             | 177  |
| GW16122VN | 1        | 8034035051067 | Blister        | Pcs             | 177  |
| GW16122VO | 1        | 8034035101489 | Blister        | Pcs             | 178  |
| GW16122VT | 1        | 8011564271975 | Blister        | Pcs             | 177  |
| GW16122VW | 1        | 8034035101496 | Blister        | Pcs             | 177  |
| GW16122VX | 1        | 8034035101700 | Blister        | Pcs             | 178  |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
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| GW16123TC | 1        | 8011564767041 | Blister        | Pcs             | 176  |
| GW16123TI | 1        | 8011564766969 | Blister        | Pcs             | 176  |
| GW16123TN | 1        | 8011564271920 | Blister        | Pcs             | 176  |
| GW16123VD | 1        | 8034035101717 | Blister        | Pcs             | 178  |
| GW16123VL | 1        | 8034035101724 | Blister        | Pcs             | 177  |
| GW16123VN | 1        | 8034035051074 | Blister        | Pcs             | 177  |
| GW16123VO | 1        | 8034035101748 | Blister        | Pcs             | 178  |
| GW16123VT | 1        | 8011564271982 | Blister        | Pcs             | 177  |
| GW16123VW | 1        | 8034035101731 | Blister        | Pcs             | 177  |
| GW16123VX | 1        | 8034035101755 | Blister        | Pcs             | 178  |
| GW16123VZ | 1        | 8011564272347 | Blister        | Pcs             | 178  |
| GW16124TB | 1        | 8011564271876 | Blister        | Pcs             | 176  |
| GW16124TC | 1        | 8011564767058 | Blister        | Pcs             | 176  |
| GW16124TI | 1        | 8011564766976 | Blister        | Pcs             | 176  |
| GW16124TN | 1        | 8011564271937 | Blister        | Pcs             | 176  |
| GW16124VD | 1        | 8034035101762 | Blister        | Pcs             | 178  |
| GW16124VL | 1        | 8034035101779 | Blister        | Pcs             | 177  |
| GW16124VN | 1        | 8034035051081 | Blister        | Pcs             | 177  |
| GW16124VO | 1        | 8034035101786 | Blister        | Pcs             | 178  |
| GW16124VT | 1        | 8011564271999 | Blister        | Pcs             | 177  |
| GW16124VW | 1        | 8034035101793 | Blister        | Pcs             | 177  |
| GW16124VX | 1        | 8034035101809 | Blister        | Pcs             | 178  |
| GW16124VZ | 1        | 8011564272354 | Blister        | Pcs             | 178  |
| GW16126TB | 1        | 8011564271890 | Blister        | Pcs             | 176  |
| GW16126TC | 1        | 8011564767072 | Blister        | Pcs             | 176  |
| GW16126TI | 1        | 8011564766990 | Blister        | Pcs             | 176  |
| GW16126TN | 1        | 8011564271951 | Blister        | Pcs             | 176  |
| GW16126VD | 1        | 8034035101861 | Blister        | Pcs             | 178  |
| GW16126VL | 1        | 8034035101878 | Blister        | Pcs             | 177  |
| GW16126VN | 1        | 8034035051098 | Blister        | Pcs             | 177  |
| GW16126VO | 1        | 8034035101892 | Blister        | Pcs             | 178  |
| GW16126VT | 1        | 8011564272019 | Blister        | Pcs             | 177  |
| GW16126VW | 1        | 8034035101885 | Blister        | Pcs             | 177  |
| GW16126VX | 1        | 8034035101908 | Blister        | Pcs             | 178  |
| GW16126VZ | 1        | 8011564272378 | Blister        | Pcs             | 178  |
| GW16127TB | 1        | 8011564271906 | Blister        | Pcs             | 176  |
| GW16127TC | 1        | 8011564767089 | Blister        | Pcs             | 176  |
| GW16127TI | 1        | 8011564767003 | Blister        | Pcs             | 176  |
| GW16127TN | 1        | 8011564271968 | Blister        | Pcs             | 176  |
| GW16127VD | 1        | 8034035101816 | Blister        | Pcs             | 178  |
| GW16127VL | 1        | 8034035101823 | Blister        | Pcs             | 177  |
| GW16127VN | 1        | 8034035051807 | Blister        | Pcs             | 177  |
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| GW16127VT | 1        | 8011564272026 | Blister        | Pcs             | 177  |
| GW16127VW | 1        | 8034035101830 | Blister        | Pcs             | 177  |
| GW16127VX | 1        | 8034035101854 | Blister        | Pcs             | 178  |
| GW16127VZ | 1        | 8011564272385 | Blister        | Pcs             | 178  |
| GW16128TB | 1        | 8011564293793 | Blister        | Pcs             | 176  |
| GW16128TC | 1        | 8011564767096 | Blister        | Pcs             | 176  |
| GW16128TI | 1        | 8011564767010 | Blister        | Pcs             | 176  |
| GW16128TN | 1        | 8011564293809 | Blister        | Pcs             | 176  |
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| GW16128VL | 1        | 8034035101984 | Blister        | Pcs             | 177  |
| GW16128VN | 1        | 8034035051814 | Blister        | Pcs             | 177  |
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| GW16128VX | 1        | 8034035102011 | Blister        | Pcs             | 178  |
| GW16128VZ | 1        | 8034035102028 | Blister        | Pcs             | 178  |
| GW16129TB | 1        | 8011564294011 | Blister        | Pcs             | 176  |
| GW16129TC | 1        | 8011564767102 | Blister        | Pcs             | 176  |
| GW16129TI | 1        | 8011564767027 | Blister        | Pcs             | 176  |
| GW16129TN | 1        | 8011564294028 | Blister        | Pcs             | 176  |

# Quick Reference

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
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| GW16202XS | 1        | 8034035092992 | Inner box      | Pcs             | 209  |
| GW16202XV | 1        | 8034035092794 | Inner box      | Pcs             | 208  |
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| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
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| GW16206XV | 1        | 8034035093326 | Inner box      | Pcs             | 208  |
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| GW16222VA | 1        | 8011564273535 | Inner box      | Pcs             | 189  |
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| GW16222WS | 1        | 8034035103698 | Inner box      | Pcs             | 191  |
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| GW16222XL | 1        | 8034035103353 | Inner box      | Pcs             | 190  |
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| GW16223VT | 1        | 8011564273481 | Inner box      | Pcs             | 189  |
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| GW16223YB | 1        | 8011564834552 | Inner box      | Pcs             | 188  |
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| GW16226XM | 1        | 8034035103919 | Inner box      | Pcs             | 190  |
| GW16226XQ | 1        | 8034035104152 | Inner box      | Pcs             | 192  |
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| GW16226YA | 1        | 8034035103612 | Inner box      | Pcs             | 189  |
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| GW16226YT | 1        | 8034035103605 | Inner box      | Pcs             | 189  |
| GW16227TB | 1        | 8011564273405 | Inner box      | Pcs             | 188  |
| GW16227TN | 1        | 8011564273467 | Inner box      | Pcs             | 188  |
| GW16227VA | 1        | 8011564273580 | Inner box      | Pcs             | 189  |
| GW16227VT | 1        | 8011564273528 | Inner box      | Pcs             | 189  |
| GW16227WS | 1        | 8034035104091 | Inner box      | Pcs             | 191  |
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| GW16227XM | 1        | 8034035103902 | Inner box      | Pcs             | 190  |
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| GW16227YB | 1        | 8011564834590 | Inner box      | Pcs             | 188  |
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| GW16228TB | 1        | 8011564294226 | Inner box      | Pcs             | 188  |
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| GW16402VD | 1        | 8034035096006 | Blister        | Pcs             | 200  |
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| GW16402VN | 1        | 8034035027802 | Blister        | Pcs             | 199  |
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| GW16403TN | 1        | 8011564742956 | Blister        | Pcs             | 198  |
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| GW16404TN | 1        | 8011564743021 | Blister        | Pcs             | 198  |
| GW16404VD | 1        | 8034035096044 | Blister        | Pcs             | 200  |
| GW16404VL | 1        | 8034035070488 | Blister        | Pcs             | 199  |
| GW16404VN | 1        | 8011564840928 | Blister        | Pcs             | 199  |
| GW16404VO | 1        | 8034035096181 | Blister        | Pcs             | 200  |
| GW16404VT | 1        | 8011564743052 | Blister        | Pcs             | 199  |
| GW16404VW | 1        | 8034035070495 | Blister        | Pcs             | 199  |
| GW16404VX | 1        | 8034035096174 | Blister        | Pcs             | 200  |
| GW16404VZ | 1        | 8034035096037 | Blister        | Pcs             | 200  |
| GW16406TB | 1        | 8011564743083 | Blister        | Pcs             | 198  |
| GW16406TC | 1        | 8011564767188 | Blister        | Pcs             | 198  |
| GW16406TI | 1        | 8011564767140 | Blister        | Pcs             | 198  |
| GW16406TN | 1        | 8011564743090 | Blister        | Pcs             | 198  |
| GW16406VD | 1        | 8034035096068 | Blister        | Pcs             | 200  |
| GW16406VL | 1        | 8034035070501 | Blister        | Pcs             | 199  |
| GW16406VO | 1        | 8011564840935 | Blister        | Pcs             | 199  |
| GW16406VO | 1        | 8034035096709 | Blister        | Pcs             | 200  |
| GW16406VT | 1        | 8011564743120 | Blister        | Pcs             | 199  |
| GW16406VW | 1        | 8034035070518 | Blister        | Pcs             | 199  |
| GW16406VX | 1        | 8034035096198 | Blister        | Pcs             | 200  |
| GW16406VZ | 1        | 8034035096051 | Blister        | Pcs             | 200  |
| GW16422TB | 1        | 8011564767218 | Blister        | Pcs             | 180  |
| GW16422TC | 1        | 8011564767225 | Blister        | Pcs             | 180  |
| GW16422TI | 1        | 8011564767232 | Blister        | Pcs             | 180  |
| GW16422TN | 1        | 8011564767249 | Blister        | Pcs             | 180  |
| GW16422VD | 1        | 8034035102769 | Blister        | Pcs             | 182  |
| GW16422VL | 1        | 8034035102905 | Blister        | Pcs             | 181  |
| GW16422VN | 1        | 8011564874145 | Blister        | Pcs             | 181  |
| GW16422VO | 1        | 8034035102912 | Blister        | Pcs             | 182  |
| GW16422VT | 1        | 8011564767287 | Blister        | Pcs             | 181  |
| GW16422VW | 1        | 8034035102929 | Blister        | Pcs             | 181  |
| GW16422VX | 1        | 8034035102936 | Blister        | Pcs             | 182  |
| GW16422VZ | 1        | 8034035102943 | Blister        | Pcs             | 182  |
| GW16423TB | 1        | 8011564767317 | Blister        | Pcs             | 180  |
| GW16423TC | 1        | 8011564767324 | Blister        | Pcs             | 180  |
| GW16423TI | 1        | 8011564767331 | Blister        | Pcs             | 180  |
| GW16423TN | 1        | 8011564767348 | Blister        | Pcs             | 180  |

# Quick Reference

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW16423VD | 1        | 8034035103018 | Blister          | Pcs             | 182  |
| GW16423VL | 1        | 8034035103025 | Blister          | Pcs             | 181  |
| GW16423VN | 1        | 8011564874121 | Blister          | Pcs             | 181  |
| GW16423VO | 1        | 8034035103032 | Blister          | Pcs             | 182  |
| GW16423VT | 1        | 8011564767386 | Blister          | Pcs             | 181  |
| GW16423VW | 1        | 8034035103049 | Blister          | Pcs             | 181  |
| GW16423VX | 1        | 8034035103056 | Blister          | Pcs             | 182  |
| GW16423VZ | 1        | 8034035103063 | Blister          | Pcs             | 182  |
| GW16424TB | 1        | 8011564767416 | Blister          | Pcs             | 180  |
| GW16424TC | 1        | 8011564767423 | Blister          | Pcs             | 180  |
| GW16424TI | 1        | 8011564767430 | Blister          | Pcs             | 180  |
| GW16424TN | 1        | 8011564767447 | Blister          | Pcs             | 180  |
| GW16424VD | 1        | 8034035102950 | Blister          | Pcs             | 182  |
| GW16424VL | 1        | 8034035102967 | Blister          | Pcs             | 181  |
| GW16424VN | 1        | 8034035051838 | Blister          | Pcs             | 181  |
| GW16424VO | 1        | 8034035102974 | Blister          | Pcs             | 182  |
| GW16424VT | 1        | 8011564767485 | Blister          | Pcs             | 181  |
| GW16424VW | 1        | 8034035102981 | Blister          | Pcs             | 181  |
| GW16424VX | 1        | 8034035102998 | Blister          | Pcs             | 182  |
| GW16424VZ | 1        | 8034035103001 | Blister          | Pcs             | 182  |
| GW16426TB | 1        | 8011564767614 | Blister          | Pcs             | 180  |
| GW16426TC | 1        | 8011564767621 | Blister          | Pcs             | 180  |
| GW16426TI | 1        | 8011564767638 | Blister          | Pcs             | 180  |
| GW16426TN | 1        | 8011564767645 | Blister          | Pcs             | 180  |
| GW16426VD | 1        | 8034035103131 | Blister          | Pcs             | 182  |
| GW16426VL | 1        | 8034035103148 | Blister          | Pcs             | 181  |
| GW16426VN | 1        | 8011564874138 | Blister          | Pcs             | 181  |
| GW16426VO | 1        | 8034035103155 | Blister          | Pcs             | 182  |
| GW16426VT | 1        | 8011564767683 | Blister          | Pcs             | 181  |
| GW16426VW | 1        | 8034035103162 | Blister          | Pcs             | 181  |
| GW16426VX | 1        | 8034035103179 | Blister          | Pcs             | 182  |
| GW16426VZ | 1        | 8034035103186 | Blister          | Pcs             | 182  |
| GW16427TB | 1        | 8011564767713 | Blister          | Pcs             | 180  |
| GW16427TC | 1        | 8011564767720 | Blister          | Pcs             | 180  |
| GW16427TI | 1        | 8011564767737 | Blister          | Pcs             | 180  |
| GW16427TN | 1        | 8011564767744 | Blister          | Pcs             | 180  |
| GW16427VD | 1        | 8034035103070 | Blister          | Pcs             | 182  |
| GW16427VL | 1        | 8034035103087 | Blister          | Pcs             | 181  |
| GW16427VN | 1        | 8034035051845 | Blister          | Pcs             | 181  |
| GW16427VO | 1        | 8034035103094 | Blister          | Pcs             | 182  |
| GW16427VT | 1        | 8011564767782 | Blister          | Pcs             | 181  |
| GW16427VW | 1        | 8034035103100 | Blister          | Pcs             | 181  |
| GW16427VX | 1        | 8034035103117 | Blister          | Pcs             | 182  |
| GW16427VZ | 1        | 8034035103124 | Blister          | Pcs             | 182  |
| GW16504   | 1        | 8011564279315 | Heat shrink film | Pcs             | 214  |
| GW16514   | 1        | 8011564279322 | Heat shrink film | Pcs             | 214  |
| GW16702TB | 1        | 8011564275065 | Blister          | Pcs             | 212  |
| GW16702TN | 1        | 8011564275072 | Blister          | Pcs             | 212  |
| GW16702VT | 1        | 8011564762749 | Blister          | Pcs             | 212  |
| GW16703TB | 1        | 8011564275089 | Blister          | Pcs             | 212  |
| GW16703TN | 1        | 8011564275096 | Blister          | Pcs             | 212  |
| GW16703VT | 1        | 8011564762756 | Blister          | Pcs             | 212  |
| GW16704TB | 1        | 8011564275102 | Blister          | Pcs             | 212  |
| GW16704TN | 1        | 8011564275317 | Blister          | Pcs             | 212  |
| GW16704VT | 1        | 8011564762763 | Blister          | Pcs             | 212  |
| GW16711TB | 1        | 8011564275324 | Blister          | Pcs             | 212  |
| GW16711TN | 1        | 8011564275331 | Blister          | Pcs             | 212  |
| GW16711VT | 1        | 8011564275348 | Blister          | Pcs             | 212  |
| GW16712TB | 1        | 8011564275355 | Blister          | Pcs             | 212  |
| GW16712TN | 1        | 8011564275362 | Blister          | Pcs             | 212  |
| GW16712VT | 1        | 8011564275379 | Blister          | Pcs             | 212  |
| GW16723TB | 1        | 8011564275386 | Blister          | Pcs             | 213  |
| GW16723TN | 1        | 8011564275393 | Blister          | Pcs             | 213  |
| GW16724TB | 1        | 8011564275409 | Blister          | Pcs             | 213  |
| GW16724TN | 1        | 8011564275416 | Blister          | Pcs             | 213  |

| Code        | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-------------|----------|---------------|------------------|-----------------|------|
| GW16743     | 3        | 8011564626294 | Heat shrink film | Pcs             | 86   |
| GW16744     | 1        | 8011564279339 | Heat shrink film | Pcs             | 213  |
| GW16744     | 1        | 8011564279339 | Heat shrink film | Pcs             | 86   |
| GW16752     | 1        | 8011564279346 | Heat shrink film | Pcs             | 213  |
| GW16752     | 1        | 8011564279346 | Heat shrink film | Pcs             | 86   |
| GW16753     | 1        | 8011564279353 | Bag              | Pcs             | 213  |
| GW16753     | 1        | 8011564279353 | Bag              | Pcs             | 86   |
| GW16754     | 1        | 8011564279360 | Bag              | Pcs             | 213  |
| GW16754     | 1        | 8011564279360 | Bag              | Pcs             | 86   |
| GW16773     | 3        | 8011564626317 | Heat shrink film | Pcs             | 86   |
| GW16774     | 1        | 8011564279377 | Heat shrink film | Pcs             | 213  |
| GW16774     | 1        | 8011564279377 | Heat shrink film | Pcs             | 86   |
| GW16782     | 1        | 8011564279384 | Heat shrink film | Pcs             | 213  |
| GW16782     | 1        | 8011564279384 | Heat shrink film | Pcs             | 86   |
| GW16783     | 1        | 8011564279407 | Bag              | Pcs             | 213  |
| GW16783     | 1        | 8011564279407 | Bag              | Pcs             | 86   |
| GW16784     | 1        | 8011564279414 | Bag              | Pcs             | 213  |
| GW16784     | 1        | 8011564279414 | Bag              | Pcs             | 86   |
| GW16802DY01 | 1        | 8034035137891 | Blister          | Pcs             | 215  |
| GW16803DY01 | 1        | 8034035137907 | Blister          | Pcs             | 215  |
| GW16804DY01 | 1        | 8034035137914 | Blister          | Pcs             | 215  |
| GW16806DY01 | 1        | 8034035137921 | Blister          | Pcs             | 215  |
| GW16821DY01 | 1        | 8034035137938 | Blister          | Pcs             | 215  |
| GW16821N    | 20       | 8034035480218 | Bag              | Pcs             | 215  |
| GW16822DY   | 1        | 8034035057021 | Heat shrink film | Pcs             | 215  |
| GW16822N    | 20       | 8034035469381 | Bag              | Pcs             | 215  |
| GW16856     | 1        | 8011564279438 | Bag              | Pcs             | 213  |
| GW16866     | 1        | 8011564279445 | Bag              | Pcs             | 213  |

## GW 20

|             |   |               |                  |     |     |
|-------------|---|---------------|------------------|-----|-----|
| GW20005     | 1 | 8011564000056 | Inner box        | Pcs | 316 |
| GW20008     | 1 | 8011564000094 | Inner box        | Pcs | 316 |
| GW20024     | 1 | 8011564000346 | Inner box        | Pcs | 317 |
| GW20056DY   | 1 | 8034035014574 | Heat shrink film | Pcs | 318 |
| GW20056DY01 | 1 | 8034035137990 | Heat shrink film | Pcs | 318 |
| GW20071     | 1 | 8011564025363 | Inner box        | Pcs | 318 |
| GW20072     | 1 | 8011564025370 | Inner box        | Pcs | 318 |
| GW20073     | 1 | 8011564025943 | Inner box        | Pcs | 318 |
| GW20074     | 1 | 8011564184848 | Inner box        | Pcs | 318 |
| GW20076     | 1 | 8011564184824 | Inner box        | Pcs | 319 |
| GW20201CO   | 1 | 8011564250628 | Blister          | Pcs | 319 |
| GW20208     | 1 | 8011564000605 | Inner box        | Pcs | 320 |
| GW20209     | 1 | 8011564000612 | Inner box        | Pcs | 320 |
| GW20212CO   | 1 | 8011564280793 | Blister          | Pcs | 320 |
| GW20216     | 1 | 8011564000698 | Inner box        | Pcs | 320 |
| GW20228DY   | 1 | 8034035137600 | Blister          | Pcs | 322 |
| GW20229DY   | 1 | 8034035137617 | Blister          | Pcs | 322 |
| GW20230     | 1 | 8011564000834 | Inner box        | Pcs | 322 |
| GW20234     | 1 | 8011564000766 | Inner box        | Pcs | 322 |
| GW20235     | 1 | 8011564000773 | Inner box        | Pcs | 323 |
| GW20238     | 1 | 8011564000803 | Inner box        | Pcs | 324 |
| GW20239     | 1 | 8011564000711 | Inner box        | Pcs | 322 |
| GW20241     | 1 | 8011564000735 | Inner box        | Pcs | 322 |
| GW20243     | 1 | 8011564038509 | Inner box        | Pcs | 323 |
| GW20246DY   | 1 | 8034035014604 | Heat shrink film | Pcs | 319 |
| GW20248     | 1 | 8011564025998 | Inner box        | Pcs | 320 |
| GW20251     | 1 | 8011564026025 | Inner box        | Pcs | 323 |
| GW20265CO   | 1 | 8011564250642 | Blister          | Pcs | 320 |
| GW20265DY01 | 1 | 8034035138010 | Heat shrink film | Pcs | 320 |
| GW20270     | 1 | 8011564071872 | Inner box        | Pcs | 324 |
| GW20271DY   | 1 | 8034035137624 | Blister          | Pcs | 323 |
| GW20272     | 1 | 8011564123847 | Inner box        | Pcs | 323 |
| GW20276     | 1 | 8011564822061 | Inner box        | Pcs | 322 |
| GW20291     | 1 | 8011564054721 | Inner box        | Pcs | 319 |
| GW20295DY   | 1 | 8034035069000 | Heat shrink film | Pcs | 321 |
| GW20295DY   | 1 | 8034035069000 | Heat shrink film | Pcs | 339 |

| Code         | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|--------------|----------|---------------|------------------|-----------------|------|
| GW20296DY    | 1        | 8034035014611 | Heat shrink film | Pcs             | 321  |
| GW20296DY    | 1        | 8034035014611 | Heat shrink film | Pcs             | 339  |
| GW20356      | 1        | 8011564222250 | Inner box        | Pcs             | 321  |
| GW20357      | 1        | 8011564222236 | Inner box        | Pcs             | 321  |
| GW20363      | 1        | 8034035091230 | Inner box        | Pcs             | 324  |
| GW20381      | 1        | 8011564078871 | Inner box        | Pcs             | 322  |
| GW20382      | 1        | 8011564078888 | Inner box        | Pcs             | 322  |
| GW20386      | 1        | 8011564078925 | Inner box        | Pcs             | 322  |
| GW20391      | 1        | 8011564078932 | Inner box        | Pcs             | 321  |
| GW20392      | 1        | 8011564078949 | Inner box        | Pcs             | 322  |
| GW20396      | 1        | 8011564078987 | Inner box        | Pcs             | 321  |
| GW20423      | 1        | 8011564026049 | Inner box        | Pcs             | 325  |
| GW20431      | 1        | 8011564079632 | Inner box        | Pcs             | 325  |
| GW20432      | 1        | 8011564079649 | Inner box        | Pcs             | 325  |
| GW20433      | 1        | 8011564079656 | Inner box        | Pcs             | 325  |
| GW20434      | 1        | 8011564079663 | Inner box        | Pcs             | 325  |
| GW20435      | 1        | 8011564079670 | Inner box        | Pcs             | 325  |
| GW20436      | 1        | 8011564079687 | Inner box        | Pcs             | 325  |
| GW20437      | 1        | 8011564079694 | Inner box        | Pcs             | 325  |
| GW20438      | 1        | 8011564079700 | Inner box        | Pcs             | 325  |
| GW20439      | 1        | 8011564079717 | Inner box        | Pcs             | 325  |
| GW20448      | 1        | 8011564113008 | Inner box        | Pcs             | 325  |
| GW20449      | 1        | 8011564113015 | Inner box        | Pcs             | 325  |
| GW20450      | 1        | 8011564113022 | Inner box        | Pcs             | 325  |
| GW20454      | 1        | 8011564126381 | Inner box        | Pcs             | 325  |
| GW20454      | 1        | 8011564126381 | Inner box        | Pcs             | 343  |
| GW20455      | 1        | 8011564126398 | Inner box        | Pcs             | 325  |
| GW20455      | 1        | 8011564126398 | Inner box        | Pcs             | 343  |
| GW20456      | 1        | 8011564126404 | Inner box        | Pcs             | 325  |
| GW20456      | 1        | 8011564126404 | Inner box        | Pcs             | 343  |
| GW20503CO    | 1        | 8011564764804 | Blister          | Pcs             | 316  |
| GW20510CO    | 1        | 8011564250659 | Blister          | Pcs             | 317  |
| GW20512CO    | 1        | 8011564250666 | Blister          | Pcs             | 317  |
| GW20515DY    | 1        | 8034035069017 | Heat shrink film | Pcs             | 317  |
| GW20518      | 1        | 8011564077362 | Inner box        | Pcs             | 317  |
| GW20521DY01  | 1        | 8034035137648 | Blister          | Pcs             | 317  |
| GW20527      | 1        | 8011564184626 | Inner box        | Pcs             | 317  |
| GW20529DY    | 1        | 8034035014659 | Heat shrink film | Pcs             | 317  |
| GW20530      | 1        | 8011564184640 | Inner box        | Pcs             | 317  |
| GW20531      | 1        | 8011564077430 | Inner box        | Pcs             | 317  |
| GW20559DY    | 1        | 8034035014666 | Heat shrink film | Pcs             | 317  |
| GW20571RDY   | 1        | 8034035137761 | Blister          | Pcs             | 316  |
| GW20571RDY01 | 1        | 8034035138027 | Heat shrink film | Pcs             | 316  |
| GW20572DY01  | 1        | 8034035137655 | Blister          | Pcs             | 316  |
| GW20576CO    | 1        | 8011564250680 | Blister          | Pcs             | 316  |
| GW20579CO    | 1        | 8011564280809 | Blister          | Pcs             | 316  |
| GW20579DY    | 1        | 8034035014697 | Heat shrink film | Pcs             | 316  |
| GW20580      | 1        | 8011564184381 | Inner box        | Pcs             | 317  |
| GW20581      | 1        | 8034035089138 | Inner box        | Pcs             | 316  |
| GW20583DY    | 1        | 8034035014703 | Heat shrink film | Pcs             | 316  |
| GW20585      | 1        | 8011564190528 | Inner box        | Pcs             | 316  |
| GW20589DY    | 1        | 8034035137662 | Blister          | Pcs             | 317  |
| GW20591      | 1        | 8011564077379 | Inner box        | Pcs             | 317  |
| GW20601      | 1        | 8011564001053 | Inner box        | Pcs             | 330  |
| GW20601      | 1        | 8011564001053 | Inner box        | Pcs             | 347  |
| GW20602      | 1        | 8011564001046 | Inner box        | Pcs             | 330  |
| GW20602      | 1        | 8011564001046 | Inner box        | Pcs             | 347  |
| GW20603DY    | 1        | 8034035069048 | Heat shrink film | Pcs             | 330  |
| GW20604      | 1        | 8011564000933 | Inner box        | Pcs             | 330  |
| GW20605      | 1        | 8011564000940 | Inner box        | Pcs             | 330  |
| GW20606      | 1        | 8011564000957 | Inner box        | Pcs             | 330  |
| GW20607      | 1        | 8011564001008 | Inner box        | Pcs             | 330  |
| GW20608      | 1        | 8011564001015 | Inner box        | Pcs             | 330  |
| GW20613      | 1        | 8011564001060 | Inner box        | Pcs             | 329  |
| GW20616      | 1        | 8011564001091 | Inner box        | Pcs             | 329  |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW20617   | 1        | 8011564001107 | Inner box      | Pcs             | 329  |
| GW20620   | 1        | 8011564001138 | Inner box      | Pcs             | 329  |
| GW20622   | 1        | 8011564001039 | Inner box      | Pcs             | 331  |
| GW20622   | 1        | 8011564001039 | Inner box      | Pcs             | 348  |
| GW20623   | 1        | 8011564024816 | Inner box      | Pcs             | 330  |
| GW20623   | 1        | 8011564024816 | Inner box      | Pcs             | 347  |
| GW20626   | 1        | 8011564024786 | Inner box      | Pcs             | 330  |
| GW20626   | 1        | 8011564024786 | Inner box      | Pcs             | 347  |
| GW20627   | 1        | 8011564024779 | Inner box      | Pcs             | 330  |
| GW20627   | 1        | 8011564024779 | Inner box      | Pcs             | 347  |
| GW20628   | 1        | 8011564024762 | Inner box      | Pcs             | 330  |
| GW20628   | 1        | 8011564024762 | Inner box      | Pcs             | 347  |
| GW20631   | 1        | 8011564024830 | Inner box      | Pcs             | 330  |
| GW20634   | 1        | 8011564184664 | Inner box      | Pcs             | 330  |
| GW20641   | 1        | 8011564184862 | Inner box      | Pcs             | 329  |
| GW20643   | 1        | 8011564184886 | Inner box      | Pcs             | 329  |
| GW20651   | 1        | 8011564752283 | Inner box      | Pcs             | 331  |
| GW20684   | 1        | 8011564117655 | Inner box      | Pcs             | 323  |
| GW20685   | 1        | 8011564247277 | Inner box      | Pcs             | 323  |
| GW20686DY | 1        | 8034035137679 | Blister        | Pcs             | 323  |
| GW20802   | 1        | 8011564001183 | Inner box      | Pcs             | 326  |
| GW20803DY | 1        | 8034035137686 | Blister        | Pcs             | 326  |
| GW20810   | 1        | 8011564026070 | Inner box      | Pcs             | 326  |
| GW20811   | 1        | 8011564054875 | Inner box      | Pcs             | 326  |
| GW20820   | 1        | 8011564081161 | Inner box      | Pcs             | 331  |
| GW20821   | 1        | 8011564038561 | Inner box      | Pcs             | 318  |
| GW20825   | 1        | 8011564439801 | Inner box      | Pcs             | 326  |
| GW20827   | 1        | 8011564289314 | Inner box      | Pcs             | 327  |
| GW20828   | 1        | 8011564747326 | Inner box      | Pcs             | 326  |
| GW20833   | 1        | 8011564054912 | Inner box      | Pcs             | 328  |
| GW20835   | 1        | 8011564747579 | Inner box      | Pcs             | 328  |
| GW20841   | 1        | 8011564038585 | Inner box      | Pcs             | 331  |
| GW20852   | 1        | 8011564109681 | Inner box      | Pcs             | 327  |
| GW20853   | 1        | 8011564110915 | Inner box      | Pcs             | 327  |

#### GW 21

|           |   |               |                  |     |     |
|-----------|---|---------------|------------------|-----|-----|
| GW21005   | 1 | 8011564127982 | Inner box        | Pcs | 334 |
| GW21008   | 1 | 8011564128026 | Inner box        | Pcs | 334 |
| GW21024   | 1 | 8011564128200 | Inner box        | Pcs | 335 |
| GW21056CO | 1 | 8011564445307 | Blister          | Pcs | 336 |
| GW21071   | 1 | 8011564128309 | Inner box        | Pcs | 336 |
| GW21072   | 1 | 8011564128316 | Inner box        | Pcs | 336 |
| GW21073   | 1 | 8011564128224 | Inner box        | Pcs | 336 |
| GW21074   | 1 | 8011564184831 | Inner box        | Pcs | 337 |
| GW21076   | 1 | 8011564184817 | Inner box        | Pcs | 337 |
| GW21201DY | 1 | 8034035014727 | Heat shrink film | Pcs | 337 |
| GW21203CO | 1 | 8011564444430 | Blister          | Pcs | 337 |
| GW21208   | 1 | 8011564128507 | Inner box        | Pcs | 338 |
| GW21209   | 1 | 8011564128514 | Inner box        | Pcs | 338 |
| GW21212CO | 1 | 8011564445314 | Blister          | Pcs | 338 |
| GW21214   | 1 | 8011564128545 | Inner box        | Pcs | 338 |
| GW21216   | 1 | 8011564128552 | Inner box        | Pcs | 338 |
| GW21228DY | 1 | 8034035137693 | Blister          | Pcs | 340 |
| GW21229DY | 1 | 8034035137709 | Blister          | Pcs | 340 |
| GW21230   | 1 | 8011564128743 | Inner box        | Pcs | 340 |
| GW21234   | 1 | 8011564128774 | Inner box        | Pcs | 340 |
| GW21235   | 1 | 8011564128828 | Inner box        | Pcs | 341 |
| GW21238   | 1 | 8011564129016 | Inner box        | Pcs | 342 |
| GW21239   | 1 | 8011564128767 | Inner box        | Pcs | 340 |
| GW21241   | 1 | 8011564128781 | Inner box        | Pcs | 340 |
| GW21243   | 1 | 8011564128941 | Inner box        | Pcs | 341 |
| GW21246DY | 1 | 8034035014741 | Heat shrink film | Pcs | 337 |
| GW21248   | 1 | 8011564128576 | Inner box        | Pcs | 338 |
| GW21251   | 1 | 8011564128798 | Inner box        | Pcs | 341 |
| GW21265CO | 1 | 8011564445901 | Blister          | Pcs | 338 |
| GW21267   | 1 | 8011564128972 | Inner box        | Pcs | 342 |

# Quick Reference

| Code        | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-------------|----------|---------------|------------------|-----------------|------|
| GW21270     | 1        | 8011564128989 | Inner box        | Pcs             | 342  |
| GW21271DY   | 1        | 8034035137716 | Blister          | Pcs             | 341  |
| GW21272     | 1        | 8011564128835 | Inner box        | Pcs             | 341  |
| GW21291     | 1        | 8011564128439 | Inner box        | Pcs             | 337  |
| GW21356     | 1        | 8011564222267 | Inner box        | Pcs             | 339  |
| GW21357     | 1        | 8011564222229 | Inner box        | Pcs             | 339  |
| GW21381     | 1        | 8011564128675 | Inner box        | Pcs             | 340  |
| GW21382     | 1        | 8011564128699 | Inner box        | Pcs             | 340  |
| GW21386     | 1        | 8011564128682 | Inner box        | Pcs             | 340  |
| GW21391     | 1        | 8011564128613 | Inner box        | Pcs             | 339  |
| GW21392     | 1        | 8011564128637 | Inner box        | Pcs             | 339  |
| GW21396     | 1        | 8011564128620 | Inner box        | Pcs             | 339  |
| GW21401     | 1        | 8011564129306 | Inner box        | Pcs             | 343  |
| GW21423     | 1        | 8011564129313 | Inner box        | Pcs             | 343  |
| GW21431     | 1        | 8011564129115 | Inner box        | Pcs             | 342  |
| GW21432     | 1        | 8011564129122 | Inner box        | Pcs             | 342  |
| GW21433     | 1        | 8011564129139 | Inner box        | Pcs             | 342  |
| GW21434     | 1        | 8011564129146 | Inner box        | Pcs             | 342  |
| GW21435     | 1        | 8011564129153 | Inner box        | Pcs             | 342  |
| GW21436     | 1        | 8011564129160 | Inner box        | Pcs             | 342  |
| GW21437     | 1        | 8011564129207 | Inner box        | Pcs             | 343  |
| GW21438     | 1        | 8011564129214 | Inner box        | Pcs             | 343  |
| GW21439     | 1        | 8011564129221 | Inner box        | Pcs             | 343  |
| GW21448     | 1        | 8011564129238 | Inner box        | Pcs             | 343  |
| GW21449     | 1        | 8011564129245 | Inner box        | Pcs             | 343  |
| GW21450     | 1        | 8011564129252 | Inner box        | Pcs             | 343  |
| GW21503DY   | 1        | 8034035014758 | Heat shrink film | Pcs             | 334  |
| GW21510DY01 | 1        | 8034035137723 | Blister          | Pcs             | 335  |
| GW21512DY   | 1        | 8034035014772 | Heat shrink film | Pcs             | 335  |
| GW21518     | 1        | 8011564128187 | Inner box        | Pcs             | 335  |
| GW21527     | 1        | 8011564184633 | Inner box        | Pcs             | 335  |
| GW21530     | 1        | 8011564184657 | Inner box        | Pcs             | 335  |
| GW21531     | 1        | 8011564128286 | Inner box        | Pcs             | 335  |
| GW21559DY   | 1        | 8034035014789 | Heat shrink film | Pcs             | 335  |
| GW21571CO   | 1        | 8011564445321 | Blister          | Pcs             | 334  |
| GW21572DY   | 1        | 8034035137730 | Blister          | Pcs             | 334  |
| GW21576CO   | 1        | 8011564444423 | Blister          | Pcs             | 334  |
| GW21579CO   | 1        | 8011564445918 | Blister          | Pcs             | 334  |
| GW21580     | 1        | 8011564184398 | Inner box        | Pcs             | 335  |
| GW21583DY   | 1        | 8034035014925 | Heat shrink film | Pcs             | 334  |
| GW21585     | 1        | 8011564190535 | Inner box        | Pcs             | 334  |
| GW21589     | 1        | 8011564184619 | Inner box        | Pcs             | 335  |
| GW21591     | 1        | 8011564128194 | Inner box        | Pcs             | 335  |
| GW21603     | 1        | 8011564129696 | Inner box        | Pcs             | 347  |
| GW21604     | 1        | 8011564129702 | Inner box        | Pcs             | 347  |
| GW21605     | 1        | 8011564129719 | Inner box        | Pcs             | 347  |
| GW21606     | 1        | 8011564129726 | Inner box        | Pcs             | 347  |
| GW21607     | 1        | 8011564129740 | Inner box        | Pcs             | 347  |
| GW21608     | 1        | 8011564129757 | Inner box        | Pcs             | 347  |
| GW21613     | 1        | 8011564129443 | Inner box        | Pcs             | 346  |
| GW21616     | 1        | 8011564129511 | Inner box        | Pcs             | 346  |
| GW21617     | 1        | 8011564129528 | Inner box        | Pcs             | 346  |
| GW21620     | 1        | 8011564129542 | Inner box        | Pcs             | 346  |
| GW21631     | 1        | 8011564129733 | Inner box        | Pcs             | 347  |
| GW21634     | 1        | 8011564184671 | Inner box        | Pcs             | 347  |
| GW21641     | 1        | 8011564184855 | Inner box        | Pcs             | 346  |
| GW21643     | 1        | 8011564184879 | Inner box        | Pcs             | 346  |
| GW21684     | 1        | 8011564128873 | Inner box        | Pcs             | 341  |
| GW21685     | 1        | 8011564247291 | Inner box        | Pcs             | 341  |
| GW21686     | 1        | 8011564247307 | Inner box        | Pcs             | 341  |
| GW21802     | 1        | 8011564129320 | Inner box        | Pcs             | 344  |
| GW21803DY   | 1        | 8034035137747 | Blister          | Pcs             | 344  |
| GW21810     | 1        | 8011564129412 | Inner box        | Pcs             | 344  |
| GW21811     | 1        | 8011564129351 | Inner box        | Pcs             | 344  |
| GW21820     | 1        | 8011564129658 | Inner box        | Pcs             | 348  |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW21821 | 1        | 8011564128293 | Inner box      | Pcs             | 336  |
| GW21825 | 1        | 8011564439818 | Inner box      | Pcs             | 344  |
| GW21827 | 1        | 8011564289352 | Inner box      | Pcs             | 345  |
| GW21828 | 1        | 8011564747340 | Inner box      | Pcs             | 344  |
| GW21833 | 1        | 8011564129429 | Inner box      | Pcs             | 345  |
| GW21835 | 1        | 8011564747586 | Inner box      | Pcs             | 346  |
| GW21841 | 1        | 8011564129665 | Inner box      | Pcs             | 348  |
| GW21852 | 1        | 8011564129580 | Inner box      | Pcs             | 345  |
| GW21853 | 1        | 8011564129597 | Inner box      | Pcs             | 345  |

## GW 22

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW22101 | 1        | 8011564217218 | Blister        | Pcs             | 307  |
| GW22102 | 1        | 8011564217225 | Blister        | Pcs             | 307  |
| GW22103 | 1        | 8011564212978 | Blister        | Pcs             | 307  |
| GW22104 | 1        | 8011564213111 | Blister        | Pcs             | 307  |
| GW22106 | 1        | 8011564213258 | Blister        | Pcs             | 307  |
| GW22107 | 1        | 8011564226814 | Blister        | Pcs             | 307  |
| GW22108 | 1        | 8011564226845 | Blister        | Pcs             | 307  |
| GW22111 | 1        | 8011564217232 | Blister        | Pcs             | 307  |
| GW22112 | 1        | 8011564217249 | Blister        | Pcs             | 307  |
| GW22113 | 1        | 8011564212985 | Blister        | Pcs             | 307  |
| GW22114 | 1        | 8011564213128 | Blister        | Pcs             | 307  |
| GW22116 | 1        | 8011564213265 | Blister        | Pcs             | 307  |
| GW22117 | 1        | 8011564226982 | Blister        | Pcs             | 307  |
| GW22121 | 1        | 8011564217256 | Blister        | Pcs             | 308  |
| GW22122 | 1        | 8011564217263 | Blister        | Pcs             | 308  |
| GW22123 | 1        | 8011564212992 | Blister        | Pcs             | 308  |
| GW22124 | 1        | 8011564213135 | Blister        | Pcs             | 308  |
| GW22126 | 1        | 8011564213272 | Blister        | Pcs             | 308  |
| GW22127 | 1        | 8011564226975 | Blister        | Pcs             | 308  |
| GW22131 | 1        | 8011564217270 | Blister        | Pcs             | 308  |
| GW22132 | 1        | 8011564217287 | Blister        | Pcs             | 308  |
| GW22133 | 1        | 8011564213005 | Blister        | Pcs             | 308  |
| GW22134 | 1        | 8011564213142 | Blister        | Pcs             | 308  |
| GW22136 | 1        | 8011564213289 | Blister        | Pcs             | 308  |
| GW22137 | 1        | 8011564226968 | Blister        | Pcs             | 308  |
| GW22141 | 1        | 8011564217294 | Blister        | Pcs             | 308  |
| GW22142 | 1        | 8011564217300 | Blister        | Pcs             | 308  |
| GW22143 | 1        | 8011564213012 | Blister        | Pcs             | 308  |
| GW22144 | 1        | 8011564213159 | Blister        | Pcs             | 308  |
| GW22146 | 1        | 8011564213296 | Blister        | Pcs             | 308  |
| GW22147 | 1        | 8011564226951 | Blister        | Pcs             | 308  |
| GW22151 | 1        | 8011564217317 | Blister        | Pcs             | 308  |
| GW22152 | 1        | 8011564217324 | Blister        | Pcs             | 308  |
| GW22153 | 1        | 8011564213029 | Blister        | Pcs             | 308  |
| GW22154 | 1        | 8011564213166 | Blister        | Pcs             | 308  |
| GW22156 | 1        | 8011564213302 | Blister        | Pcs             | 308  |
| GW22157 | 1        | 8011564226944 | Blister        | Pcs             | 308  |
| GW22161 | 1        | 8011564217331 | Blister        | Pcs             | 308  |
| GW22162 | 1        | 8011564217348 | Blister        | Pcs             | 308  |
| GW22163 | 1        | 8011564213036 | Blister        | Pcs             | 308  |
| GW22164 | 1        | 8011564213173 | Blister        | Pcs             | 308  |
| GW22166 | 1        | 8011564213319 | Blister        | Pcs             | 308  |
| GW22167 | 1        | 8011564226937 | Blister        | Pcs             | 308  |
| GW22171 | 1        | 8011564217355 | Blister        | Pcs             | 309  |
| GW22172 | 1        | 8011564217362 | Blister        | Pcs             | 309  |
| GW22173 | 1        | 8011564213043 | Blister        | Pcs             | 309  |
| GW22174 | 1        | 8011564213180 | Blister        | Pcs             | 309  |
| GW22176 | 1        | 8011564213326 | Blister        | Pcs             | 309  |
| GW22177 | 1        | 8011564226920 | Blister        | Pcs             | 309  |
| GW22181 | 1        | 8011564217379 | Blister        | Pcs             | 309  |
| GW22182 | 1        | 8011564217386 | Blister        | Pcs             | 309  |
| GW22183 | 1        | 8011564213050 | Blister        | Pcs             | 309  |
| GW22184 | 1        | 8011564213197 | Blister        | Pcs             | 309  |
| GW22186 | 1        | 8011564213333 | Blister        | Pcs             | 309  |
| GW22187 | 1        | 8011564226913 | Blister        | Pcs             | 309  |

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW22251   | 1        | 8011564217393 | Blister          | Pcs             | 310  |
| GW22252   | 1        | 8011564217409 | Blister          | Pcs             | 310  |
| GW22253   | 1        | 8011564213098 | Blister          | Pcs             | 310  |
| GW22254   | 1        | 8011564213234 | Blister          | Pcs             | 310  |
| GW22256   | 1        | 8011564213388 | Blister          | Pcs             | 310  |
| GW22257   | 1        | 8011564226876 | Blister          | Pcs             | 310  |
| GW22261   | 1        | 8011564217416 | Blister          | Pcs             | 310  |
| GW22262   | 1        | 8011564217423 | Blister          | Pcs             | 310  |
| GW22263   | 1        | 8011564213104 | Blister          | Pcs             | 310  |
| GW22264   | 1        | 8011564213241 | Blister          | Pcs             | 310  |
| GW22266   | 1        | 8011564213395 | Blister          | Pcs             | 310  |
| GW22267   | 1        | 8011564226869 | Blister          | Pcs             | 310  |
| GW22271   | 1        | 8011564217430 | Blister          | Pcs             | 310  |
| GW22272   | 1        | 8011564217447 | Blister          | Pcs             | 310  |
| GW22273   | 1        | 8011564213081 | Blister          | Pcs             | 310  |
| GW22274   | 1        | 8011564213227 | Blister          | Pcs             | 310  |
| GW22276   | 1        | 8011564213371 | Blister          | Pcs             | 310  |
| GW22277   | 1        | 8011564226852 | Blister          | Pcs             | 310  |
| GW22281   | 1        | 8011564217454 | Blister          | Pcs             | 309  |
| GW22282   | 1        | 8011564217461 | Blister          | Pcs             | 309  |
| GW22283   | 1        | 8011564213067 | Blister          | Pcs             | 309  |
| GW22284   | 1        | 8011564213203 | Blister          | Pcs             | 309  |
| GW22286   | 1        | 8011564213340 | Blister          | Pcs             | 309  |
| GW22287   | 1        | 8011564226883 | Blister          | Pcs             | 309  |
| GW22288   | 1        | 8011564226838 | Blister          | Pcs             | 309  |
| GW22291   | 1        | 8011564217478 | Blister          | Pcs             | 309  |
| GW22292   | 1        | 8011564217485 | Blister          | Pcs             | 309  |
| GW22293   | 1        | 8011564213074 | Blister          | Pcs             | 309  |
| GW22294   | 1        | 8011564213210 | Blister          | Pcs             | 309  |
| GW22296   | 1        | 8011564213357 | Blister          | Pcs             | 309  |
| GW22297   | 1        | 8011564226890 | Blister          | Pcs             | 309  |
| GW22298   | 1        | 8011564226821 | Blister          | Pcs             | 309  |
| GW22451   | 1        | 8011564108615 | Heat shrink film | Pcs             | 312  |
| GW22451   | 1        | 8011564108615 | Heat shrink film | Pcs             | 356  |
| GW22452   | 1        | 8011564108622 | Heat shrink film | Pcs             | 312  |
| GW22452   | 1        | 8011564108622 | Heat shrink film | Pcs             | 356  |
| GW22453   | 1        | 8011564108639 | Heat shrink film | Pcs             | 312  |
| GW22453   | 1        | 8011564108639 | Heat shrink film | Pcs             | 356  |
| GW22461   | 1        | 8011564108646 | Heat shrink film | Pcs             | 312  |
| GW22461   | 1        | 8011564108646 | Heat shrink film | Pcs             | 356  |
| GW22462   | 1        | 8011564108653 | Heat shrink film | Pcs             | 312  |
| GW22462   | 1        | 8011564108653 | Heat shrink film | Pcs             | 356  |
| GW22463   | 1        | 8011564108660 | Heat shrink film | Pcs             | 312  |
| GW22463   | 1        | 8011564108660 | Heat shrink film | Pcs             | 356  |
| GW22471   | 3        | 8011564510616 | Heat shrink film | Pcs             | 313  |
| GW22471   | 3        | 8011564510616 | Heat shrink film | Pcs             | 87   |
| GW22471DY | 1        | 8034035138034 | Unpacked         | Pcs             | 313  |
| GW22471DY | 1        | 8034035138034 | Unpacked         | Pcs             | 87   |
| GW22472   | 3        | 8011564510630 | Heat shrink film | Pcs             | 313  |
| GW22472   | 3        | 8011564510630 | Heat shrink film | Pcs             | 87   |
| GW22472DY | 1        | 8034035138041 | Unpacked         | Pcs             | 313  |
| GW22472DY | 1        | 8034035138041 | Unpacked         | Pcs             | 87   |
| GW22501   | 1        | 8011564100312 | Blister          | Pcs             | 304  |
| GW22502   | 1        | 8011564100329 | Blister          | Pcs             | 304  |
| GW22503   | 1        | 8011564076686 | Blister          | Pcs             | 304  |
| GW22504   | 1        | 8011564076693 | Blister          | Pcs             | 304  |
| GW22506   | 1        | 8011564076709 | Blister          | Pcs             | 304  |
| GW22507   | 1        | 8011564130319 | Blister          | Pcs             | 304  |
| GW22508   | 1        | 8011564130456 | Blister          | Pcs             | 304  |
| GW22511   | 1        | 8011564100336 | Blister          | Pcs             | 304  |
| GW22512   | 1        | 8011564100343 | Blister          | Pcs             | 304  |
| GW22513   | 1        | 8011564076716 | Blister          | Pcs             | 304  |
| GW22514   | 1        | 8011564076723 | Blister          | Pcs             | 304  |
| GW22516   | 1        | 8011564076730 | Blister          | Pcs             | 304  |
| GW22517   | 1        | 8011564130326 | Blister          | Pcs             | 304  |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW22521 | 1        | 8011564100350 | Blister        | Pcs             | 304  |
| GW22522 | 1        | 8011564100367 | Blister        | Pcs             | 304  |
| GW22523 | 1        | 8011564076747 | Blister        | Pcs             | 304  |
| GW22524 | 1        | 8011564076754 | Blister        | Pcs             | 304  |
| GW22526 | 1        | 8011564076761 | Blister        | Pcs             | 304  |
| GW22527 | 1        | 8011564130364 | Blister        | Pcs             | 304  |
| GW22531 | 1        | 8011564100374 | Blister        | Pcs             | 305  |
| GW22532 | 1        | 8011564100381 | Blister        | Pcs             | 305  |
| GW22533 | 1        | 8011564076778 | Blister        | Pcs             | 305  |
| GW22534 | 1        | 8011564076785 | Blister        | Pcs             | 305  |
| GW22536 | 1        | 8011564076792 | Blister        | Pcs             | 305  |
| GW22537 | 1        | 8011564130371 | Blister        | Pcs             | 305  |
| GW22541 | 1        | 8011564100398 | Blister        | Pcs             | 305  |
| GW22542 | 1        | 8011564100404 | Blister        | Pcs             | 305  |
| GW22543 | 1        | 8011564076808 | Blister        | Pcs             | 305  |
| GW22544 | 1        | 8011564076815 | Blister        | Pcs             | 305  |
| GW22546 | 1        | 8011564076822 | Blister        | Pcs             | 305  |
| GW22547 | 1        | 8011564130418 | Blister        | Pcs             | 305  |
| GW22551 | 1        | 8011564100411 | Blister        | Pcs             | 305  |
| GW22552 | 1        | 8011564100428 | Blister        | Pcs             | 305  |
| GW22553 | 1        | 8011564076839 | Blister        | Pcs             | 305  |
| GW22554 | 1        | 8011564076846 | Blister        | Pcs             | 305  |
| GW22556 | 1        | 8011564076853 | Blister        | Pcs             | 305  |
| GW22557 | 1        | 8011564130425 | Blister        | Pcs             | 305  |
| GW22561 | 1        | 8011564100435 | Blister        | Pcs             | 305  |
| GW22562 | 1        | 8011564100442 | Blister        | Pcs             | 305  |
| GW22563 | 1        | 8011564076860 | Blister        | Pcs             | 305  |
| GW22564 | 1        | 8011564076877 | Blister        | Pcs             | 305  |
| GW22566 | 1        | 8011564076884 | Blister        | Pcs             | 305  |
| GW22567 | 1        | 8011564130333 | Blister        | Pcs             | 305  |
| GW22571 | 1        | 8011564100459 | Blister        | Pcs             | 305  |
| GW22572 | 1        | 8011564100466 | Blister        | Pcs             | 305  |
| GW22573 | 1        | 8011564076891 | Blister        | Pcs             | 305  |
| GW22574 | 1        | 8011564076907 | Blister        | Pcs             | 305  |
| GW22576 | 1        | 8011564076914 | Blister        | Pcs             | 305  |
| GW22577 | 1        | 8011564130340 | Blister        | Pcs             | 305  |
| GW22581 | 1        | 8011564100473 | Blister        | Pcs             | 306  |
| GW22582 | 1        | 8011564100480 | Blister        | Pcs             | 306  |
| GW22583 | 1        | 8011564076921 | Blister        | Pcs             | 306  |
| GW22584 | 1        | 8011564076938 | Blister        | Pcs             | 306  |
| GW22586 | 1        | 8011564076945 | Blister        | Pcs             | 306  |
| GW22587 | 1        | 8011564130388 | Blister        | Pcs             | 306  |
| GW22601 | 1        | 8011564100497 | Blister        | Pcs             | 306  |
| GW22602 | 1        | 8011564100503 | Blister        | Pcs             | 306  |
| GW22603 | 1        | 8011564076952 | Blister        | Pcs             | 306  |
| GW22604 | 1        | 8011564076969 | Blister        | Pcs             | 306  |
| GW22606 | 1        | 8011564076976 | Blister        | Pcs             | 306  |
| GW22607 | 1        | 8011564130357 | Blister        | Pcs             | 306  |
| GW22608 | 1        | 8011564130494 | Blister        | Pcs             | 306  |
| GW22611 | 1        | 8011564100510 | Blister        | Pcs             | 306  |
| GW22612 | 1        | 8011564100527 | Blister        | Pcs             | 306  |
| GW22613 | 1        | 8011564076983 | Blister        | Pcs             | 306  |
| GW22614 | 1        | 8011564076990 | Blister        | Pcs             | 306  |
| GW22616 | 1        | 8011564077003 | Blister        | Pcs             | 306  |
| GW22617 | 1        | 8011564130401 | Blister        | Pcs             | 306  |
| GW22618 | 1        | 8011564130548 | Blister        | Pcs             | 306  |
| GW22651 | 1        | 8011564100534 | Blister        | Pcs             | 307  |
| GW22652 | 1        | 8011564100541 | Blister        | Pcs             | 307  |
| GW22653 | 1        | 8011564077010 | Blister        | Pcs             | 307  |
| GW22654 | 1        | 8011564077027 | Blister        | Pcs             | 307  |
| GW22656 | 1        | 8011564077034 | Blister        | Pcs             | 307  |
| GW22657 | 1        | 8011564130432 | Blister        | Pcs             | 307  |
| GW22661 | 1        | 8011564100558 | Blister        | Pcs             | 307  |
| GW22662 | 1        | 8011564100565 | Blister        | Pcs             | 307  |
| GW22663 | 1        | 8011564077041 | Blister        | Pcs             | 307  |

# Quick Reference

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
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| GW22664 | 1        | 8011564077058 | Blister        | Pcs             | 307  |
| GW22666 | 1        | 8011564077065 | Blister        | Pcs             | 307  |
| GW22667 | 1        | 8011564130449 | Blister        | Pcs             | 307  |
| GW22671 | 1        | 8011564100572 | Blister        | Pcs             | 306  |
| GW22672 | 1        | 8011564100589 | Blister        | Pcs             | 306  |
| GW22673 | 1        | 8011564077072 | Blister        | Pcs             | 306  |
| GW22674 | 1        | 8011564077089 | Blister        | Pcs             | 306  |
| GW22676 | 1        | 8011564077096 | Blister        | Pcs             | 306  |
| GW22677 | 1        | 8011564130395 | Blister        | Pcs             | 306  |

## GW 24

|             |     |               |                  |     |     |
|-------------|-----|---------------|------------------|-----|-----|
| GW24001     | 1   | 8011564001602 | Blister          | Pcs | 311 |
| GW24002     | 1   | 8011564001619 | Blister          | Pcs | 311 |
| GW24003     | 1   | 8011564001626 | Blister          | Pcs | 311 |
| GW24004     | 1   | 8011564001640 | Blister          | Pcs | 311 |
| GW24005     | 1   | 8011564001657 | Blister          | Pcs | 311 |
| GW24006     | 1   | 8011564001817 | Heat shrink film | Pcs | 313 |
| GW24006     | 1   | 8011564001817 | Heat shrink film | Pcs | 87  |
| GW24007     | 3   | 8011564303645 | Heat shrink film | Pcs | 87  |
| GW24008     | 1   | 8011564001718 | Bag              | Pcs | 312 |
| GW24009     | 1   | 8011564001725 | Bag              | Pcs | 312 |
| GW24010     | 1   | 8011564001732 | Bag              | Pcs | 312 |
| GW24011     | 1   | 8011564001749 | Bag              | Pcs | 312 |
| GW24018     | 1   | 8011564002272 | Bag              | Pcs | 313 |
| GW24019     | 1   | 8011564002289 | Bag              | Pcs | 313 |
| GW24020     | 1   | 8011564002296 | Bag              | Pcs | 313 |
| GW24021     | 1   | 8011564002302 | Bag              | Pcs | 313 |
| GW24022     | 1   | 8011564025929 | Bag              | Pcs | 312 |
| GW24023     | 1   | 8011564025936 | Bag              | Pcs | 312 |
| GW24201CO   | 1   | 8011564250703 | Blister          | Pcs | 314 |
| GW24201DY   | 1   | 8034035014932 | Heat shrink film | Pcs | 314 |
| GW24202CO   | 1   | 8011564250710 | Blister          | Pcs | 314 |
| GW24202DY   | 1   | 8034035014949 | Heat shrink film | Pcs | 314 |
| GW24208DY   | 1   | 8034035014956 | Unpacked         | Pcs | 85  |
| GW24209CO   | 1   | 8011564250758 | Heat shrink film | Pcs | 85  |
| GW24210DY   | 1   | 8034035014963 | Unpacked         | Pcs | 85  |
| GW24211     | 1   | 8011564001633 | Blister          | Pcs | 311 |
| GW24211     | 1   | 8011564001633 | Blister          | Pcs | 88  |
| GW24212     | 1   | 8011564001688 | Blister          | Pcs | 311 |
| GW24212     | 1   | 8011564001688 | Blister          | Pcs | 88  |
| GW24213     | 1   | 8011564001671 | Blister          | Pcs | 311 |
| GW24213     | 1   | 8011564001671 | Blister          | Pcs | 88  |
| GW24214     | 1   | 8011564001701 | Blister          | Pcs | 311 |
| GW24214     | 1   | 8011564001701 | Blister          | Pcs | 88  |
| GW24215     | 1   | 8011564001664 | Blister          | Pcs | 311 |
| GW24215     | 1   | 8011564001664 | Blister          | Pcs | 88  |
| GW24216     | 1   | 8011564001695 | Blister          | Pcs | 311 |
| GW24216     | 1   | 8011564001695 | Blister          | Pcs | 88  |
| GW24218     | 50  | 8011564326026 | Heat shrink film | Pcs | 88  |
| GW24218CO   | 1   | 8011564250765 | Blister          | Pcs | 68  |
| GW24218CO   | 1   | 8011564250765 | Blister          | Pcs | 88  |
| GW24218DY   | 1   | 8034035069123 | Heat shrink film | Pcs | 68  |
| GW24218DY   | 1   | 8034035069123 | Heat shrink film | Pcs | 88  |
| GW24220     | 50  | 8011564326040 | Heat shrink film | Pcs | 88  |
| GW24220DY   | 1   | 8034035069130 | Heat shrink film | Pcs | 88  |
| GW24221DY   | 1   | 8034035087677 | Heat shrink film | Pcs | 85  |
| GW24224     | 500 | 8011564305274 | Inner box        | Pcs | 88  |
| GW24225     | 300 | 8011564305298 | Inner box        | Pcs | 88  |
| GW24227     | 5   | 8011564352209 | Heat shrink film | Pcs | 88  |
| GW24228     | 5   | 8011564372818 | Heat shrink film | Pcs | 88  |
| GW24229     | 300 | 8011564653610 | Inner box        | Pcs | 88  |
| GW24230DY01 | 1   | 8034035137945 | Blister          | Pcs | 314 |
| GW24231DY   | 1   | 8034035137129 | Unpacked         | Pcs | 84  |
| GW24234PM   | 5   | 8011564941649 | Heat shrink film | Pcs | 68  |
| GW24234PMDY | 1   | 8034035069161 | Unpacked         | Pcs | 68  |
| GW24237DY   | 1   | 8034035137136 | Unpacked         | Pcs | 84  |

| Code        | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-------------|----------|---------------|------------------|-----------------|------|
| GW24237PM   | 2        | 8011564941472 | Bag              | Pcs             | 68   |
| GW24237PMDY | 1        | 8034035137143 | Unpacked         | Pcs             | 68   |
| GW24238DY   | 1        | 8034035137150 | Unpacked         | Pcs             | 84   |
| GW24240DY   | 1        | 8034035137952 | Blister          | Pcs             | 314  |
| GW24241DY   | 1        | 8034035137969 | Blister          | Pcs             | 314  |
| GW24262CO   | 1        | 8011564250789 | Blister          | Pcs             | 314  |
| GW24262DY   | 1        | 8034035014970 | Heat shrink film | Pcs             | 314  |
| GW24282PM   | 2        | 8011564941663 | Heat shrink film | Pcs             | 68   |
| GW24322     | 10       | 8011564583313 | Bag              | Pcs             | 88   |
| GW24323     | 10       | 8011564583320 | Bag              | Pcs             | 88   |
| GW24324     | 10       | 8011564583337 | Bag              | Pcs             | 88   |
| GW24403DY   | 1        | 8034035069178 | Unpacked         | Pcs             | 84   |
| GW24403PDY  | 1        | 8034035137167 | Unpacked         | Pcs             | 84   |
| GW24403PM   | 9        | 8011564941502 | Heat shrink film | Pcs             | 68   |
| GW24403PMDY | 1        | 8034035069185 | Unpacked         | Pcs             | 68   |
| GW24404DY   | 1        | 8034035066856 | Unpacked         | Pcs             | 84   |
| GW24404PDY  | 1        | 8034035137174 | Unpacked         | Pcs             | 84   |
| GW24404PM   | 2        | 8011564941526 | Heat shrink film | Pcs             | 68   |
| GW24404PMDY | 1        | 8034035069192 | Unpacked         | Pcs             | 68   |
| GW24406DY   | 1        | 8034035069208 | Unpacked         | Pcs             | 84   |
| GW24406PDY  | 1        | 8034035137181 | Unpacked         | Pcs             | 84   |
| GW24406PM   | 2        | 8011564941540 | Heat shrink film | Pcs             | 68   |
| GW24406PMDY | 1        | 8034035069215 | Unpacked         | Pcs             | 68   |
| GW24601     | 1        | 8011564759596 | Bubblewrap bag   | Pcs             | 82   |
| GW24602     | 1        | 8011564759602 | Outer box        | Pcs             | 82   |
| GW24606     | 1        | 8011564787810 | Outer box        | Pcs             | 82   |
| GW24607     | 1        | 8011564787834 | Outer box        | Pcs             | 82   |
| GW24611     | 1        | 8011564759626 | Outer box        | Pcs             | 82   |
| GW24612     | 1        | 8011564759633 | Outer box        | Pcs             | 82   |
| GW24616     | 1        | 8011564787827 | Outer box        | Pcs             | 83   |
| GW24617     | 1        | 8011564787841 | Outer box        | Pcs             | 83   |
| GW24621     | 1        | 8011564759657 | Outer box        | Pcs             | 83   |
| GW24622     | 1        | 8011564759664 | Outer box        | Pcs             | 83   |
| GW24633     | 1        | 8011564759350 | Bag              | Pcs             | 83   |

## GW 26

|             |   |               |           |     |     |
|-------------|---|---------------|-----------|-----|-----|
| GW26409DY01 | 1 | 8034035137976 | Blister   | Pcs | 314 |
| GW26410DY01 | 1 | 8034035137877 | Blister   | Pcs | 314 |
| GW26417     | 1 | 8011564033207 | Inner box | Pcs | 355 |
| GW26420     | 1 | 8011564025448 | Inner box | Pcs | 356 |
| GW26421     | 1 | 8011564025431 | Inner box | Pcs | 356 |
| GW26427     | 1 | 8011564033238 | Inner box | Pcs | 355 |

## GW 27

|           |   |               |                  |     |     |
|-----------|---|---------------|------------------|-----|-----|
| GW27001CO | 1 | 8011564250796 | Heat shrink film | Pcs | 352 |
| GW27002CO | 1 | 8011564250802 | Heat shrink film | Pcs | 352 |
| GW27003CO | 1 | 8011564250819 | Heat shrink film | Pcs | 352 |
| GW27004CO | 1 | 8011564250826 | Heat shrink film | Pcs | 352 |
| GW27005   | 1 | 8011564055285 | Heat shrink film | Pcs | 352 |
| GW27006   | 1 | 8011564055292 | Heat shrink film | Pcs | 352 |
| GW27007   | 1 | 8011564055308 | Heat shrink film | Pcs | 352 |
| GW27008   | 1 | 8011564055315 | Heat shrink film | Pcs | 352 |
| GW27022   | 1 | 8011564055339 | Heat shrink film | Pcs | 352 |
| GW27023   | 1 | 8011564055346 | Heat shrink film | Pcs | 352 |
| GW27024   | 1 | 8011564055353 | Heat shrink film | Pcs | 352 |
| GW27041DY | 1 | 8034035015045 | Heat shrink film | Pcs | 353 |
| GW27042DY | 1 | 8034035014871 | Heat shrink film | Pcs | 353 |
| GW27043DY | 1 | 8034035014888 | Heat shrink film | Pcs | 353 |
| GW27044DY | 1 | 8034035014895 | Heat shrink film | Pcs | 353 |
| GW27051   | 1 | 8011564055407 | Heat shrink film | Pcs | 353 |
| GW27052   | 1 | 8011564055414 | Heat shrink film | Pcs | 353 |
| GW27056   | 1 | 8011564055421 | Bag              | Pcs | 354 |
| GW27057   | 1 | 8011564055438 | Bag              | Pcs | 354 |
| GW27071   | 1 | 8011564055445 | Heat shrink film | Pcs | 356 |
| GW27072   | 1 | 8011564055452 | Heat shrink film | Pcs | 356 |
| GW27073   | 1 | 8011564055469 | Heat shrink film | Pcs | 356 |

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW27415DY | 1        | 8034035087691 | Heat shrink film | Pcs             | 354  |
| GW27416DY | 1        | 8034035087684 | Heat shrink film | Pcs             | 354  |
| GW27421   | 1        | 8011564056220 | Inner box        | Pcs             | 355  |
| GW27422   | 1        | 8011564056237 | Inner box        | Pcs             | 355  |
| GW27423   | 1        | 8011564056244 | Inner box        | Pcs             | 355  |
| GW27424   | 1        | 8011564056251 | Inner box        | Pcs             | 355  |
| GW27431B  | 1        | 8011564825338 | Inner box        | Pcs             | 355  |
| GW27432   | 1        | 8011564827554 | Inner box        | Pcs             | 355  |
| GW27603   | 1        | 8011564069510 | Heat shrink film | Pcs             | 353  |
| GW27609   | 1        | 8011564069534 | Heat shrink film | Pcs             | 353  |
| GW27615   | 1        | 8011564069558 | Heat shrink film | Pcs             | 353  |
| GW27616   | 1        | 8011564069565 | Heat shrink film | Pcs             | 353  |
| GW27621   | 1        | 8011564069572 | Heat shrink film | Pcs             | 353  |
| GW27622   | 1        | 8011564069589 | Heat shrink film | Pcs             | 353  |
| GW27627   | 1        | 8011564069596 | Heat shrink film | Pcs             | 353  |
| GW27628   | 1        | 8011564069602 | Heat shrink film | Pcs             | 353  |
| GW27801DY | 1        | 8034035014833 | Heat shrink film | Pcs             | 354  |
| GW27803DY | 1        | 8034035014840 | Heat shrink film | Pcs             | 354  |
| GW27812DY | 1        | 8034035014864 | Heat shrink film | Pcs             | 354  |
| GW27833DY | 1        | 8034035014802 | Heat shrink film | Pcs             | 354  |
| GW27841DY | 1        | 8034035014819 | Heat shrink film | Pcs             | 354  |
| GW27842DY | 1        | 8034035014826 | Heat shrink film | Pcs             | 354  |
| GW27844DY | 1        | 8034035083235 | Heat shrink film | Pcs             | 354  |

#### GW 28

|           |   |               |                  |     |     |
|-----------|---|---------------|------------------|-----|-----|
| GW28003DY | 1 | 8034035014383 | Heat shrink film | Pcs | 376 |
| GW28004DY | 1 | 8034035014376 | Heat shrink film | Pcs | 376 |
| GW28005DY | 1 | 8034035014369 | Heat shrink film | Pcs | 376 |
| GW28006DY | 1 | 8034035014352 | Heat shrink film | Pcs | 376 |
| GW28011DY | 1 | 8034035137884 | Blister          | Pcs | 376 |
| GW28203DY | 1 | 8034035041136 | Heat shrink film | Pcs | 376 |
| GW28204DY | 1 | 8034035041143 | Heat shrink film | Pcs | 376 |
| GW28205DY | 1 | 8034035014345 | Heat shrink film | Pcs | 376 |
| GW28206DY | 1 | 8034035014338 | Heat shrink film | Pcs | 376 |

#### GW 30

|         |    |               |           |     |    |
|---------|----|---------------|-----------|-----|----|
| GW30943 | 50 | 8011564454521 | Outer box | Pcs | 42 |
| GW30945 | 50 | 8011564599635 | Outer box | Pcs | 42 |
| GW30951 | 50 | 8011564666528 | Outer box | Pcs | 42 |
| GW30952 | 50 | 8011564666511 | Outer box | Pcs | 42 |
| GW30958 | 10 | 8011564551039 | Outer box | Pcs | 43 |
| GW30959 | 10 | 8011564551046 | Outer box | Pcs | 43 |
| GW30960 | 10 | 8011564593251 | Outer box | Pcs | 43 |

#### GW 32

|           |   |               |                  |     |    |
|-----------|---|---------------|------------------|-----|----|
| GW32431   | 3 | 8011564353381 | Heat shrink film | Pcs | 87 |
| GW32431   | 3 | 8011564353381 | Heat shrink film | Pcs | 87 |
| GW32431DY | 1 | 8034035138058 | Unpacked         | Pcs | 87 |
| GW32431DY | 1 | 8034035138058 | Unpacked         | Pcs | 87 |
| GW32432   | 3 | 8011564353411 | Heat shrink film | Pcs | 87 |
| GW32432   | 3 | 8011564353411 | Heat shrink film | Pcs | 87 |
| GW32457   | 1 | 8011564039735 | Bag              | Pcs | 42 |

#### GW 35

|          |   |               |         |     |     |
|----------|---|---------------|---------|-----|-----|
| GW35001W | 1 | 8011564855793 | Blister | Pcs | 362 |
| GW35001Y | 1 | 8011564862708 | Blister | Pcs | 368 |
| GW35002W | 1 | 8011564862418 | Blister | Pcs | 362 |
| GW35002Y | 1 | 8011564862715 | Blister | Pcs | 368 |
| GW35003W | 1 | 8011564862449 | Blister | Pcs | 362 |
| GW35003Y | 1 | 8011564862739 | Blister | Pcs | 368 |
| GW35006W | 1 | 8011564728752 | Blister | Pcs | 362 |
| GW35006Y | 1 | 8011564728783 | Blister | Pcs | 368 |
| GW35011W | 1 | 8011564862456 | Blister | Pcs | 362 |
| GW35011Y | 1 | 8011564862746 | Blister | Pcs | 368 |
| GW35012W | 1 | 8011564862470 | Blister | Pcs | 362 |
| GW35012Y | 1 | 8011564862753 | Blister | Pcs | 368 |
| GW35015W | 1 | 8011564862494 | Blister | Pcs | 363 |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW35015Y  | 1        | 8011564862777 | Blister        | Pcs             | 369  |
| GW35016W  | 1        | 8011564728769 | Blister        | Pcs             | 362  |
| GW35016Y  | 1        | 8011564728790 | Blister        | Pcs             | 368  |
| GW35021W  | 1        | 8011564862500 | Blister        | Pcs             | 363  |
| GW35021Y  | 1        | 8011564862784 | Blister        | Pcs             | 369  |
| GW35022W  | 1        | 8011564862517 | Blister        | Pcs             | 363  |
| GW35022Y  | 1        | 8011564862791 | Blister        | Pcs             | 369  |
| GW35026W  | 1        | 8011564728776 | Blister        | Pcs             | 363  |
| GW35026Y  | 1        | 8011564728806 | Blister        | Pcs             | 369  |
| GW35031W  | 1        | 8011564862425 | Blister        | Pcs             | 362  |
| GW35051W  | 1        | 8011564862432 | Blister        | Pcs             | 362  |
| GW35051Y  | 1        | 8011564862722 | Blister        | Pcs             | 368  |
| GW35052W  | 1        | 8011564862487 | Blister        | Pcs             | 363  |
| GW35052Y  | 1        | 8011564862760 | Blister        | Pcs             | 369  |
| GW35071W  | 1        | 8011564862463 | Blister        | Pcs             | 362  |
| GW35201W  | 1        | 8011564862524 | Blister        | Pcs             | 363  |
| GW35201Y  | 1        | 8011564862807 | Blister        | Pcs             | 369  |
| GW35202W  | 1        | 8011564862548 | Blister        | Pcs             | 364  |
| GW35202Y  | 1        | 8011564862814 | Blister        | Pcs             | 370  |
| GW35203W  | 1        | 8011564862562 | Blister        | Pcs             | 364  |
| GW35203Y  | 1        | 8011564862821 | Blister        | Pcs             | 370  |
| GW35204W  | 1        | 8011564862579 | Blister        | Pcs             | 364  |
| GW35204Y  | 1        | 8011564862838 | Blister        | Pcs             | 370  |
| GW35206W  | 1        | 8011564862531 | Blister        | Pcs             | 363  |
| GW35207W  | 1        | 8011564862555 | Blister        | Pcs             | 364  |
| GW35211W  | 1        | 8011564862586 | Blister        | Pcs             | 364  |
| GW35211Y  | 1        | 8011564862845 | Blister        | Pcs             | 370  |
| GW35212W  | 1        | 8011564855809 | Blister        | Pcs             | 364  |
| GW35212Y  | 1        | 8011564862852 | Blister        | Pcs             | 370  |
| GW35213W  | 1        | 8011564862609 | Blister        | Pcs             | 364  |
| GW35213Y  | 1        | 8011564862869 | Blister        | Pcs             | 370  |
| GW35214W  | 1        | 8011564862616 | Blister        | Pcs             | 364  |
| GW35214Y  | 1        | 8011564862876 | Blister        | Pcs             | 370  |
| GW35216W  | 1        | 8011564862593 | Blister        | Pcs             | 364  |
| GW35251W  | 1        | 8011564862630 | Blister        | Pcs             | 365  |
| GW35251Y  | 1        | 8011564862890 | Blister        | Pcs             | 371  |
| GW35261W  | 1        | 8011564862623 | Blister        | Pcs             | 365  |
| GW35261Y  | 1        | 8011564862883 | Blister        | Pcs             | 371  |
| GW35271W  | 1        | 8011564862647 | Blister        | Pcs             | 366  |
| GW35271Y  | 1        | 8011564862906 | Blister        | Pcs             | 371  |
| GW35272W  | 1        | 8011564862654 | Blister        | Pcs             | 366  |
| GW35272Y  | 1        | 8011564862913 | Blister        | Pcs             | 371  |
| GW35273W  | 1        | 8011564862661 | Blister        | Pcs             | 366  |
| GW35273Y  | 1        | 8011564862920 | Blister        | Pcs             | 371  |
| GW35274W  | 1        | 8011564862678 | Blister        | Pcs             | 366  |
| GW35274Y  | 1        | 8011564862937 | Blister        | Pcs             | 371  |
| GW35280W  | 1        | 8011564862685 | Blister        | Pcs             | 366  |
| GW35280Y  | 1        | 8011564862685 | Blister        | Pcs             | 366  |
| GW35280Y  | 1        | 8011564862944 | Blister        | Pcs             | 371  |
| GW35301W  | 6        | 8011564928374 | Inner box      | Pcs             | 365  |
| GW35301Y  | 6        | 8011564928398 | Inner box      | Pcs             | 370  |
| GW35901AD | 1        | 8011564856912 | Blister        | Pcs             | 361  |
| GW35901AG | 1        | 8011564856929 | Blister        | Pcs             | 361  |
| GW35901AH | 1        | 8011564856936 | Blister        | Pcs             | 360  |
| GW35901AM | 1        | 8011564856943 | Blister        | Pcs             | 360  |
| GW35901AN | 1        | 8011564856950 | Blister        | Pcs             | 361  |
| GW35901AW | 1        | 8011564856974 | Blister        | Pcs             | 360  |
| GW35901AY | 1        | 8011564856981 | Blister        | Pcs             | 360  |
| GW35902AD | 1        | 8011564856998 | Blister        | Pcs             | 361  |
| GW35902AG | 1        | 8011564857001 | Blister        | Pcs             | 361  |
| GW35902AH | 1        | 8011564857018 | Blister        | Pcs             | 360  |
| GW35902AM | 1        | 8011564857025 | Blister        | Pcs             | 360  |
| GW35902AN | 1        | 8011564857032 | Blister        | Pcs             | 361  |
| GW35902AW | 1        | 8011564857049 | Blister        | Pcs             | 360  |
| GW35902AY | 1        | 8011564857056 | Blister        | Pcs             | 360  |

# Quick Reference

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW35903AD | 1        | 8011564857063 | Blister        | Pcs             | 361  |
| GW35903AG | 1        | 8011564857070 | Blister        | Pcs             | 361  |
| GW35903AH | 1        | 8011564857087 | Blister        | Pcs             | 360  |
| GW35903AM | 1        | 8011564857094 | Blister        | Pcs             | 360  |
| GW35903AN | 1        | 8011564857100 | Blister        | Pcs             | 361  |
| GW35903AW | 1        | 8011564857117 | Blister        | Pcs             | 360  |
| GW35903AY | 1        | 8011564857124 | Blister        | Pcs             | 360  |
| GW35904AD | 1        | 8011564857131 | Blister        | Pcs             | 361  |
| GW35904AG | 1        | 8011564857148 | Blister        | Pcs             | 361  |
| GW35904AH | 1        | 8011564857155 | Blister        | Pcs             | 360  |
| GW35904AM | 1        | 8011564857162 | Blister        | Pcs             | 360  |
| GW35904AN | 1        | 8011564857179 | Blister        | Pcs             | 361  |
| GW35904AW | 1        | 8011564857186 | Blister        | Pcs             | 360  |
| GW35904AY | 1        | 8011564857346 | Blister        | Pcs             | 360  |
| GW35905AD | 1        | 8011564857193 | Blister        | Pcs             | 361  |
| GW35905AG | 1        | 8011564857209 | Blister        | Pcs             | 361  |
| GW35905AH | 1        | 8011564857216 | Blister        | Pcs             | 360  |
| GW35905AM | 1        | 8011564857223 | Blister        | Pcs             | 360  |
| GW35905AN | 1        | 8011564857230 | Blister        | Pcs             | 361  |
| GW35905AW | 1        | 8011564857247 | Blister        | Pcs             | 360  |
| GW35905AY | 1        | 8011564857254 | Blister        | Pcs             | 360  |
| GW35909AD | 1        | 8011564857261 | Blister        | Pcs             | 361  |
| GW35909AG | 1        | 8011564857285 | Blister        | Pcs             | 361  |
| GW35909AH | 1        | 8011564857292 | Blister        | Pcs             | 360  |
| GW35909AM | 1        | 8011564857308 | Blister        | Pcs             | 360  |
| GW35909AN | 1        | 8011564857315 | Blister        | Pcs             | 361  |
| GW35909AW | 1        | 8011564857322 | Blister        | Pcs             | 360  |
| GW35909AY | 1        | 8011564857339 | Blister        | Pcs             | 360  |
| GW35911   | 1        | 8011564730816 | Unpacked       | Pcs             | 367  |
| GW35911   | 1        | 8011564730816 | Unpacked       | Pcs             | 372  |
| GW35912   | 1        | 8011564730823 | Unpacked       | Pcs             | 367  |
| GW35912   | 1        | 8011564730823 | Unpacked       | Pcs             | 372  |
| GW35981   | 1        | 8011564856424 | Blister        | Pcs             | 367  |
| GW35981   | 1        | 8011564856424 | Blister        | Pcs             | 372  |
| GW35986   | 1        | 8011564728813 | Inner box      | Pcs             | 367  |
| GW35986   | 1        | 8011564728813 | Inner box      | Pcs             | 372  |

## GW 38

|         |   |               |           |     |     |
|---------|---|---------------|-----------|-----|-----|
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 226 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 242 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 258 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 277 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 293 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 324 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 342 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 366 |
| GW38056 | 1 | 8011564885011 | Bag       | Pcs | 372 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 226 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 242 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 258 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 277 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 293 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 324 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 342 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 366 |
| GW38057 | 1 | 8011564885028 | Bag       | Pcs | 372 |
| GW38098 | 1 | 8011564890800 | Outer box | Pcs | 65  |

## GW 40

|         |   |               |                  |     |    |
|---------|---|---------------|------------------|-----|----|
| GW40001 | 1 | 8011564012530 | Heat shrink film | Pcs | 26 |
| GW40003 | 1 | 8011564012547 | Heat shrink film | Pcs | 26 |
| GW40005 | 1 | 8011564012554 | Heat shrink film | Pcs | 26 |
| GW40007 | 1 | 8011564012561 | Heat shrink film | Pcs | 26 |
| GW40009 | 1 | 8011564012578 | Bag              | Pcs | 26 |
| GW40022 | 1 | 8011564012127 | Heat shrink film | Pcs | 29 |
| GW40023 | 1 | 8011564012134 | Heat shrink film | Pcs | 29 |

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW40024   | 1        | 8011564012141 | Heat shrink film | Pcs             | 29   |
| GW40026   | 1        | 8011564012158 | Heat shrink film | Pcs             | 29   |
| GW40028   | 1        | 8011564012165 | Heat shrink film | Pcs             | 29   |
| GW40030   | 1        | 8011564012172 | Heat shrink film | Pcs             | 29   |
| GW40032   | 1        | 8011564012189 | Heat shrink film | Pcs             | 29   |
| GW40043   | 1        | 8011564033290 | Heat shrink film | Pcs             | 27   |
| GW40043BS | 1        | 8011564896697 | Heat shrink film | Pcs             | 27   |
| GW40045   | 1        | 8011564033313 | Heat shrink film | Pcs             | 27   |
| GW40045BS | 1        | 8011564896703 | Heat shrink film | Pcs             | 27   |
| GW40047   | 1        | 8011564033337 | Heat shrink film | Pcs             | 27   |
| GW40047BD | 1        | 8011564896727 | Heat shrink film | Pcs             | 27   |
| GW40047BS | 1        | 8011564896710 | Heat shrink film | Pcs             | 27   |
| GW40049   | 1        | 8011564033351 | Bubblewrap       | Pcs             | 27   |
| GW40049BD | 1        | 8011564896741 | Bubblewrap       | Pcs             | 27   |
| GW40049BS | 1        | 8011564896734 | Bubblewrap       | Pcs             | 27   |
| GW40051BD | 1        | 8011564896758 | Bubblewrap       | Pcs             | 27   |
| GW40053BD | 1        | 8011564896765 | Outer box        | Pcs             | 27   |
| GW40053BQ | 1        | 8011564896772 | Outer box        | Pcs             | 27   |
| GW40063   | 1        | 8011564856516 | Heat shrink film | Pcs             | 28   |
| GW40063BS | 1        | 8011564896789 | Heat shrink film | Pcs             | 28   |
| GW40065   | 1        | 8011564856523 | Heat shrink film | Pcs             | 28   |
| GW40065BS | 1        | 8011564896796 | Heat shrink film | Pcs             | 28   |
| GW40067   | 1        | 8011564856530 | Heat shrink film | Pcs             | 28   |
| GW40067BD | 1        | 8011564896819 | Heat shrink film | Pcs             | 28   |
| GW40067BS | 1        | 8011564896802 | Heat shrink film | Pcs             | 28   |
| GW40069   | 1        | 8011564856547 | Bubblewrap       | Pcs             | 28   |
| GW40069BD | 1        | 8011564896857 | Bubblewrap       | Pcs             | 28   |
| GW40069BS | 1        | 8011564896826 | Bubblewrap       | Pcs             | 28   |
| GW40071   | 1        | 8011564856554 | Bubblewrap       | Pcs             | 28   |
| GW40071BD | 1        | 8011564896864 | Bubblewrap       | Pcs             | 28   |
| GW40073   | 1        | 8011564856561 | Outer box        | Pcs             | 28   |
| GW40073BD | 1        | 8011564896871 | Outer box        | Pcs             | 28   |
| GW40073BQ | 1        | 8011564896888 | Outer box        | Pcs             | 28   |
| GW40101   | 1        | 8011564061477 | Heat shrink film | Pcs             | 24   |
| GW40102   | 1        | 8011564061514 | Heat shrink film | Pcs             | 24   |
| GW40102BS | 1        | 8011564895430 | Heat shrink film | Pcs             | 24   |
| GW40103   | 1        | 8011564061545 | Heat shrink film | Pcs             | 24   |
| GW40103BS | 1        | 8011564896550 | Heat shrink film | Pcs             | 24   |
| GW40104   | 1        | 8011564062207 | Heat shrink film | Pcs             | 25   |
| GW40104BD | 1        | 8011564896581 | Heat shrink film | Pcs             | 25   |
| GW40104BS | 1        | 8011564896574 | Heat shrink film | Pcs             | 25   |
| GW40105BD | 1        | 8011564896598 | Bubblewrap       | Pcs             | 25   |
| GW40105UD | 1        | 8011564896611 | Bubblewrap       | Pcs             | 25   |
| GW40106   | 1        | 8011564061576 | Bubblewrap       | Pcs             | 24   |
| GW40106BS | 1        | 8011564896567 | Bubblewrap       | Pcs             | 24   |
| GW40107   | 1        | 8011564062221 | Bubblewrap       | Pcs             | 25   |
| GW40107BD | 1        | 8011564896642 | Bubblewrap       | Pcs             | 25   |
| GW40107BS | 1        | 8011564896635 | Bubblewrap       | Pcs             | 25   |
| GW40108   | 1        | 8011564062252 | Outer box        | Pcs             | 25   |
| GW40108BD | 1        | 8011564896659 | Outer box        | Pcs             | 25   |
| GW40108BT | 1        | 8011564896666 | Outer box        | Pcs             | 25   |
| GW40109BD | 1        | 8011564896673 | Outer box        | Pcs             | 25   |
| GW40109BQ | 1        | 8011564896680 | Outer box        | Pcs             | 25   |
| GW40112   | 1        | 8011564279636 | Heat shrink film | Pcs             | 32   |
| GW40113   | 1        | 8011564062306 | Inner box        | Pcs             | 32   |
| GW40114   | 1        | 8011564062320 | Inner box        | Pcs             | 32   |
| GW40115   | 1        | 8011564062351 | Bubblewrap       | Pcs             | 32   |
| GW40123   | 1        | 8011564103016 | Inner box        | Pcs             | 32   |
| GW40124   | 1        | 8011564103023 | Inner box        | Pcs             | 32   |
| GW40125   | 1        | 8011564103030 | Bag              | Pcs             | 32   |
| GW40151N  | 1        | 8034035051852 | Outer box        | Pcs             | 34   |
| GW40151N  | 1        | 8034035051852 | Outer box        | Pcs             | 74   |
| GW40152N  | 1        | 8034035051869 | Outer box        | Pcs             | 34   |
| GW40152N  | 1        | 8034035051869 | Outer box        | Pcs             | 74   |
| GW40153N  | 1        | 8034035051883 | Outer box        | Pcs             | 34   |



| Code       | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|------------|----------|---------------|------------------|-----------------|------|
| GW40153N   | 1        | 8034035051883 | Outer box        | Pcs             | 74   |
| GW40154N   | 1        | 8034035051890 | Outer box        | Pcs             | 34   |
| GW40154N   | 1        | 8034035051890 | Outer box        | Pcs             | 74   |
| GW40155N   | 1        | 8034035051906 | Outer box        | Pcs             | 34   |
| GW40155N   | 1        | 8034035051906 | Outer box        | Pcs             | 74   |
| GW40161N   | 1        | 8034035051913 | Outer box        | Pcs             | 34   |
| GW40161N   | 1        | 8034035051913 | Outer box        | Pcs             | 74   |
| GW40162N   | 1        | 8034035051920 | Outer box        | Pcs             | 34   |
| GW40162N   | 1        | 8034035051920 | Outer box        | Pcs             | 74   |
| GW40163N   | 1        | 8034035051937 | Outer box        | Pcs             | 34   |
| GW40163N   | 1        | 8034035051937 | Outer box        | Pcs             | 74   |
| GW40164N   | 1        | 8034035051944 | Outer box        | Pcs             | 34   |
| GW40164N   | 1        | 8034035051944 | Outer box        | Pcs             | 74   |
| GW40165N   | 1        | 8034035051951 | Outer box        | Pcs             | 34   |
| GW40165N   | 1        | 8034035051951 | Outer box        | Pcs             | 74   |
| GW40173N   | 1        | 8034035051968 | Outer box        | Pcs             | 34   |
| GW40173N   | 1        | 8034035051968 | Outer box        | Pcs             | 75   |
| GW40174N   | 1        | 8034035051975 | Outer box        | Pcs             | 34   |
| GW40174N   | 1        | 8034035051975 | Outer box        | Pcs             | 75   |
| GW40178N   | 1        | 8034035051999 | Outer box        | Pcs             | 34   |
| GW40178N   | 1        | 8034035051999 | Outer box        | Pcs             | 75   |
| GW40179N   | 1        | 8034035052002 | Outer box        | Pcs             | 34   |
| GW40179N   | 1        | 8034035052002 | Outer box        | Pcs             | 75   |
| GW40225TB  | 1        | 8011564442009 | Heat shrink film | Pcs             | 70   |
| GW40225BDY | 1        | 8034035138430 | Heat shrink film | Pcs             | 70   |
| GW40225TN  | 1        | 8011564442016 | Heat shrink film | Pcs             | 70   |
| GW40225VA  | 1        | 8011564442023 | Heat shrink film | Pcs             | 70   |
| GW40225VT  | 1        | 8011564442030 | Heat shrink film | Pcs             | 70   |
| GW40229TB  | 1        | 8011564442047 | Heat shrink film | Pcs             | 70   |
| GW40229BDY | 1        | 8034035138447 | Heat shrink film | Pcs             | 70   |
| GW40229TN  | 1        | 8011564442054 | Heat shrink film | Pcs             | 70   |
| GW40229VA  | 1        | 8011564442061 | Heat shrink film | Pcs             | 70   |
| GW40229VT  | 1        | 8011564442078 | Heat shrink film | Pcs             | 70   |
| GW40233TB  | 1        | 8011564442085 | Heat shrink film | Pcs             | 70   |
| GW40233BDY | 1        | 8034035138454 | Heat shrink film | Pcs             | 70   |
| GW40233TN  | 1        | 8011564442092 | Heat shrink film | Pcs             | 70   |
| GW40233VA  | 1        | 8011564442108 | Heat shrink film | Pcs             | 70   |
| GW40233VT  | 1        | 8011564442115 | Heat shrink film | Pcs             | 70   |
| GW40237TB  | 1        | 8011564442122 | Heat shrink film | Pcs             | 70   |
| GW40237BDY | 1        | 8034035138461 | Heat shrink film | Pcs             | 70   |
| GW40237TN  | 1        | 8011564442139 | Heat shrink film | Pcs             | 70   |
| GW40237VA  | 1        | 8011564442146 | Heat shrink film | Pcs             | 70   |
| GW40237VT  | 1        | 8011564442153 | Heat shrink film | Pcs             | 70   |
| GW40239TB  | 1        | 8011564442160 | Bubblewrap bag   | Pcs             | 70   |
| GW40239BDY | 1        | 8034035138478 | Bubblewrap bag   | Pcs             | 70   |
| GW40239TN  | 1        | 8011564442177 | Bubblewrap bag   | Pcs             | 70   |
| GW40239VA  | 1        | 8011564442184 | Bubblewrap bag   | Pcs             | 70   |
| GW40239VT  | 1        | 8011564442191 | Bubblewrap bag   | Pcs             | 70   |
| GW40285TB  | 1        | 8011564856585 | Heat shrink film | Pcs             | 71   |
| GW40287TB  | 1        | 8011564856578 | Heat shrink film | Pcs             | 71   |
| GW40289TB  | 1        | 8011564856592 | Heat shrink film | Pcs             | 71   |
| GW40293TB  | 1        | 8011564856608 | Heat shrink film | Pcs             | 71   |
| GW40299TB  | 1        | 8011564856615 | Bubblewrap bag   | Pcs             | 71   |
| GW40390C   | 1        | 8034035024009 | Outer box        | Pcs             | 64   |
| GW40390F   | 1        | 8034035024016 | Outer box        | Pcs             | 64   |
| GW40401    | 1        | 8011564012660 | Bag              | Pcs             | 30   |
| GW40401    | 1        | 8011564012660 | Bag              | Pcs             | 63   |
| GW40402    | 1        | 8011564012677 | Bag              | Pcs             | 30   |
| GW40402    | 1        | 8011564012677 | Bag              | Pcs             | 63   |
| GW40404    | 1        | 8011564063013 | Bag              | Pcs             | 30   |
| GW40404    | 1        | 8011564063013 | Bag              | Pcs             | 63   |
| GW40408B   | 1        | 8011564854628 | Bag              | Pcs             | 30   |
| GW40408B   | 1        | 8011564854628 | Bag              | Pcs             | 63   |
| GW40408U   | 1        | 8011564854611 | Bag              | Pcs             | 30   |
| GW40408U   | 1        | 8011564854611 | Bag              | Pcs             | 63   |

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW40412B  | 1        | 8011564854659 | Bag              | Pcs             | 30   |
| GW40412B  | 1        | 8011564854659 | Bag              | Pcs             | 63   |
| GW40412U  | 1        | 8011564854642 | Bag              | Pcs             | 30   |
| GW40412U  | 1        | 8011564854642 | Bag              | Pcs             | 63   |
| GW40418B  | 1        | 8011564854680 | Bag              | Pcs             | 30   |
| GW40418B  | 1        | 8011564854680 | Bag              | Pcs             | 63   |
| GW40418U  | 1        | 8011564854673 | Bag              | Pcs             | 30   |
| GW40418U  | 1        | 8011564854673 | Bag              | Pcs             | 63   |
| GW40422   | 1        | 8011564033405 | Bag              | Pcs             | 30   |
| GW40422   | 1        | 8011564033405 | Bag              | Pcs             | 33   |
| GW40422   | 1        | 8011564033405 | Bag              | Pcs             | 36   |
| GW40422   | 1        | 8011564033405 | Bag              | Pcs             | 43   |
| GW40422   | 1        | 8011564033405 | Bag              | Pcs             | 63   |
| GW40422   | 1        | 8011564033405 | Bag              | Pcs             | 64   |
| GW40422U  | 1        | 8011564854666 | Bag              | Pcs             | 30   |
| GW40422U  | 1        | 8011564854666 | Bag              | Pcs             | 63   |
| GW40423   | 10       | 8011564672581 | Bag              | Pcs             | 44   |
| GW40425   | 10       | 8011564385252 | Outer box        | Pcs             | 65   |
| GW40454N  | 1        | 8034035052040 | Inner box        | Pcs             | 35   |
| GW40454N  | 1        | 8034035052040 | Inner box        | Pcs             | 76   |
| GW40455N  | 1        | 8034035052057 | Inner box        | Pcs             | 35   |
| GW40455N  | 1        | 8034035052057 | Inner box        | Pcs             | 76   |
| GW40461N  | 1        | 8034035052026 | Bag              | Pcs             | 35   |
| GW40461N  | 1        | 8034035052026 | Bag              | Pcs             | 76   |
| GW40463N  | 1        | 8034035052033 | Bag              | Pcs             | 35   |
| GW40463N  | 1        | 8034035052033 | Bag              | Pcs             | 76   |
| GW40467   | 10       | 8011564672598 | Bag              | Pcs             | 35   |
| GW40467   | 10       | 8011564672598 | Bag              | Pcs             | 63   |
| GW40467   | 10       | 8011564672598 | Bag              | Pcs             | 76   |
| GW40501   | 1        | 8011564081550 | Inner box        | Pcs             | 35   |
| GW40502   | 1        | 8011564081567 | Inner box        | Pcs             | 35   |
| GW40503   | 1        | 8011564081574 | Inner box        | Pcs             | 35   |
| GW40504   | 1        | 8011564081581 | Inner box        | Pcs             | 35   |
| GW40506   | 1        | 8011564818811 | Heat shrink film | Pcs             | 37   |
| GW40508DT | 1        | 8034035019203 | Inner box        | Pcs             | 37   |
| GW40508ST | 1        | 8034035019210 | Inner box        | Pcs             | 37   |
| GW40509DT | 1        | 8034035019227 | Inner box        | Pcs             | 37   |
| GW40509QT | 1        | 8034035019234 | Inner box        | Pcs             | 37   |
| GW40510   | 1        | 8034035019241 | Inner box        | Pcs             | 38   |
| GW40511   | 1        | 8011564081598 | Inner box        | Pcs             | 35   |
| GW40512   | 1        | 8011564081604 | Inner box        | Pcs             | 35   |
| GW40531   | 1        | 8011564081772 | Inner box        | Pcs             | 36   |
| GW40532   | 1        | 8011564081789 | Inner box        | Pcs             | 36   |
| GW40533   | 1        | 8011564081796 | Inner box        | Pcs             | 36   |
| GW40534   | 1        | 8011564081802 | Inner box        | Pcs             | 36   |
| GW40536   | 1        | 8011564081819 | Inner box        | Pcs             | 36   |
| GW40537   | 1        | 8011564081826 | Inner box        | Pcs             | 36   |
| GW40538   | 1        | 8011564081833 | Inner box        | Pcs             | 36   |
| GW40539   | 1        | 8011564081840 | Inner box        | Pcs             | 36   |
| GW40541   | 1        | 8011564081857 | Inner box        | Pcs             | 36   |
| GW40542   | 1        | 8011564081864 | Inner box        | Pcs             | 36   |
| GW40596   | 1        | 8011564818712 | Bag              | Pcs             | 38   |
| GW40597   | 1        | 8011564818729 | Bag              | Pcs             | 38   |
| GW40601   | 1        | 8011564062399 | Heat shrink film | Pcs             | 72   |
| GW40602   | 1        | 8011564062412 | Heat shrink film | Pcs             | 72   |
| GW40603   | 1        | 8011564062436 | Heat shrink film | Pcs             | 72   |
| GW40604   | 1        | 8011564062443 | Heat shrink film | Pcs             | 72   |
| GW40604BS | 1        | 8011564896895 | Heat shrink film | Pcs             | 72   |
| GW40605   | 1        | 8011564062450 | Heat shrink film | Pcs             | 72   |
| GW40605BS | 1        | 8011564896901 | Heat shrink film | Pcs             | 72   |
| GW40605PM | 1        | 8011564801875 | Heat shrink film | Pcs             | 62   |
| GW40606   | 1        | 8011564062498 | Heat shrink film | Pcs             | 72   |
| GW40606BD | 1        | 8011564896932 | Heat shrink film | Pcs             | 73   |
| GW40606BS | 1        | 8011564896925 | Heat shrink film | Pcs             | 73   |
| GW40606PM | 1        | 8011564801882 | Heat shrink film | Pcs             | 62   |

# Quick Reference

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW40608   | 1        | 8011564062467 | Heat shrink film | Pcs             | 72   |
| GW40608BS | 1        | 8011564896918 | Heat shrink film | Pcs             | 72   |
| GW40609   | 1        | 8011564062511 | Bubblewrap bag   | Pcs             | 72   |
| GW40609BD | 1        | 8011564896956 | Bubblewrap bag   | Pcs             | 73   |
| GW40609BS | 1        | 8011564896949 | Heat shrink film | Pcs             | 73   |
| GW40609PM | 1        | 8011564801899 | Bubblewrap bag   | Pcs             | 62   |
| GW40610   | 1        | 8011564062535 | Bubblewrap bag   | Pcs             | 72   |
| GW40610BD | 1        | 8011564896970 | Bubblewrap bag   | Pcs             | 73   |
| GW40610BT | 1        | 8011564896987 | Bubblewrap bag   | Pcs             | 73   |
| GW40610PM | 1        | 8011564801905 | Bubblewrap bag   | Pcs             | 62   |
| GW40611   | 1        | 8011564062559 | Outer box        | Pcs             | 72   |
| GW40611BD | 1        | 8011564896994 | Outer box        | Pcs             | 73   |
| GW40611BQ | 1        | 8011564897007 | Outer box        | Pcs             | 73   |
| GW40611PM | 1        | 8011564802018 | Outer box        | Pcs             | 62   |
| GW40688PM | 1        | 8034035024023 | Unpacked         | Pcs             | 64   |
| GW40689PM | 1        | 8034035024030 | Unpacked         | Pcs             | 64   |

## GW 42

|         |   |               |                  |     |    |
|---------|---|---------------|------------------|-----|----|
| GW42001 | 1 | 8011564012714 | Heat shrink film | Pcs | 56 |
| GW42002 | 1 | 8011564012721 | Heat shrink film | Pcs | 56 |
| GW42003 | 1 | 8011564012738 | Heat shrink film | Pcs | 56 |
| GW42004 | 1 | 8011564012745 | Heat shrink film | Pcs | 56 |
| GW42005 | 1 | 8011564012752 | Heat shrink film | Pcs | 56 |
| GW42006 | 1 | 8011564012769 | Heat shrink film | Pcs | 56 |
| GW42007 | 1 | 8011564012776 | Heat shrink film | Pcs | 56 |
| GW42008 | 1 | 8011564012783 | Heat shrink film | Pcs | 56 |
| GW42009 | 1 | 8011564012790 | Heat shrink film | Pcs | 56 |
| GW42010 | 1 | 8011564012806 | Heat shrink film | Pcs | 56 |
| GW42201 | 1 | 8011564033412 | Inner box        | Pcs | 40 |
| GW42202 | 1 | 8011564033429 | Inner box        | Pcs | 41 |
| GW42203 | 1 | 8011564033436 | Inner box        | Pcs | 41 |
| GW42204 | 1 | 8011564063969 | Inner box        | Pcs | 40 |
| GW42206 | 1 | 8011564063976 | Inner box        | Pcs | 41 |
| GW42207 | 1 | 8011564063983 | Inner box        | Pcs | 41 |
| GW42208 | 1 | 8011564063990 | Inner box        | Pcs | 41 |
| GW42211 | 1 | 8011564033443 | Bag              | Pcs | 42 |
| GW42212 | 1 | 8011564033450 | Bag              | Pcs | 42 |
| GW42213 | 1 | 8011564064027 | Bag              | Pcs | 42 |
| GW42214 | 1 | 8011564073180 | Bag              | Pcs | 42 |
| GW42216 | 1 | 8011564040311 | Bag              | Pcs | 42 |
| GW42231 | 1 | 8011564064003 | Inner box        | Pcs | 41 |
| GW42232 | 1 | 8011564064010 | Inner box        | Pcs | 41 |

## GW 43

|          |   |               |                |     |    |
|----------|---|---------------|----------------|-----|----|
| GW43021S | 1 | 8011564279766 | Outer box      | Pcs | 33 |
| GW43022S | 1 | 8011564279773 | Outer box      | Pcs | 33 |
| GW43023S | 1 | 8011564279780 | Outer box      | Pcs | 33 |
| GW43024S | 1 | 8011564279797 | Outer box      | Pcs | 33 |
| GW43071S | 1 | 8011564279964 | Bubblewrap bag | Pcs | 33 |
| GW43072S | 1 | 8011564279971 | Bubblewrap bag | Pcs | 33 |
| GW43073S | 1 | 8011564279988 | Bubblewrap bag | Pcs | 33 |
| GW43074S | 1 | 8011564279995 | Bag            | Pcs | 33 |

## GW 44

|            |   |               |                  |     |    |
|------------|---|---------------|------------------|-----|----|
| GW44001DY  | 1 | 8034035083150 | Heat shrink film | Pcs | 46 |
| GW44002DY  | 1 | 8034035067532 | Unpacked         | Pcs | 46 |
| GW44003DY  | 1 | 8034035067631 | Unpacked         | Pcs | 46 |
| GW44003DY6 | 1 | 8034035116698 | Heat shrink film | Pcs | 46 |
| GW44004    | 1 | 8011564013698 | Heat shrink film | Pcs | 46 |
| GW44005    | 1 | 8011564013704 | Heat shrink film | Pcs | 46 |
| GW44006    | 1 | 8011564013711 | Heat shrink film | Pcs | 46 |
| GW44007    | 1 | 8011564013728 | Heat shrink film | Pcs | 46 |
| GW44008    | 1 | 8011564013735 | Heat shrink film | Pcs | 46 |
| GW44009    | 1 | 8011564013742 | Heat shrink film | Pcs | 46 |
| GW44010    | 1 | 8011564013759 | Heat shrink film | Pcs | 46 |
| GW44011    | 1 | 8011564013766 | Heat shrink film | Pcs | 46 |

| Code     | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|----------|----------|---------------|------------------|-----------------|------|
| GW44024  | 1        | 8011564177017 | Heat shrink film | Pcs             | 46   |
| GW44026  | 1        | 8011564177024 | Heat shrink film | Pcs             | 46   |
| GW44051  | 5        | 8011564540255 | Heat shrink film | Pcs             | 49   |
| GW44051R | 5        | 8011564607613 | Heat shrink film | Pcs             | 50   |
| GW44052  | 5        | 8011564570528 | Heat shrink film | Pcs             | 49   |
| GW44053  | 5        | 8011564540231 | Heat shrink film | Pcs             | 49   |
| GW44053R | 5        | 8011564607644 | Heat shrink film | Pcs             | 50   |
| GW44054  | 1        | 8011564180413 | Heat shrink film | Pcs             | 49   |
| GW44054R | 1        | 8011564261624 | Heat shrink film | Pcs             | 50   |
| GW44055  | 1        | 8011564243835 | Heat shrink film | Pcs             | 50   |
| GW44056  | 1        | 8011564180437 | Heat shrink film | Pcs             | 49   |
| GW44056R | 1        | 8011564261648 | Heat shrink film | Pcs             | 50   |
| GW44057  | 1        | 8011564180345 | Heat shrink film | Pcs             | 50   |
| GW44058  | 1        | 8011564180376 | Heat shrink film | Pcs             | 50   |
| GW44059  | 1        | 8011564243842 | Heat shrink film | Pcs             | 50   |
| GW44060  | 1        | 8011564243859 | Heat shrink film | Pcs             | 50   |
| GW44061  | 1        | 8011564243866 | Heat shrink film | Pcs             | 50   |
| GW44114  | 1        | 8011564763470 | Heat shrink film | Pcs             | 48   |
| GW44117  | 1        | 8011564763487 | Heat shrink film | Pcs             | 48   |
| GW44118  | 1        | 8011564763494 | Heat shrink film | Pcs             | 48   |
| GW44119  | 1        | 8011564763500 | Heat shrink film | Pcs             | 48   |
| GW44120  | 1        | 8011564763517 | Heat shrink film | Pcs             | 48   |
| GW44137  | 1        | 8011564763531 | Heat shrink film | Pcs             | 48   |
| GW44138  | 1        | 8011564763548 | Heat shrink film | Pcs             | 48   |
| GW44139  | 1        | 8011564763555 | Heat shrink film | Pcs             | 48   |
| GW44140  | 1        | 8011564763562 | Heat shrink film | Pcs             | 48   |
| GW44204  | 1        | 8011564013773 | Heat shrink film | Pcs             | 47   |
| GW44205  | 1        | 8011564013780 | Heat shrink film | Pcs             | 47   |
| GW44206  | 1        | 8011564013797 | Heat shrink film | Pcs             | 47   |
| GW44207  | 1        | 8011564013803 | Heat shrink film | Pcs             | 47   |
| GW44208  | 1        | 8011564013810 | Heat shrink film | Pcs             | 47   |
| GW44209  | 1        | 8011564013827 | Heat shrink film | Pcs             | 47   |
| GW44210  | 1        | 8011564013834 | Heat shrink film | Pcs             | 47   |
| GW44211  | 1        | 8011564013841 | Heat shrink film | Pcs             | 47   |
| GW44214  | 1        | 8011564013858 | Heat shrink film | Pcs             | 47   |
| GW44216  | 1        | 8011564013872 | Heat shrink film | Pcs             | 47   |
| GW44217  | 1        | 8011564013889 | Heat shrink film | Pcs             | 47   |
| GW44218  | 1        | 8011564013896 | Heat shrink film | Pcs             | 47   |
| GW44219  | 1        | 8011564013902 | Heat shrink film | Pcs             | 47   |
| GW44220  | 1        | 8011564013919 | Heat shrink film | Pcs             | 47   |
| GW44221  | 1        | 8011564013926 | Heat shrink film | Pcs             | 47   |
| GW44234  | 1        | 8011564196223 | Heat shrink film | Pcs             | 47   |
| GW44236  | 1        | 8011564196230 | Heat shrink film | Pcs             | 47   |
| GW44254  | 1        | 8011564298729 | Heat shrink film | Pcs             | 51   |
| GW44255  | 1        | 8011564298736 | Heat shrink film | Pcs             | 51   |
| GW44256  | 1        | 8011564298743 | Heat shrink film | Pcs             | 51   |
| GW44257  | 1        | 8011564298750 | Heat shrink film | Pcs             | 51   |
| GW44258  | 1        | 8011564298767 | Heat shrink film | Pcs             | 51   |
| GW44259  | 1        | 8011564298774 | Heat shrink film | Pcs             | 51   |
| GW44260  | 1        | 8011564298781 | Heat shrink film | Pcs             | 51   |
| GW44261  | 1        | 8011564298798 | Heat shrink film | Pcs             | 51   |
| GW44274  | 1        | 8011564217812 | Heat shrink film | Pcs             | 51   |
| GW44275  | 1        | 8011564217652 | Heat shrink film | Pcs             | 51   |
| GW44276  | 1        | 8011564217669 | Heat shrink film | Pcs             | 51   |
| GW44276C | 1        | 8011564718913 | Heat shrink film | Pcs             | 51   |
| GW44277  | 1        | 8011564217713 | Heat shrink film | Pcs             | 51   |
| GW44277C | 1        | 8011564718920 | Heat shrink film | Pcs             | 51   |
| GW44278  | 1        | 8011564217676 | Heat shrink film | Pcs             | 51   |
| GW44279  | 1        | 8011564229273 | Heat shrink film | Pcs             | 51   |
| GW44280  | 1        | 8011564229266 | Heat shrink film | Pcs             | 51   |
| GW44281  | 1        | 8011564243873 | Heat shrink film | Pcs             | 51   |
| GW44404  | 1        | 8011564013933 | Heat shrink film | Pcs             | 52   |
| GW44405  | 1        | 8011564013940 | Heat shrink film | Pcs             | 52   |
| GW44406  | 1        | 8011564013957 | Heat shrink film | Pcs             | 52   |
| GW44407  | 1        | 8011564013964 | Heat shrink film | Pcs             | 52   |

| Code      | Quantity | Barcode       | Packaging type   | Unit of measure | Page |
|-----------|----------|---------------|------------------|-----------------|------|
| GW44408   | 1        | 8011564013971 | Heat shrink film | Pcs             | 52   |
| GW44409   | 1        | 8011564013988 | Heat shrink film | Pcs             | 52   |
| GW44410   | 1        | 8011564013995 | Heat shrink film | Pcs             | 52   |
| GW44411   | 1        | 8011564014008 | Heat shrink film | Pcs             | 52   |
| GW44414   | 1        | 8011564014015 | Heat shrink film | Pcs             | 52   |
| GW44415   | 1        | 8011564014022 | Heat shrink film | Pcs             | 52   |
| GW44416   | 1        | 8011564014039 | Heat shrink film | Pcs             | 52   |
| GW44417   | 1        | 8011564014046 | Heat shrink film | Pcs             | 52   |
| GW44418   | 1        | 8011564014053 | Heat shrink film | Pcs             | 52   |
| GW44419   | 1        | 8011564014060 | Heat shrink film | Pcs             | 52   |
| GW44420   | 1        | 8011564014077 | Heat shrink film | Pcs             | 52   |
| GW44421   | 1        | 8011564014084 | Heat shrink film | Pcs             | 52   |
| GW44426   | 1        | 8011564014091 | Heat shrink film | Pcs             | 53   |
| GW44427   | 1        | 8011564014107 | Heat shrink film | Pcs             | 53   |
| GW44428   | 1        | 8011564014114 | Heat shrink film | Pcs             | 53   |
| GW44429   | 1        | 8011564014121 | Heat shrink film | Pcs             | 53   |
| GW44430   | 1        | 8011564014138 | Heat shrink film | Pcs             | 53   |
| GW44431   | 1        | 8011564014145 | Heat shrink film | Pcs             | 53   |
| GW44436   | 1        | 8011564014152 | Heat shrink film | Pcs             | 53   |
| GW44437   | 1        | 8011564014169 | Heat shrink film | Pcs             | 53   |
| GW44438   | 1        | 8011564014176 | Heat shrink film | Pcs             | 53   |
| GW44439   | 1        | 8011564014183 | Heat shrink film | Pcs             | 53   |
| GW44440   | 1        | 8011564014190 | Heat shrink film | Pcs             | 53   |
| GW44441   | 1        | 8011564014206 | Heat shrink film | Pcs             | 53   |
| GW44615   | 1        | 8011564014237 | Bag              | Pcs             | 53   |
| GW44615   | 1        | 8011564014237 | Bag              | Pcs             | 58   |
| GW44616   | 1        | 8011564014244 | Bag              | Pcs             | 53   |
| GW44616   | 1        | 8011564014244 | Bag              | Pcs             | 58   |
| GW44617   | 1        | 8011564014251 | Bag              | Pcs             | 53   |
| GW44617   | 1        | 8011564014251 | Bag              | Pcs             | 58   |
| GW44618   | 1        | 8011564014268 | Bag              | Pcs             | 53   |
| GW44619   | 1        | 8011564014275 | Bag              | Pcs             | 53   |
| GW44621   | 40       | 8011564324015 | Inner box        | Pcs             | 44   |
| GW44622   | 10       | 8011564341098 | Bag              | Pcs             | 44   |
| GW44622   | 10       | 8011564341098 | Bag              | Pcs             | 54   |
| GW44623   | 10       | 8011564341074 | Bag              | Pcs             | 44   |
| GW44623   | 10       | 8011564341074 | Bag              | Pcs             | 54   |
| GW44625   | 1        | 8011564028456 | Bag              | Pcs             | 53   |
| GW44625   | 1        | 8011564028456 | Bag              | Pcs             | 58   |
| GW44626   | 1        | 8011564028715 | Bag              | Pcs             | 53   |
| GW44626   | 1        | 8011564028715 | Bag              | Pcs             | 58   |
| GW44627   | 1        | 8011564028708 | Bag              | Pcs             | 58   |
| GW44636   | 1        | 8011564028609 | Bag              | Pcs             | 21   |
| GW44637   | 1        | 8011564028616 | Bag              | Pcs             | 21   |
| GW44638   | 1        | 8011564028623 | Bag              | Pcs             | 21   |
| GW44639   | 1        | 8011564028630 | Bag              | Pcs             | 21   |
| GW44646   | 1        | 8011564028678 | Bag              | Pcs             | 22   |
| GW44647   | 1        | 8011564028661 | Bag              | Pcs             | 22   |
| GW44648   | 1        | 8011564028654 | Bag              | Pcs             | 22   |
| GW44649   | 1        | 8011564028647 | Bag              | Pcs             | 22   |
| GW44691DY | 1        | 8034035067716 | Heat shrink film | Pcs             | 20   |
| GW44693   | 1        | 8011564064379 | Inner box        | Pcs             | 20   |
| GW44696DY | 1        | 8034035141331 | Bag              | Pcs             | 20   |
| GW44698   | 1        | 8011564064430 | Inner box        | Pcs             | 20   |
| GW44699   | 1        | 8011564099500 | Inner box        | Pcs             | 20   |
| GW44808   | 1        | 8011564028524 | Heat shrink film | Pcs             | 21   |
| GW44809   | 1        | 8011564028531 | Heat shrink film | Pcs             | 21   |
| GW44810   | 1        | 8011564028463 | Heat shrink film | Pcs             | 21   |
| GW44811   | 1        | 8011564028470 | Heat shrink film | Pcs             | 21   |
| GW44818   | 1        | 8011564028517 | Heat shrink film | Pcs             | 21   |
| GW44819   | 1        | 8011564028487 | Heat shrink film | Pcs             | 21   |
| GW44820   | 1        | 8011564028500 | Heat shrink film | Pcs             | 21   |
| GW44821   | 1        | 8011564028494 | Heat shrink film | Pcs             | 21   |
| GW44852   | 1        | 8011564111332 | Bag              | Pcs             | 22   |
| GW44853   | 1        | 8011564111349 | Bag              | Pcs             | 22   |

| Code         | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|--------------|----------|---------------|----------------|-----------------|------|
| GW44854      | 1        | 8011564111356 | Bag            | Pcs             | 22   |
| GW44855      | 1        | 8011564111363 | Bag            | Pcs             | 22   |
| <b>GW 46</b> |          |               |                |                 |      |
| GW46001F     | 1        | 8011564854703 | Outer box      | Pcs             | 16   |
| GW46002F     | 1        | 8011564854710 | Outer box      | Pcs             | 16   |
| GW46003F     | 1        | 8011564854734 | Outer box      | Pcs             | 16   |
| GW46004F     | 1        | 8011564854741 | Outer box      | Pcs             | 16   |
| GW46005F     | 1        | 8011564854758 | Outer box      | Pcs             | 16   |
| GW46006F     | 1        | 8011564854765 | Outer box      | Pcs             | 16   |
| GW46007F     | 1        | 8011564854772 | Outer box      | Pcs             | 16   |
| GW46031      | 1        | 8011564096813 | Outer box      | Pcs             | 17   |
| GW46032      | 1        | 8011564096820 | Outer box      | Pcs             | 17   |
| GW46033      | 1        | 8011564096837 | Outer box      | Pcs             | 17   |
| GW46034      | 1        | 8011564096844 | Outer box      | Pcs             | 17   |
| GW46035      | 1        | 8011564096851 | Outer box      | Pcs             | 17   |
| GW46036      | 1        | 8011564096868 | Outer box      | Pcs             | 17   |
| GW46037      | 1        | 8011564096875 | Outer box      | Pcs             | 17   |
| GW46201F     | 1        | 8011564854789 | Outer box      | Pcs             | 16   |
| GW46202F     | 1        | 8011564854796 | Outer box      | Pcs             | 16   |
| GW46203F     | 1        | 8011564854802 | Outer box      | Pcs             | 16   |
| GW46204F     | 1        | 8011564854819 | Outer box      | Pcs             | 16   |
| GW46205F     | 1        | 8011564854826 | Outer box      | Pcs             | 16   |
| GW46206F     | 1        | 8011564854833 | Outer box      | Pcs             | 16   |
| GW46207F     | 1        | 8011564854840 | Outer box      | Pcs             | 16   |
| GW46232      | 1        | 8011564096882 | Outer box      | Pcs             | 17   |
| GW46233      | 1        | 8011564096899 | Outer box      | Pcs             | 17   |
| GW46234      | 1        | 8011564096905 | Outer box      | Pcs             | 17   |
| GW46235      | 1        | 8011564096912 | Outer box      | Pcs             | 17   |
| GW46236      | 1        | 8011564096929 | Outer box      | Pcs             | 17   |
| GW46237      | 1        | 8011564096936 | Outer box      | Pcs             | 17   |
| GW46401      | 1        | 8011564013209 | Bag            | Pcs             | 19   |
| GW46402      | 1        | 8011564013216 | Bag            | Pcs             | 19   |
| GW46403      | 1        | 8011564013223 | Bag            | Pcs             | 19   |
| GW46404      | 1        | 8011564013230 | Bag            | Pcs             | 19   |
| GW46405      | 1        | 8011564013247 | Bag            | Pcs             | 19   |
| GW46407      | 1        | 8011564013261 | Outer box      | Pcs             | 19   |
| GW46408      | 1        | 8011564013278 | Bag            | Pcs             | 19   |
| GW46409      | 1        | 8011564013285 | Bag            | Pcs             | 19   |
| GW46410      | 1        | 8011564013292 | Bag            | Pcs             | 19   |
| GW46411      | 1        | 8011564013308 | Bag            | Pcs             | 19   |
| GW46412      | 1        | 8011564013315 | Bag            | Pcs             | 19   |
| GW46413      | 1        | 8011564013322 | Bag            | Pcs             | 19   |
| GW46420F     | 1        | 8011564283824 | Bag            | Pcs             | 18   |
| GW46421F     | 1        | 8011564283831 | Bag            | Pcs             | 18   |
| GW46422F     | 1        | 8011564283838 | Bag            | Pcs             | 18   |
| GW46423F     | 1        | 8011564283845 | Bag            | Pcs             | 18   |
| GW46424F     | 1        | 8011564283852 | Bag            | Pcs             | 18   |
| GW46425F     | 1        | 8011564283859 | Bag            | Pcs             | 18   |
| GW46426F     | 1        | 8011564283866 | Bag            | Pcs             | 18   |
| GW46427F     | 1        | 8011564283873 | Bag            | Pcs             | 18   |
| GW46428F     | 1        | 8011564283880 | Bag            | Pcs             | 18   |
| GW46429F     | 1        | 8011564283887 | Bag            | Pcs             | 18   |
| GW46435F     | 1        | 8011564284180 | Bag            | Pcs             | 18   |
| GW46436F     | 1        | 8011564284197 | Bag            | Pcs             | 18   |
| GW46437F     | 1        | 8011564284204 | Bag            | Pcs             | 18   |
| GW46438F     | 1        | 8011564284211 | Bag            | Pcs             | 18   |
| GW46439F     | 1        | 8011564284218 | Bag            | Pcs             | 18   |
| GW46445      | 1        | 8011564013643 | Bag            | Pcs             | 20   |
| GW46445      | 1        | 8011564013643 | Bag            | Pcs             | 22   |
| GW46446      | 1        | 8011564013650 | Bag            | Pcs             | 19   |
| GW46447      | 1        | 8011564029583 | Bag            | Pcs             | 20   |
| GW46451      | 1        | 8011564029606 | Bag            | Pcs             | 19   |
| GW46461      | 1        | 8011564027367 | Bag            | Pcs             | 19   |
| GW46462      | 1        | 8011564027374 | Bag            | Pcs             | 19   |
| GW46463      | 1        | 8011564027381 | Bag            | Pcs             | 19   |

# Quick Reference

| Code     | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|----------|----------|---------------|----------------|-----------------|------|
| GW46465  | 1        | 8011564027404 | Bag            | Pcs             | 19   |
| GW46466  | 1        | 8011564027411 | Bag            | Pcs             | 19   |
| GW46467  | 1        | 8011564027428 | Bag            | Pcs             | 19   |
| GW46475F | 1        | 8011564284234 | Bag            | Pcs             | 18   |
| GW46476F | 1        | 8011564284241 | Bag            | Pcs             | 18   |
| GW46477F | 1        | 8011564284258 | Bag            | Pcs             | 18   |
| GW46478F | 1        | 8011564284265 | Bag            | Pcs             | 18   |
| GW46479F | 1        | 8011564284272 | Outer box      | Pcs             | 18   |

| GW 48     |   |               |                  |     |    |
|-----------|---|---------------|------------------|-----|----|
| GW48001   | 1 | 8011564016385 | Unpacked         | Pcs | 78 |
| GW48001DY | 1 | 8034035137198 | Heat shrink film | Pcs | 78 |
| GW48002   | 1 | 8011564016392 | Unpacked         | Pcs | 78 |
| GW48002DY | 1 | 8034035137204 | Heat shrink film | Pcs | 78 |
| GW48003   | 1 | 8011564016408 | Unpacked         | Pcs | 78 |
| GW48003DY | 1 | 8034035137211 | Heat shrink film | Pcs | 78 |
| GW48004   | 1 | 8011564016415 | Unpacked         | Pcs | 78 |
| GW48004DY | 1 | 8034035137228 | Heat shrink film | Pcs | 78 |
| GW48005   | 1 | 8011564016422 | Unpacked         | Pcs | 78 |
| GW48005DY | 1 | 8034035137235 | Heat shrink film | Pcs | 78 |
| GW48006   | 1 | 8011564016439 | Inner box        | Pcs | 79 |
| GW48006DY | 1 | 8034035137242 | Heat shrink film | Pcs | 79 |
| GW48006PM | 1 | 8011564800960 | Inner box        | Pcs | 66 |
| GW48007   | 1 | 8011564016446 | Inner box        | Pcs | 79 |
| GW48007DY | 1 | 8034035137259 | Heat shrink film | Pcs | 79 |
| GW48007PM | 1 | 8011564800977 | Inner box        | Pcs | 66 |
| GW48008   | 1 | 8011564016453 | Inner box        | Pcs | 79 |
| GW48008DY | 1 | 8034035137266 | Heat shrink film | Pcs | 79 |
| GW48008PM | 1 | 8011564800984 | Inner box        | Pcs | 66 |
| GW48009   | 1 | 8011564016460 | Inner box        | Pcs | 79 |
| GW48009PM | 1 | 8011564800991 | Inner box        | Pcs | 66 |
| GW48010   | 1 | 8011564016477 | Inner box        | Pcs | 79 |
| GW48011   | 1 | 8011564016484 | Inner box        | Pcs | 79 |
| GW48011DY | 1 | 8034035137273 | Heat shrink film | Pcs | 79 |
| GW48012DY | 1 | 8034035014321 | Unpacked         | Pcs | 66 |
| GW48012DY | 1 | 8034035014321 | Unpacked         | Pcs | 80 |
| GW48126PM | 1 | 8011564801943 | Inner box        | Pcs | 66 |
| GW48207PM | 1 | 8011564801110 | Heat shrink film | Pcs | 67 |
| GW48211PM | 1 | 8011564801127 | Heat shrink film | Pcs | 67 |
| GW48644   | 1 | 8011564071834 | Bag              | Pcs | 43 |
| GW48645   | 1 | 8011564099487 | Bag              | Pcs | 44 |

| GW 50     |   |               |                  |     |     |
|-----------|---|---------------|------------------|-----|-----|
| GW50201DY | 1 | 8034035015205 | Bag              | Pcs | 96  |
| GW50202DY | 1 | 8034035015212 | Bag              | Pcs | 96  |
| GW50203DY | 1 | 8034035015229 | Bag              | Pcs | 96  |
| GW50204DY | 1 | 8034035015236 | Bag              | Pcs | 96  |
| GW50205   | 6 | 8011564327054 | Inner box        | Pcs | 96  |
| GW50206   | 6 | 8011564327078 | Bag              | Pcs | 96  |
| GW50207DY | 1 | 8034035015243 | Bag              | Pcs | 96  |
| GW50208DY | 1 | 8034035015250 | Bag              | Pcs | 96  |
| GW50209DY | 1 | 8034035015267 | Bag              | Pcs | 96  |
| GW50210DY | 1 | 8034035015274 | Bag              | Pcs | 96  |
| GW50211DY | 1 | 8034035077777 | Bag              | Pcs | 96  |
| GW50212   | 6 | 8011564327191 | Bag              | Pcs | 96  |
| GW50428DY | 1 | 8034035015281 | Heat shrink film | Pcs | 54  |
| GW50428DY | 1 | 8034035015281 | Heat shrink film | Pcs | 119 |
| GW50429DY | 1 | 8034035015298 | Heat shrink film | Pcs | 54  |
| GW50429DY | 1 | 8034035015298 | Heat shrink film | Pcs | 119 |
| GW50430DY | 1 | 8034035015304 | Heat shrink film | Pcs | 54  |
| GW50430DY | 1 | 8034035015304 | Heat shrink film | Pcs | 119 |
| GW50431DY | 1 | 8034035056109 | Heat shrink film | Pcs | 54  |
| GW50431DY | 1 | 8034035056109 | Heat shrink film | Pcs | 119 |
| GW50432DY | 1 | 8034035015311 | Bag              | Pcs | 54  |
| GW50432DY | 1 | 8034035015311 | Bag              | Pcs | 119 |
| GW50601DY | 1 | 8034035067723 | Bag              | Pcs | 120 |

| Code      | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|-----------|----------|---------------|----------------|-----------------|------|
| GW50602DY | 1        | 8034035067730 | Bag            | Pcs             | 120  |
| GW50603DY | 1        | 8034035067747 | Bag            | Pcs             | 120  |
| GW50604DY | 1        | 8034035067754 | Bag            | Pcs             | 120  |
| GW50605DY | 1        | 8034035077593 | Bag            | Pcs             | 120  |
| GW50606DY | 1        | 8034035077708 | Bag            | Pcs             | 120  |
| GW50607DY | 1        | 8034035077715 | Bag            | Pcs             | 120  |
| GW50608DY | 1        | 8034035077722 | Bag            | Pcs             | 120  |
| GW50628DY | 1        | 8034035067761 | Bag            | Pcs             | 120  |
| GW50630DY | 1        | 8034035077739 | Bag            | Pcs             | 120  |

| GW 52     |   |               |                  |     |     |
|-----------|---|---------------|------------------|-----|-----|
| GW52001DY | 1 | 8034035015328 | Heat shrink film | Pcs | 118 |
| GW52002DY | 1 | 8034035015335 | Heat shrink film | Pcs | 118 |
| GW52003DY | 1 | 8034035015342 | Heat shrink film | Pcs | 118 |
| GW52004DY | 1 | 8034035015359 | Heat shrink film | Pcs | 118 |
| GW52005DY | 1 | 8034035015366 | Heat shrink film | Pcs | 118 |
| GW52006DY | 1 | 8034035015373 | Heat shrink film | Pcs | 118 |
| GW52007DY | 1 | 8034035015380 | Bag              | Pcs | 118 |
| GW52043DY | 1 | 8034035067556 | Heat shrink film | Pcs | 118 |
| GW52044DY | 1 | 8034035067563 | Heat shrink film | Pcs | 118 |
| GW52045DY | 1 | 8034035067570 | Heat shrink film | Pcs | 118 |
| GW52046DY | 1 | 8034035067587 | Bag              | Pcs | 118 |
| GW52047DY | 1 | 8034035067594 | Bag              | Pcs | 118 |

| GW 68   |   |               |           |     |     |
|---------|---|---------------|-----------|-----|-----|
| GW68441 | 1 | 8011564033528 | Bag       | Pcs | 57  |
| GW68990 | 1 | 8011564834316 | Outer box | Pcs | 392 |

| GW 72   |    |               |     |     |     |
|---------|----|---------------|-----|-----|-----|
| GW72131 | 10 | 8011564917972 | Bag | Pcs | 157 |
| GW72131 | 10 | 8011564917972 | Bag | Pcs | 170 |
| GW72132 | 10 | 8011564917989 | Bag | Pcs | 157 |
| GW72132 | 10 | 8011564917989 | Bag | Pcs | 170 |
| GW72133 | 10 | 8011564918108 | Bag | Pcs | 157 |
| GW72133 | 10 | 8011564918108 | Bag | Pcs | 170 |
| GW72134 | 10 | 8011564918122 | Bag | Pcs | 157 |
| GW72134 | 10 | 8011564918122 | Bag | Pcs | 170 |
| GW72135 | 10 | 8011564918146 | Bag | Pcs | 157 |
| GW72135 | 10 | 8011564918146 | Bag | Pcs | 170 |
| GW72136 | 10 | 8011564918160 | Bag | Pcs | 157 |
| GW72136 | 10 | 8011564918160 | Bag | Pcs | 170 |

| GW 74   |    |               |     |     |    |
|---------|----|---------------|-----|-----|----|
| GW74201 | 10 | 8011564389052 | Bag | Pcs | 43 |
| GW74202 | 10 | 8011564389076 | Bag | Pcs | 43 |

| GW 90     |   |               |          |     |     |
|-----------|---|---------------|----------|-----|-----|
| GW90022   | 1 | 8011564228122 | Unpacked | Pcs | 132 |
| GW90025   | 1 | 8011564056442 | Unpacked | Pcs | 132 |
| GW90026   | 1 | 8011564056459 | Unpacked | Pcs | 132 |
| GW90026DY | 1 | 8034035027703 | Unpacked | Pcs | 132 |
| GW90027   | 1 | 8011564056466 | Unpacked | Pcs | 132 |
| GW90027DY | 1 | 8034035027710 | Unpacked | Pcs | 132 |
| GW90028   | 1 | 8011564056473 | Unpacked | Pcs | 132 |
| GW90029   | 1 | 8011564056480 | Unpacked | Pcs | 132 |
| GW90030   | 1 | 8011564056497 | Unpacked | Pcs | 132 |
| GW90031   | 1 | 8011564225220 | Unpacked | Pcs | 132 |
| GW90045   | 1 | 8011564056503 | Unpacked | Pcs | 132 |
| GW90046   | 1 | 8011564056510 | Unpacked | Pcs | 132 |
| GW90047   | 1 | 8011564056527 | Unpacked | Pcs | 132 |
| GW90048   | 1 | 8011564056534 | Unpacked | Pcs | 132 |
| GW90049   | 1 | 8011564056541 | Unpacked | Pcs | 132 |
| GW90050   | 1 | 8011564056558 | Unpacked | Pcs | 132 |
| GW90051   | 1 | 8011564225237 | Unpacked | Pcs | 132 |
| GW90065   | 1 | 8011564056565 | Unpacked | Pcs | 132 |
| GW90066   | 1 | 8011564056572 | Unpacked | Pcs | 132 |
| GW90067   | 1 | 8011564056589 | Unpacked | Pcs | 132 |

| Code         | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|--------------|----------|---------------|----------------|-----------------|------|
| GW90068      | 1        | 8011564056596 | Unpacked       | Pcs             | 132  |
| GW90069      | 1        | 8011564056602 | Unpacked       | Pcs             | 132  |
| GW90070      | 1        | 8011564056619 | Unpacked       | Pcs             | 132  |
| GW90071      | 1        | 8011564225244 | Unpacked       | Pcs             | 132  |
| GW90085      | 1        | 8011564056626 | Unpacked       | Pcs             | 132  |
| GW90086      | 1        | 8011564056633 | Unpacked       | Pcs             | 132  |
| GW90087      | 1        | 8011564056640 | Unpacked       | Pcs             | 132  |
| GW90088      | 1        | 8011564056657 | Unpacked       | Pcs             | 132  |
| GW90089      | 1        | 8011564056664 | Unpacked       | Pcs             | 132  |
| GW90090      | 1        | 8011564056671 | Unpacked       | Pcs             | 132  |
| GW90091      | 1        | 8011564225251 | Unpacked       | Pcs             | 132  |
| GW90225      | 1        | 8011564056749 | Unpacked       | Pcs             | 133  |
| GW90226      | 1        | 8011564056756 | Unpacked       | Pcs             | 133  |
| GW90227      | 1        | 8011564056763 | Unpacked       | Pcs             | 133  |
| GW90228      | 1        | 8011564056770 | Unpacked       | Pcs             | 133  |
| GW90229      | 1        | 8011564056787 | Unpacked       | Pcs             | 133  |
| GW90230      | 1        | 8011564056794 | Unpacked       | Pcs             | 133  |
| GW90231      | 1        | 8011564225275 | Unpacked       | Pcs             | 133  |
| GW90245      | 1        | 8011564056800 | Unpacked       | Pcs             | 133  |
| GW90246      | 1        | 8011564056817 | Unpacked       | Pcs             | 133  |
| GW90247      | 1        | 8011564056824 | Unpacked       | Pcs             | 133  |
| GW90248      | 1        | 8011564056831 | Unpacked       | Pcs             | 133  |
| GW90249      | 1        | 8011564056848 | Unpacked       | Pcs             | 133  |
| GW90250      | 1        | 8011564056855 | Unpacked       | Pcs             | 133  |
| GW90251      | 1        | 8011564225282 | Unpacked       | Pcs             | 133  |
| GW90265      | 1        | 8011564056862 | Unpacked       | Pcs             | 133  |
| GW90266      | 1        | 8011564056879 | Unpacked       | Pcs             | 133  |
| GW90267      | 1        | 8011564056886 | Unpacked       | Pcs             | 133  |
| GW90268      | 1        | 8011564056893 | Unpacked       | Pcs             | 133  |
| GW90269      | 1        | 8011564056909 | Unpacked       | Pcs             | 133  |
| GW90270      | 1        | 8011564056916 | Unpacked       | Pcs             | 133  |
| GW90271      | 1        | 8011564225299 | Unpacked       | Pcs             | 133  |
| GW90285      | 1        | 8011564056923 | Unpacked       | Pcs             | 133  |
| GW90286      | 1        | 8011564056930 | Unpacked       | Pcs             | 133  |
| GW90287      | 1        | 8011564056947 | Unpacked       | Pcs             | 133  |
| GW90288      | 1        | 8011564056954 | Unpacked       | Pcs             | 133  |
| GW90289      | 1        | 8011564056961 | Unpacked       | Pcs             | 133  |
| GW90290      | 1        | 8011564056978 | Unpacked       | Pcs             | 133  |
| GW90291      | 1        | 8011564225305 | Unpacked       | Pcs             | 133  |
| GW90325      | 1        | 8011564251397 | Unpacked       | Pcs             | 134  |
| GW90326      | 1        | 8011564251403 | Unpacked       | Pcs             | 134  |
| GW90327      | 1        | 8011564251410 | Unpacked       | Pcs             | 134  |
| GW90328      | 1        | 8011564251427 | Unpacked       | Pcs             | 134  |
| GW90329      | 1        | 8011564251434 | Unpacked       | Pcs             | 134  |
| GW90330      | 1        | 8011564251441 | Unpacked       | Pcs             | 134  |
| GW90331      | 1        | 8011564251458 | Unpacked       | Pcs             | 134  |
| GW90345      | 1        | 8011564776814 | Unpacked       | Pcs             | 134  |
| GW90346      | 1        | 8011564776821 | Unpacked       | Pcs             | 134  |
| GW90347      | 1        | 8011564776838 | Unpacked       | Pcs             | 134  |
| GW90348      | 1        | 8011564776845 | Unpacked       | Pcs             | 134  |
| GW90349      | 1        | 8011564776852 | Unpacked       | Pcs             | 134  |
| GW90350      | 1        | 8011564776869 | Unpacked       | Pcs             | 134  |
| GW90351      | 1        | 8011564776876 | Unpacked       | Pcs             | 134  |
| GW90602      | 1        | 8011564228115 | Unpacked       | Pcs             | 132  |
| GW90605      | 1        | 8011564180383 | Unpacked       | Pcs             | 132  |
| GW90606      | 1        | 8011564180390 | Unpacked       | Pcs             | 132  |
| GW90607      | 1        | 8011564180444 | Unpacked       | Pcs             | 132  |
| GW90608      | 1        | 8011564180451 | Unpacked       | Pcs             | 132  |
| GW90609      | 1        | 8011564180468 | Unpacked       | Pcs             | 132  |
| GW90610      | 1        | 8011564180475 | Unpacked       | Pcs             | 132  |
| GW90901N     | 1        | 8011564754249 | Inner box      | Pcs             | 126  |
| GW90902N     | 1        | 8011564754256 | Inner box      | Pcs             | 126  |
| GW90913      | 1        | 8011564804838 | Inner box      | Pcs             | 126  |
| <b>GW 92</b> |          |               |                |                 |      |
| GW92001      | 1        | 8011564056985 | Unpacked       | Pcs             | 136  |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW92002 | 1        | 8011564056992 | Unpacked       | Pcs             | 136  |
| GW92003 | 1        | 8011564057005 | Unpacked       | Pcs             | 136  |
| GW92004 | 1        | 8011564057012 | Unpacked       | Pcs             | 136  |
| GW92005 | 1        | 8011564057029 | Unpacked       | Pcs             | 136  |
| GW92006 | 1        | 8011564057036 | Unpacked       | Pcs             | 136  |
| GW92007 | 1        | 8011564057043 | Unpacked       | Pcs             | 136  |
| GW92008 | 1        | 8011564057050 | Unpacked       | Pcs             | 136  |
| GW92009 | 1        | 8011564057067 | Unpacked       | Pcs             | 136  |
| GW92010 | 1        | 8011564057074 | Unpacked       | Pcs             | 136  |
| GW92011 | 1        | 8011564057081 | Unpacked       | Pcs             | 136  |
| GW92012 | 1        | 8011564057098 | Unpacked       | Pcs             | 136  |
| GW92013 | 1        | 8011564057104 | Unpacked       | Pcs             | 136  |
| GW92014 | 1        | 8011564225336 | Unpacked       | Pcs             | 136  |
| GW92021 | 1        | 8011564057111 | Unpacked       | Pcs             | 136  |
| GW92022 | 1        | 8011564057128 | Unpacked       | Pcs             | 136  |
| GW92023 | 1        | 8011564057135 | Unpacked       | Pcs             | 136  |
| GW92024 | 1        | 8011564057142 | Unpacked       | Pcs             | 136  |
| GW92025 | 1        | 8011564057159 | Unpacked       | Pcs             | 136  |
| GW92026 | 1        | 8011564057166 | Unpacked       | Pcs             | 136  |
| GW92027 | 1        | 8011564057173 | Unpacked       | Pcs             | 136  |
| GW92028 | 1        | 8011564057180 | Unpacked       | Pcs             | 136  |
| GW92029 | 1        | 8011564057197 | Unpacked       | Pcs             | 136  |
| GW92030 | 1        | 8011564057203 | Unpacked       | Pcs             | 136  |
| GW92031 | 1        | 8011564057210 | Unpacked       | Pcs             | 136  |
| GW92032 | 1        | 8011564057227 | Unpacked       | Pcs             | 136  |
| GW92033 | 1        | 8011564057234 | Unpacked       | Pcs             | 136  |
| GW92034 | 1        | 8011564225343 | Unpacked       | Pcs             | 136  |
| GW92041 | 1        | 8011564057241 | Unpacked       | Pcs             | 136  |
| GW92042 | 1        | 8011564057258 | Unpacked       | Pcs             | 136  |
| GW92043 | 1        | 8011564057265 | Unpacked       | Pcs             | 136  |
| GW92044 | 1        | 8011564057272 | Unpacked       | Pcs             | 136  |
| GW92045 | 1        | 8011564057289 | Unpacked       | Pcs             | 136  |
| GW92046 | 1        | 8011564057296 | Unpacked       | Pcs             | 136  |
| GW92047 | 1        | 8011564057302 | Unpacked       | Pcs             | 136  |
| GW92048 | 1        | 8011564057319 | Unpacked       | Pcs             | 136  |
| GW92049 | 1        | 8011564057326 | Unpacked       | Pcs             | 136  |
| GW92050 | 1        | 8011564057333 | Unpacked       | Pcs             | 136  |
| GW92051 | 1        | 8011564057340 | Unpacked       | Pcs             | 136  |
| GW92052 | 1        | 8011564057357 | Unpacked       | Pcs             | 136  |
| GW92053 | 1        | 8011564057364 | Unpacked       | Pcs             | 136  |
| GW92054 | 1        | 8011564225350 | Unpacked       | Pcs             | 136  |
| GW92061 | 1        | 8011564057371 | Unpacked       | Pcs             | 137  |
| GW92062 | 1        | 8011564057388 | Unpacked       | Pcs             | 137  |
| GW92063 | 1        | 8011564057395 | Unpacked       | Pcs             | 137  |
| GW92064 | 1        | 8011564057401 | Unpacked       | Pcs             | 137  |
| GW92065 | 1        | 8011564057418 | Unpacked       | Pcs             | 137  |
| GW92066 | 1        | 8011564057425 | Unpacked       | Pcs             | 137  |
| GW92067 | 1        | 8011564057432 | Unpacked       | Pcs             | 137  |
| GW92068 | 1        | 8011564057449 | Unpacked       | Pcs             | 137  |
| GW92069 | 1        | 8011564057456 | Unpacked       | Pcs             | 137  |
| GW92070 | 1        | 8011564057463 | Unpacked       | Pcs             | 137  |
| GW92071 | 1        | 8011564057470 | Unpacked       | Pcs             | 137  |
| GW92072 | 1        | 8011564057487 | Unpacked       | Pcs             | 137  |
| GW92073 | 1        | 8011564057494 | Unpacked       | Pcs             | 137  |
| GW92074 | 1        | 8011564225367 | Unpacked       | Pcs             | 137  |
| GW92081 | 1        | 8011564057500 | Inner box      | Pcs             | 137  |
| GW92082 | 1        | 8011564057517 | Inner box      | Pcs             | 137  |
| GW92083 | 1        | 8011564057524 | Inner box      | Pcs             | 137  |
| GW92084 | 1        | 8011564057531 | Inner box      | Pcs             | 137  |
| GW92085 | 1        | 8011564057548 | Inner box      | Pcs             | 137  |
| GW92086 | 1        | 8011564057555 | Inner box      | Pcs             | 137  |
| GW92087 | 1        | 8011564057562 | Inner box      | Pcs             | 137  |
| GW92088 | 1        | 8011564057579 | Inner box      | Pcs             | 137  |
| GW92089 | 1        | 8011564057586 | Inner box      | Pcs             | 137  |
| GW92090 | 1        | 8011564057593 | Inner box      | Pcs             | 137  |

# Quick Reference

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW92091 | 1        | 8011564057609 | Inner box      | Pcs             | 137  |
| GW92092 | 1        | 8011564057616 | Inner box      | Pcs             | 137  |
| GW92093 | 1        | 8011564057623 | Inner box      | Pcs             | 137  |
| GW92094 | 1        | 8011564225374 | Inner box      | Pcs             | 137  |
| GW92105 | 1        | 8011564223912 | Unpacked       | Pcs             | 135  |
| GW92106 | 1        | 8011564223929 | Unpacked       | Pcs             | 135  |
| GW92107 | 1        | 8011564223936 | Unpacked       | Pcs             | 135  |
| GW92108 | 1        | 8011564223943 | Unpacked       | Pcs             | 135  |
| GW92109 | 1        | 8011564223950 | Unpacked       | Pcs             | 135  |
| GW92110 | 1        | 8011564223967 | Unpacked       | Pcs             | 135  |
| GW92111 | 1        | 8011564223974 | Unpacked       | Pcs             | 135  |
| GW92112 | 1        | 8011564223981 | Unpacked       | Pcs             | 135  |
| GW92125 | 1        | 8011564223998 | Unpacked       | Pcs             | 135  |
| GW92126 | 1        | 8011564224001 | Unpacked       | Pcs             | 135  |
| GW92127 | 1        | 8011564224018 | Unpacked       | Pcs             | 135  |
| GW92128 | 1        | 8011564224025 | Unpacked       | Pcs             | 135  |
| GW92129 | 1        | 8011564224032 | Unpacked       | Pcs             | 135  |
| GW92130 | 1        | 8011564224049 | Unpacked       | Pcs             | 135  |
| GW92131 | 1        | 8011564224056 | Unpacked       | Pcs             | 135  |
| GW92132 | 1        | 8011564224063 | Unpacked       | Pcs             | 135  |
| GW92145 | 1        | 8011564224070 | Unpacked       | Pcs             | 135  |
| GW92146 | 1        | 8011564224087 | Unpacked       | Pcs             | 135  |
| GW92147 | 1        | 8011564224094 | Unpacked       | Pcs             | 135  |
| GW92148 | 1        | 8011564224100 | Unpacked       | Pcs             | 135  |
| GW92149 | 1        | 8011564224117 | Unpacked       | Pcs             | 135  |
| GW92150 | 1        | 8011564224124 | Unpacked       | Pcs             | 135  |
| GW92151 | 1        | 8011564224131 | Unpacked       | Pcs             | 135  |
| GW92152 | 1        | 8011564224148 | Unpacked       | Pcs             | 135  |
| GW92165 | 1        | 8011564224155 | Unpacked       | Pcs             | 135  |
| GW92166 | 1        | 8011564224162 | Unpacked       | Pcs             | 135  |
| GW92167 | 1        | 8011564224179 | Unpacked       | Pcs             | 135  |
| GW92168 | 1        | 8011564224186 | Unpacked       | Pcs             | 135  |
| GW92169 | 1        | 8011564224193 | Unpacked       | Pcs             | 135  |
| GW92170 | 1        | 8011564224209 | Unpacked       | Pcs             | 135  |
| GW92171 | 1        | 8011564224216 | Unpacked       | Pcs             | 135  |
| GW92172 | 1        | 8011564224223 | Unpacked       | Pcs             | 135  |
| GW92185 | 1        | 8011564578159 | Inner box      | Pcs             | 135  |
| GW92186 | 1        | 8011564224247 | Inner box      | Pcs             | 135  |
| GW92187 | 1        | 8011564578197 | Inner box      | Pcs             | 135  |
| GW92188 | 1        | 8011564578210 | Inner box      | Pcs             | 135  |
| GW92189 | 1        | 8011564578234 | Inner box      | Pcs             | 135  |
| GW92190 | 1        | 8011564578258 | Inner box      | Pcs             | 135  |
| GW92191 | 1        | 8011564578272 | Inner box      | Pcs             | 135  |
| GW92192 | 1        | 8011564578296 | Inner box      | Pcs             | 135  |
| GW92205 | 1        | 8011564057630 | Unpacked       | Pcs             | 138  |
| GW92206 | 1        | 8011564057647 | Unpacked       | Pcs             | 138  |
| GW92207 | 1        | 8011564057654 | Unpacked       | Pcs             | 138  |
| GW92208 | 1        | 8011564057661 | Unpacked       | Pcs             | 138  |
| GW92209 | 1        | 8011564057678 | Unpacked       | Pcs             | 138  |
| GW92210 | 1        | 8011564057685 | Unpacked       | Pcs             | 138  |
| GW92211 | 1        | 8011564057692 | Unpacked       | Pcs             | 138  |
| GW92212 | 1        | 8011564057708 | Unpacked       | Pcs             | 138  |
| GW92213 | 1        | 8011564057715 | Unpacked       | Pcs             | 138  |
| GW92214 | 1        | 8011564225381 | Unpacked       | Pcs             | 138  |
| GW92245 | 1        | 8011564057722 | Unpacked       | Pcs             | 138  |
| GW92246 | 1        | 8011564057739 | Unpacked       | Pcs             | 138  |
| GW92247 | 1        | 8011564057746 | Unpacked       | Pcs             | 138  |
| GW92248 | 1        | 8011564057753 | Unpacked       | Pcs             | 138  |
| GW92249 | 1        | 8011564057760 | Unpacked       | Pcs             | 138  |
| GW92250 | 1        | 8011564057777 | Unpacked       | Pcs             | 138  |
| GW92251 | 1        | 8011564057784 | Unpacked       | Pcs             | 138  |
| GW92252 | 1        | 8011564057791 | Unpacked       | Pcs             | 138  |
| GW92253 | 1        | 8011564057807 | Unpacked       | Pcs             | 138  |
| GW92254 | 1        | 8011564225398 | Unpacked       | Pcs             | 138  |
| GW92265 | 1        | 8011564057814 | Unpacked       | Pcs             | 138  |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW92266 | 1        | 8011564057821 | Unpacked       | Pcs             | 138  |
| GW92267 | 1        | 8011564057838 | Unpacked       | Pcs             | 138  |
| GW92268 | 1        | 8011564057845 | Unpacked       | Pcs             | 138  |
| GW92269 | 1        | 8011564057852 | Unpacked       | Pcs             | 138  |
| GW92270 | 1        | 8011564057869 | Unpacked       | Pcs             | 138  |
| GW92271 | 1        | 8011564057876 | Unpacked       | Pcs             | 138  |
| GW92272 | 1        | 8011564057883 | Unpacked       | Pcs             | 138  |
| GW92273 | 1        | 8011564057890 | Unpacked       | Pcs             | 138  |
| GW92274 | 1        | 8011564225404 | Unpacked       | Pcs             | 138  |
| GW92285 | 1        | 8011564057906 | Inner box      | Pcs             | 138  |
| GW92286 | 1        | 8011564057913 | Inner box      | Pcs             | 138  |
| GW92287 | 1        | 8011564057920 | Inner box      | Pcs             | 138  |
| GW92288 | 1        | 8011564057937 | Inner box      | Pcs             | 138  |
| GW92289 | 1        | 8011564057944 | Inner box      | Pcs             | 138  |
| GW92290 | 1        | 8011564057951 | Inner box      | Pcs             | 138  |
| GW92291 | 1        | 8011564057968 | Inner box      | Pcs             | 138  |
| GW92292 | 1        | 8011564057975 | Inner box      | Pcs             | 138  |
| GW92293 | 1        | 8011564057982 | Inner box      | Pcs             | 138  |
| GW92294 | 1        | 8011564225411 | Inner box      | Pcs             | 138  |

## GW 94

|           |   |               |           |     |     |
|-----------|---|---------------|-----------|-----|-----|
| GW94005   | 1 | 8011564059375 | Inner box | Pcs | 142 |
| GW94006   | 1 | 8011564059382 | Inner box | Pcs | 142 |
| GW94007   | 1 | 8011564059399 | Inner box | Pcs | 142 |
| GW94007DY | 1 | 8034035053382 | Outer box | Pcs | 142 |
| GW94008   | 1 | 8011564059405 | Inner box | Pcs | 142 |
| GW94009   | 1 | 8011564059412 | Inner box | Pcs | 142 |
| GW94009DY | 1 | 8034035053399 | Outer box | Pcs | 142 |
| GW94010   | 1 | 8011564059429 | Inner box | Pcs | 142 |
| GW94011   | 1 | 8011564225541 | Inner box | Pcs | 142 |
| GW94025   | 1 | 8011564059498 | Inner box | Pcs | 142 |
| GW94026   | 1 | 8011564059504 | Inner box | Pcs | 142 |
| GW94027   | 1 | 8011564059511 | Inner box | Pcs | 142 |
| GW94028   | 1 | 8011564059528 | Inner box | Pcs | 142 |
| GW94029   | 1 | 8011564059535 | Inner box | Pcs | 142 |
| GW94030   | 1 | 8011564059542 | Inner box | Pcs | 142 |
| GW94031   | 1 | 8011564225558 | Inner box | Pcs | 142 |
| GW94045   | 1 | 8011564059610 | Inner box | Pcs | 142 |
| GW94046   | 1 | 8011564059627 | Inner box | Pcs | 142 |
| GW94047   | 1 | 8011564059634 | Inner box | Pcs | 142 |
| GW94048   | 1 | 8011564059641 | Inner box | Pcs | 142 |
| GW94049   | 1 | 8011564059658 | Inner box | Pcs | 142 |
| GW94050   | 1 | 8011564059665 | Inner box | Pcs | 142 |
| GW94051   | 1 | 8011564225565 | Inner box | Pcs | 142 |
| GW94065   | 1 | 8011564059733 | Inner box | Pcs | 142 |
| GW94066   | 1 | 8011564059740 | Inner box | Pcs | 142 |
| GW94067   | 1 | 8011564059757 | Inner box | Pcs | 142 |
| GW94068   | 1 | 8011564059764 | Inner box | Pcs | 142 |
| GW94069   | 1 | 8011564059771 | Inner box | Pcs | 142 |
| GW94070   | 1 | 8011564059788 | Inner box | Pcs | 142 |
| GW94071   | 1 | 8011564225572 | Inner box | Pcs | 142 |
| GW94105   | 1 | 8011564059856 | Inner box | Pcs | 144 |
| GW94106   | 1 | 8011564059863 | Inner box | Pcs | 144 |
| GW94107   | 1 | 8011564059870 | Inner box | Pcs | 144 |
| GW94108   | 1 | 8011564059887 | Inner box | Pcs | 144 |
| GW94109   | 1 | 8011564059894 | Inner box | Pcs | 144 |
| GW94110   | 1 | 8011564059900 | Inner box | Pcs | 144 |
| GW94111   | 1 | 8011564225589 | Inner box | Pcs | 144 |
| GW94125   | 1 | 8011564059979 | Inner box | Pcs | 144 |
| GW94126   | 1 | 8011564059986 | Inner box | Pcs | 144 |
| GW94127   | 1 | 8011564059993 | Inner box | Pcs | 144 |
| GW94128   | 1 | 8011564060005 | Inner box | Pcs | 144 |
| GW94129   | 1 | 8011564060012 | Inner box | Pcs | 144 |
| GW94130   | 1 | 8011564060029 | Inner box | Pcs | 144 |
| GW94131   | 1 | 8011564225596 | Inner box | Pcs | 144 |
| GW94145   | 1 | 8011564060098 | Inner box | Pcs | 144 |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW94146 | 1        | 8011564060104 | Inner box      | Pcs             | 144  |
| GW94147 | 1        | 8011564060111 | Inner box      | Pcs             | 144  |
| GW94148 | 1        | 8011564060128 | Inner box      | Pcs             | 144  |
| GW94149 | 1        | 8011564060135 | Inner box      | Pcs             | 144  |
| GW94150 | 1        | 8011564060142 | Inner box      | Pcs             | 144  |
| GW94151 | 1        | 8011564225602 | Inner box      | Pcs             | 144  |
| GW94165 | 1        | 8011564060210 | Inner box      | Pcs             | 144  |
| GW94166 | 1        | 8011564060227 | Inner box      | Pcs             | 144  |
| GW94167 | 1        | 8011564060234 | Inner box      | Pcs             | 144  |
| GW94168 | 1        | 8011564060241 | Inner box      | Pcs             | 144  |
| GW94169 | 1        | 8011564060258 | Inner box      | Pcs             | 144  |
| GW94170 | 1        | 8011564060265 | Inner box      | Pcs             | 144  |
| GW94171 | 1        | 8011564225619 | Inner box      | Pcs             | 144  |
| GW94205 | 1        | 8011564060333 | Inner box      | Pcs             | 143  |
| GW94206 | 1        | 8011564060340 | Inner box      | Pcs             | 143  |
| GW94207 | 1        | 8011564060357 | Inner box      | Pcs             | 143  |
| GW94208 | 1        | 8011564060364 | Inner box      | Pcs             | 143  |
| GW94209 | 1        | 8011564060371 | Inner box      | Pcs             | 143  |
| GW94210 | 1        | 8011564060388 | Inner box      | Pcs             | 143  |
| GW94211 | 1        | 8011564225626 | Inner box      | Pcs             | 143  |
| GW94225 | 1        | 8011564060456 | Inner box      | Pcs             | 143  |
| GW94226 | 1        | 8011564060463 | Inner box      | Pcs             | 143  |
| GW94227 | 1        | 8011564060470 | Inner box      | Pcs             | 143  |
| GW94228 | 1        | 8011564060487 | Inner box      | Pcs             | 143  |
| GW94229 | 1        | 8011564060494 | Inner box      | Pcs             | 143  |
| GW94230 | 1        | 8011564060500 | Inner box      | Pcs             | 143  |
| GW94231 | 1        | 8011564225633 | Inner box      | Pcs             | 143  |
| GW94245 | 1        | 8011564060579 | Inner box      | Pcs             | 143  |
| GW94246 | 1        | 8011564060586 | Inner box      | Pcs             | 143  |
| GW94247 | 1        | 8011564060593 | Inner box      | Pcs             | 143  |
| GW94248 | 1        | 8011564060609 | Inner box      | Pcs             | 143  |
| GW94249 | 1        | 8011564060616 | Inner box      | Pcs             | 143  |
| GW94250 | 1        | 8011564060623 | Inner box      | Pcs             | 143  |
| GW94251 | 1        | 8011564225640 | Inner box      | Pcs             | 143  |
| GW94265 | 1        | 8011564060692 | Inner box      | Pcs             | 143  |
| GW94266 | 1        | 8011564060708 | Inner box      | Pcs             | 143  |
| GW94267 | 1        | 8011564060715 | Inner box      | Pcs             | 143  |
| GW94268 | 1        | 8011564060722 | Inner box      | Pcs             | 143  |
| GW94269 | 1        | 8011564060739 | Inner box      | Pcs             | 143  |
| GW94270 | 1        | 8011564060746 | Inner box      | Pcs             | 143  |
| GW94271 | 1        | 8011564225657 | Inner box      | Pcs             | 143  |
| GW94305 | 1        | 8011564060814 | Inner box      | Pcs             | 145  |
| GW94306 | 1        | 8011564060821 | Inner box      | Pcs             | 145  |
| GW94307 | 1        | 8011564060838 | Inner box      | Pcs             | 145  |
| GW94308 | 1        | 8011564060845 | Inner box      | Pcs             | 145  |
| GW94309 | 1        | 8011564060852 | Inner box      | Pcs             | 145  |
| GW94310 | 1        | 8011564060869 | Inner box      | Pcs             | 145  |
| GW94311 | 1        | 8011564225664 | Inner box      | Pcs             | 145  |
| GW94325 | 1        | 8011564060937 | Inner box      | Pcs             | 145  |
| GW94326 | 1        | 8011564060944 | Inner box      | Pcs             | 145  |
| GW94327 | 1        | 8011564060951 | Inner box      | Pcs             | 145  |
| GW94328 | 1        | 8011564060968 | Inner box      | Pcs             | 145  |
| GW94329 | 1        | 8011564060975 | Inner box      | Pcs             | 145  |
| GW94330 | 1        | 8011564060982 | Inner box      | Pcs             | 145  |
| GW94331 | 1        | 8011564225671 | Inner box      | Pcs             | 145  |
| GW94345 | 1        | 8011564061057 | Inner box      | Pcs             | 145  |
| GW94346 | 1        | 8011564061064 | Inner box      | Pcs             | 145  |
| GW94347 | 1        | 8011564061071 | Inner box      | Pcs             | 145  |
| GW94348 | 1        | 8011564061088 | Inner box      | Pcs             | 145  |
| GW94349 | 1        | 8011564061095 | Inner box      | Pcs             | 145  |
| GW94350 | 1        | 8011564061101 | Inner box      | Pcs             | 145  |
| GW94351 | 1        | 8011564225688 | Inner box      | Pcs             | 145  |
| GW94365 | 1        | 8011564061170 | Inner box      | Pcs             | 145  |
| GW94366 | 1        | 8011564061187 | Inner box      | Pcs             | 145  |
| GW94367 | 1        | 8011564061194 | Inner box      | Pcs             | 145  |

| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GW94368 | 1        | 8011564061200 | Inner box      | Pcs             | 145  |
| GW94369 | 1        | 8011564061217 | Inner box      | Pcs             | 145  |
| GW94370 | 1        | 8011564061224 | Inner box      | Pcs             | 145  |
| GW94371 | 1        | 8011564225695 | Inner box      | Pcs             | 145  |
| GW94867 | 1        | 8011564214422 | Inner box      | Pcs             | 148  |
| GW94897 | 1        | 8011564214446 | Inner box      | Pcs             | 148  |

#### GW 95

|          |     |               |           |     |     |
|----------|-----|---------------|-----------|-----|-----|
| GW95105  | 1   | 8011564298897 | Inner box | Pcs | 146 |
| GW95106  | 1   | 8011564298903 | Inner box | Pcs | 146 |
| GW95107  | 1   | 8011564298910 | Inner box | Pcs | 146 |
| GW95108  | 1   | 8011564298927 | Inner box | Pcs | 146 |
| GW95109  | 1   | 8011564298934 | Inner box | Pcs | 146 |
| GW95110  | 1   | 8011564298941 | Inner box | Pcs | 146 |
| GW95111  | 1   | 8011564298958 | Inner box | Pcs | 146 |
| GW95125  | 1   | 8011564299023 | Inner box | Pcs | 146 |
| GW95126  | 1   | 8011564299030 | Inner box | Pcs | 146 |
| GW95127  | 1   | 8011564299047 | Inner box | Pcs | 146 |
| GW95128  | 1   | 8011564299054 | Inner box | Pcs | 146 |
| GW95129  | 1   | 8011564299061 | Inner box | Pcs | 146 |
| GW95130  | 1   | 8011564299078 | Inner box | Pcs | 146 |
| GW95131  | 1   | 8011564299085 | Inner box | Pcs | 146 |
| GW95145  | 1   | 8011564420007 | Inner box | Pcs | 146 |
| GW95146  | 1   | 8011564420014 | Inner box | Pcs | 146 |
| GW95147  | 1   | 8011564420021 | Inner box | Pcs | 146 |
| GW95148  | 1   | 8011564420038 | Inner box | Pcs | 146 |
| GW95149  | 1   | 8011564420045 | Inner box | Pcs | 146 |
| GW95150  | 1   | 8011564420052 | Inner box | Pcs | 146 |
| GW95151  | 1   | 8011564420069 | Inner box | Pcs | 146 |
| GW95165  | 1   | 8011564299344 | Inner box | Pcs | 146 |
| GW95166  | 1   | 8011564299351 | Inner box | Pcs | 146 |
| GW95167  | 1   | 8011564299368 | Inner box | Pcs | 146 |
| GW95168  | 1   | 8011564299375 | Inner box | Pcs | 146 |
| GW95169  | 1   | 8011564299382 | Inner box | Pcs | 146 |
| GW95170  | 1   | 8011564299399 | Inner box | Pcs | 146 |
| GW95171  | 1   | 8011564299405 | Inner box | Pcs | 146 |
| GW95521  | 1   | 8034035127748 | Inner box | Pcs | 149 |
| GW95521N | 1   | 8034035140983 | Outer box | Pcs | 150 |
| GW95522  | 1   | 8034035127755 | Inner box | Pcs | 149 |
| GW95522N | 1   | 8034035140990 | Outer box | Pcs | 150 |
| GW95523  | 1   | 8034035127762 | Inner box | Pcs | 149 |
| GW95523N | 1   | 8034035141003 | Outer box | Pcs | 150 |
| GW95524  | 1   | 8034035127779 | Inner box | Pcs | 149 |
| GW95524N | 1   | 8034035141010 | Outer box | Pcs | 150 |
| GW95525  | 1   | 8034035127786 | Inner box | Pcs | 149 |
| GW95525N | 1   | 8034035141027 | Outer box | Pcs | 150 |
| GW95526  | 1   | 8034035127793 | Inner box | Pcs | 149 |
| GW95526N | 1   | 8034035141034 | Outer box | Pcs | 150 |
| GW95527  | 117 | 8034035488436 | Outer box | Pcs | 149 |
| GW95527N | 117 | 8034035495397 | Outer box | Pcs | 150 |

#### GW 96

|         |   |               |           |     |     |
|---------|---|---------------|-----------|-----|-----|
| GW96012 | 1 | 8011564062528 | Inner box | Pcs | 154 |
| GW96015 | 1 | 8011564204874 | Inner box | Pcs | 154 |
| GW96016 | 1 | 8011564062566 | Inner box | Pcs | 154 |
| GW96104 | 1 | 8011564110250 | Unpacked  | Pcs | 159 |
| GW96105 | 1 | 8011564113695 | Unpacked  | Pcs | 159 |
| GW96106 | 1 | 8034035118678 | Unpacked  | Pcs | 159 |
| GW96114 | 1 | 8011564110298 | Unpacked  | Pcs | 159 |
| GW96115 | 1 | 8011564110304 | Unpacked  | Pcs | 159 |
| GW96116 | 1 | 8034035118692 | Unpacked  | Pcs | 159 |
| GW96124 | 1 | 8011564110373 | Unpacked  | Pcs | 159 |
| GW96125 | 1 | 8011564110380 | Unpacked  | Pcs | 159 |
| GW96126 | 1 | 8034035118807 | Unpacked  | Pcs | 159 |
| GW96134 | 1 | 8011564110458 | Inner box | Pcs | 159 |
| GW96135 | 1 | 8011564110465 | Inner box | Pcs | 159 |

# Quick Reference

| Code         | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|--------------|----------|---------------|----------------|-----------------|------|
| GW96136      | 1        | 8034035118661 | Unpacked       | Pcs             | 159  |
| GW96182      | 1        | 8034035085314 | Inner box      | Pcs             | 159  |
| GW96183      | 1        | 8034035085321 | Inner box      | Pcs             | 159  |
| GW96186      | 1        | 8011564775473 | Outer box      | Pcs             | 159  |
| GW96186      | 1        | 8011564775473 | Outer box      | Pcs             | 170  |
| GW96187      | 1        | 8011564775480 | Outer box      | Pcs             | 159  |
| GW96187      | 1        | 8011564775480 | Outer box      | Pcs             | 170  |
| GW96192      | 1        | 8034035085345 | Inner box      | Pcs             | 159  |
| GW96193      | 1        | 8034035085352 | Inner box      | Pcs             | 159  |
| GW96226      | 1        | 8011564775527 | Unpacked       | Pcs             | 157  |
| GW96226      | 1        | 8011564775527 | Unpacked       | Pcs             | 170  |
| GW96227      | 1        | 8011564775534 | Unpacked       | Pcs             | 157  |
| GW96227      | 1        | 8011564775534 | Unpacked       | Pcs             | 170  |
| GW96321      | 1        | 8011564178717 | Unpacked       | Pcs             | 168  |
| GW96322      | 1        | 8011564177062 | Unpacked       | Pcs             | 168  |
| GW96323      | 1        | 8011564176980 | Outer box      | Pcs             | 168  |
| GW96324      | 1        | 8011564177079 | Outer box      | Pcs             | 168  |
| GW96401      | 1        | 8011564063624 | Unpacked       | Pcs             | 167  |
| GW96402      | 1        | 8011564063631 | Unpacked       | Pcs             | 167  |
| GW96403      | 1        | 8011564063655 | Unpacked       | Pcs             | 167  |
| GW96406      | 1        | 8011564063662 | Unpacked       | Pcs             | 167  |
| GW96407      | 1        | 8011564063679 | Unpacked       | Pcs             | 167  |
| GW96408      | 1        | 8011564063686 | Unpacked       | Pcs             | 167  |
| GW96411      | 1        | 8011564063693 | Unpacked       | Pcs             | 167  |
| GW96421      | 1        | 8011564063709 | Unpacked       | Pcs             | 168  |
| GW96422      | 1        | 8011564063716 | Unpacked       | Pcs             | 168  |
| GW96423      | 1        | 8011564063723 | Unpacked       | Pcs             | 168  |
| GW96424      | 1        | 8011564063730 | Unpacked       | Pcs             | 168  |
| GW96425      | 1        | 8011564063747 | Unpacked       | Pcs             | 168  |
| GW96426      | 1        | 8011564063754 | Unpacked       | Pcs             | 168  |
| GW96431      | 1        | 8011564063761 | Unpacked       | Pcs             | 168  |
| GW96432      | 1        | 8011564063778 | Unpacked       | Pcs             | 168  |
| GW96433      | 1        | 8011564063785 | Unpacked       | Pcs             | 168  |
| GW96434      | 1        | 8011564063792 | Unpacked       | Pcs             | 168  |
| GW96500      | 1        | 8011564228153 | Unpacked       | Pcs             | 156  |
| GW96501      | 1        | 8011564210868 | Unpacked       | Pcs             | 156  |
| GW96503      | 1        | 8011564210899 | Unpacked       | Pcs             | 157  |
| GW96507F     | 1        | 8011564866805 | Bag            | Pcs             | 155  |
| GW96566      | 1        | 8011564447981 | Inner box      | Pcs             | 166  |
| GW96567      | 1        | 8011564447998 | Inner box      | Pcs             | 166  |
| GW96570      | 1        | 8011564448032 | Inner box      | Pcs             | 166  |
| GW96571      | 1        | 8011564448049 | Inner box      | Pcs             | 166  |
| GW96781      | 1        | 8011564291126 | Inner box      | Pcs             | 168  |
| GW96809      | 1        | 8011564728554 | Inner box      | Pcs             | 162  |
| GW96961      | 50       | 8011564626638 | Outer box      | Pcs             | 157  |
| GW96961DY    | 1        | 8034035136542 | Bag            | Pcs             | 157  |
| GW96962      | 50       | 8011564626621 | Outer box      | Pcs             | 157  |
| GW96962DY    | 1        | 8034035136559 | Bag            | Pcs             | 157  |
| GW96984      | 1        | 8011564276345 | Unpacked       | Pcs             | 156  |
| GW96985      | 1        | 8011564276352 | Unpacked       | Pcs             | 156  |
| GW96986      | 1        | 8011564276369 | Unpacked       | Pcs             | 156  |
| GW96987      | 1        | 8011564276376 | Unpacked       | Pcs             | 156  |
| GW96992      | 50       | 8011564624832 | Outer box      | Pcs             | 156  |
| GW96993      | 25       | 8011564624849 | Outer box      | Pcs             | 156  |
| GW96994      | 25       | 8011564624856 | Outer box      | Pcs             | 156  |
| GW96995      | 20       | 8011564624863 | Outer box      | Pcs             | 156  |
| <b>GW A1</b> |          |               |                |                 |      |
| GWA1911      | 1        | 8011564897229 | Inner box      | Pcs             | 162  |
| GWA1912      | 1        | 8011564897236 | Inner box      | Pcs             | 162  |
| GWA1916      | 1        | 8011564881556 | Inner box      | Pcs             | 162  |
| <b>GW D4</b> |          |               |                |                 |      |
| GWD4227P     | 1        | 8011564722231 | Inner box      | Pcs             | 127  |
| GWD4227R     | 1        | 8011564722194 | Inner box      | Pcs             | 127  |
| GWD4229P     | 1        | 8011564722248 | Inner box      | Pcs             | 127  |

| Code         | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|--------------|----------|---------------|----------------|-----------------|------|
| GWD4229R     | 1        | 8011564722200 | Inner box      | Pcs             | 127  |
| GWD4302      | 1        | 8011564826403 | Inner box      | Pcs             | 147  |
| GWD4312      | 1        | 8011564826427 | Inner box      | Pcs             | 148  |
| GWD4322      | 1        | 8011564826441 | Inner box      | Pcs             | 147  |
| GWD4332      | 1        | 8011564826465 | Inner box      | Pcs             | 148  |
| GWD4342      | 1        | 8011564826489 | Inner box      | Pcs             | 147  |
| GWD4352      | 1        | 8011564826502 | Inner box      | Pcs             | 148  |
| GWD4427      | 1        | 8011564848870 | Inner box      | Pcs             | 147  |
| GWD4431      | 1        | 8011564848894 | Inner box      | Pcs             | 147  |
| GWD4435      | 1        | 8011564848917 | Inner box      | Pcs             | 147  |
| GWD4439      | 1        | 8011564825673 | Inner box      | Pcs             | 147  |
| GWD4443      | 1        | 8011564849006 | Inner box      | Pcs             | 147  |
| GWD4447      | 1        | 8011564849020 | Inner box      | Pcs             | 147  |
| GWD4617      | 1        | 8011564848818 | Inner box      | Pcs             | 147  |
| GWD4627      | 1        | 8011564848832 | Inner box      | Pcs             | 147  |
| GWD4817      | 1        | 8011564848931 | Inner box      | Pcs             | 147  |
| GWD4817P     | 1        | 8011564722170 | Inner box      | Pcs             | 126  |
| GWD4817R     | 1        | 8011564722149 | Inner box      | Pcs             | 126  |
| GWD4827      | 1        | 8011564848955 | Inner box      | Pcs             | 147  |
| GWD4827P     | 1        | 8011564722187 | Inner box      | Pcs             | 126  |
| GWD4827R     | 1        | 8011564722163 | Inner box      | Pcs             | 126  |
| <b>GW D6</b> |          |               |                |                 |      |
| GWD6015      | 1        | 8011564821651 | Inner box      | Pcs             | 154  |
| GWD6015      | 1        | 8011564821651 | Inner box      | Pcs             | 155  |
| GWD6019      | 1        | 8011564834316 | Inner box      | Pcs             | 155  |
| GWD6407      | 1        | 8011564774841 | Inner box      | Pcs             | 158  |
| GWD6409      | 1        | 8011564774858 | Inner box      | Pcs             | 158  |
| GWD6417      | 1        | 8011564774896 | Inner box      | Pcs             | 158  |
| GWD6418      | 1        | 8011564774902 | Inner box      | Pcs             | 158  |
| GWD6419      | 1        | 8011564775015 | Inner box      | Pcs             | 158  |
| GWD6420      | 1        | 8011564775022 | Inner box      | Pcs             | 158  |
| GWD6426      | 1        | 8011564775039 | Inner box      | Pcs             | 158  |
| GWD6426      | 1        | 8011564775039 | Inner box      | Pcs             | 170  |
| GWD6428      | 1        | 8011564775046 | Inner box      | Pcs             | 158  |
| GWD6428      | 1        | 8011564775046 | Inner box      | Pcs             | 170  |
| GWD6604      | 1        | 8011564847217 | Unpacked       | Pcs             | 161  |
| GWD6611      | 1        | 8011564847279 | Unpacked       | Pcs             | 161  |
| GWD6624      | 1        | 8011564847316 | Unpacked       | Pcs             | 161  |
| GWD6630      | 1        | 8011564847361 | Unpacked       | Pcs             | 161  |
| GWD6634      | 1        | 8011564847392 | Unpacked       | Pcs             | 161  |
| GWD6644      | 1        | 8011564847439 | Unpacked       | Pcs             | 161  |
| GWD6650      | 1        | 8011564847484 | Unpacked       | Pcs             | 161  |
| GWD6659      | 1        | 8011564847545 | Unpacked       | Pcs             | 161  |
| GWD6664      | 1        | 8011564847569 | Unpacked       | Pcs             | 161  |
| GWD6669      | 1        | 8011564847590 | Unpacked       | Pcs             | 161  |
| GWD6701      | 1        | 8011564809314 | Unpacked       | Pcs             | 160  |
| GWD6703      | 1        | 8011564809338 | Unpacked       | Pcs             | 160  |
| GWD6709      | 1        | 8011564809444 | Unpacked       | Pcs             | 160  |
| GWD6712      | 1        | 8011564809468 | Unpacked       | Pcs             | 160  |
| GWD6715      | 1        | 8011564809499 | Unpacked       | Pcs             | 160  |
| GWD6721      | 1        | 8011564809598 | Unpacked       | Pcs             | 160  |
| GWD6724      | 1        | 8011564809611 | Unpacked       | Pcs             | 160  |
| GWD6731      | 1        | 8011564809635 | Unpacked       | Pcs             | 160  |
| GWD6734      | 1        | 8011564809666 | Unpacked       | Pcs             | 160  |
| GWD6742      | 1        | 8011564809390 | Unpacked       | Pcs             | 160  |
| GWD6751      | 1        | 8011564809536 | Unpacked       | Pcs             | 160  |
| GWD6771      | 1        | 8034035007002 | Inner box      | Pcs             | 162  |
| GWD6772      | 1        | 8034035007019 | Inner box      | Pcs             | 162  |
| GWD6773      | 1        | 8034035007026 | Inner box      | Pcs             | 163  |
| GWD6776      | 1        | 8034035007057 | Inner box      | Pcs             | 163  |
| GWD6779      | 1        | 8034035007101 | Inner box      | Pcs             | 164  |
| GWD6781      | 1        | 8034035007033 | Inner box      | Pcs             | 163  |
| GWD6782      | 1        | 8034035007064 | Inner box      | Pcs             | 163  |
| GWD6783      | 1        | 8034035007071 | Inner box      | Pcs             | 163  |
| GWD6785      | 1        | 8034035007088 | Inner box      | Pcs             | 164  |



| Code    | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|---------|----------|---------------|----------------|-----------------|------|
| GWD6786 | 1        | 8034035007095 | Inner box      | Pcs             | 164  |
| GWD6789 | 1        | 8034035007132 | Inner box      | Pcs             | 164  |
| GWD6802 | 1        | 8011564886759 | Inner box      | Pcs             | 165  |
| GWD6807 | 1        | 8011564886773 | Inner box      | Pcs             | 165  |
| GWD6812 | 1        | 8034035043628 | Inner box      | Pcs             | 384  |
| GWD6817 | 1        | 8034035026805 | Inner box      | Pcs             | 384  |
| GWD6916 | 1        | 8011564881563 | Inner box      | Pcs             | 161  |

#### GW J1

|          |   |               |           |     |     |
|----------|---|---------------|-----------|-----|-----|
| GWJ1002A | 1 | 8034035028373 | Outer box | Pcs | 386 |
| GWJ1003R | 1 | 8034035041150 | Outer box | Pcs | 386 |

#### GW J3

|          |   |               |           |     |     |
|----------|---|---------------|-----------|-----|-----|
| GWJ3001A | 1 | 8034035069970 | Outer box | Pcs | 382 |
| GWJ3002A | 1 | 8034035069987 | Outer box | Pcs | 382 |
| GWJ3002R | 1 | 8034035070952 | Outer box | Pcs | 383 |
| GWJ3003A | 1 | 8034035069994 | Outer box | Pcs | 382 |
| GWJ3004A | 1 | 8034035070907 | Outer box | Pcs | 382 |
| GWJ3004R | 1 | 8034035070969 | Outer box | Pcs | 383 |
| GWJ3011A | 1 | 8034035071072 | Outer box | Pcs | 382 |
| GWJ3012A | 1 | 8034035071089 | Outer box | Pcs | 382 |
| GWJ3013A | 1 | 8034035071096 | Outer box | Pcs | 382 |
| GWJ3014A | 1 | 8034035071102 | Outer box | Pcs | 382 |
| GWJ3101A | 1 | 8034035071355 | Outer box | Pcs | 382 |
| GWJ3102A | 1 | 8034035071362 | Outer box | Pcs | 382 |
| GWJ3103A | 1 | 8034035081507 | Outer box | Pcs | 382 |

| Code     | Quantity | Barcode       | Packaging type | Unit of measure | Page |
|----------|----------|---------------|----------------|-----------------|------|
| GWJ3111A | 1        | 8034035071331 | Outer box      | Pcs             | 382  |
| GWJ3112A | 1        | 8034035071348 | Outer box      | Pcs             | 382  |
| GWJ3202A | 1        | 8034035070921 | Outer box      | Pcs             | 383  |
| GWJ3203A | 1        | 8034035081514 | Outer box      | Pcs             | 383  |

#### GW J5

|           |   |               |           |     |     |
|-----------|---|---------------|-----------|-----|-----|
| GWJ5815BL | 1 | 8034035105944 | Outer box | Pcs | 388 |
| GWJ5815BY | 1 | 8034035116476 | Outer box | Pcs | 388 |
| GWJ5815CY | 1 | 8034035116483 | Outer box | Pcs | 388 |
| GWJ5818BL | 1 | 8034035105951 | Outer box | Pcs | 388 |
| GWJ5834CT | 1 | 8034035106033 | Outer box | Pcs | 388 |
| GWJ5835AL | 1 | 8034035105982 | Outer box | Pcs | 388 |
| GWJ5835AY | 1 | 8034035116490 | Outer box | Pcs | 388 |
| GWJ5835CL | 1 | 8034035106002 | Outer box | Pcs | 388 |
| GWJ5835CY | 1 | 8034035116506 | Inner box | Pcs | 388 |
| GWJ5838AL | 1 | 8034035105999 | Outer box | Pcs | 388 |
| GWJ5838CL | 1 | 8034035106019 | Outer box | Pcs | 388 |

#### GW J8

|         |   |               |           |     |     |
|---------|---|---------------|-----------|-----|-----|
| GWJ8001 | 1 | 8034035028946 | Bag       | Pcs | 384 |
| GWJ8001 | 1 | 8034035028946 | Bag       | Pcs | 386 |
| GWJ8101 | 1 | 8034035070815 | Outer box | Pcs | 384 |
| GWJ8102 | 1 | 8034035071379 | Outer box | Pcs | 384 |
| GWJ8103 | 1 | 8034035071386 | Outer box | Pcs | 384 |
| GWJ8104 | 1 | 8034035071393 | Outer box | Pcs | 384 |

# General sales conditions

## 1. DEFINITIONS

- 1.1 In these General Sales Conditions the terms hereunder have the meaning as specified for each one of them:
- "Gewiss": the company GEWISS S.p.A.;
  - "Purchaser": the subject, natural person or legal entity requesting the purchase of Gewiss products;
  - "Party" or "Parties": Gewiss and/or the Purchaser, individually or jointly considered;
  - "Order" or "Orders": the purchase order or orders sent by the Purchaser to Gewiss;
  - "Order confirmation": the confirmation of the Order sent by Gewiss to the Purchaser;
  - "Products": all the products offered by Gewiss and described in catalogues, drawings, technical sheets or its brochures;
  - "General Conditions": the general sales conditions hereunder.

## 2. SCOPE OF APPLICATION

- 2.1 The General Conditions apply to all sales made between Gewiss and the Purchaser whose subject matter is the Products and form an integral part of all Contracts entered into between the Parties, regulating their relationship, even where not expressly referred to. These General Conditions replace Gewiss' previous general sales conditions.
- 2.2 The Purchaser cannot demand or take exception to conditions other than those contained in the General Conditions. Therefore, any conditions set out in writing by the Purchaser on the Order shall not be valid, or those in any other phase of the contractual negotiations as well as after the acceptance or knowledge of the General Conditions, as well as any general purchasing conditions of the Purchaser. To this end, the performance, even partial, of the Order by Gewiss or fulfilment of any other obligation in terms of the Purchaser are not valid and cannot be interpreted as tacit or implicit acceptance of any general condition which has not been explicitly signed by Gewiss.
- 2.3 The General Conditions are only valid for contractual relationships between Gewiss and professional operators, thus the Italian Legislative Decree no. 206 of 6th September 2005 (Consumer Law) is not applicable. The General Conditions are valid for the entire period necessary for complete and correct fulfilment of the Contract.
- 2.4 Any special conditions agreed between the Parties shall only be valid where indicated in the Order confirmation, and shall prevail over the General Conditions, constituting a derogation from these.

## 3. PROCEDURE FOR FINALISING THE SALES CONTRACT

- 3.1 The Order sent by the Purchaser to Gewiss constitutes an irrevocable contractual proposal which is binding for 30 (thirty) days from the time Gewiss learns of it.
- 3.2 Within these 30 (thirty) days period Gewiss, at its sole discretion, reserves the right to accept the Order or not, and send to the Purchaser the Order confirmation.
- 3.3 The Contract shall be considered finalised following the transmission of the Order confirmation or, alternatively, with the performance of the Order by Gewiss; in this case, the Purchaser cannot cancel the Order without previous written approval from Gewiss and/or he cannot refuse the Products. Up to the time of finalising of the Contract under the above conditions, offers and/or estimates made by Gewiss or its agents, representatives and assistants, shall not be binding for Gewiss.
- 3.4 In the event that the Order confirmation differs from the Order, for example but not limited to, the quantity of Products, prices, discounts and delivery terms, such Order confirmation shall be considered as a counterproposal

from GEWISS, and must be expressly accepted by the Purchaser, for the Contract to be considered finalised.

- 3.5 In any case, it is hereby understood that any oral agreement with the Purchaser related to the sale shall not be binding for Gewiss unless confirmed in writing by Gewiss.
- 3.6 In the event that the Order is cancelled by the Purchaser before it is accepted and/or performed by Gewiss, Gewiss may ask the Purchaser to reimburse any expenses or charges incurred to perform the Order and/or part of it as well as compensation for any sustained damages.

## 4. PRICES

- 4.1 The prices indicated in Gewiss catalogues and price lists are considered VAT excluded for goods delivered EXW Incoterms® 2020 (ex works) of Gewiss, transportation, insurance, packing and assistance expenses excluded.
- 4.2 Such prices are merely given as a guideline and are not binding on Gewiss in any way, who reserves the right to make changes to the same proportionate to increases in labour, raw material and other cost items and for other causes which occur during the catalogue/price list validity period.

## 5. DELIVERIES

- 5.1 Unless otherwise agreed between the Parties, the Products are delivered to the Purchaser or third party assigned by the Purchaser as per EXW Incoterms® 2020 (ex works) at Gewiss warehouse. Order confirmations are purely indicative and not binding, and do not include transport times.
- 5.2 Gewiss is not liable for any indemnity or claim for compensation against Gewiss for direct or indirect damages due to delays and/or partial dispatch of the deliveries, if not attributable to fraud or gross negligence by Gewiss.
- 5.3 If performance of the Order is obstructed by the occurrence of force majeure events, lack of regular raw material supplies or sub-supplies or other unpredictable circumstances occurring when the Contract is finalised, the delivery dates shall be considered extended, without Gewiss being held liable for the delay and new dates shall be established by the Parties. The Purchaser shall not have the right to refuse the delivery of the Products.
- 5.4 If, once the Products are ready for shipping to the Purchaser, and delivery is not made due to circumstances not attributable to Gewiss or due to force majeure, the delivery shall be considered performed for all extents and purposes with a simple notice of goods ready for picking-up to be notified to the Purchaser by registered letter, fax or e-mail. From the day after sending the above notice, Gewiss shall be due in addition to the agreed upon price, a fee for storage at Gewiss' warehouse totalling 2% of the amount on the invoice for each entire week of delay; in the event of a delay less than a week the percentage shall be calculated in proportion to the days of delay. All risks related to the goods storage period at Gewiss' warehouse are the sole responsibility of the Purchaser. If the Purchaser's refusal to receive the goods lasts for more than 30 (thirty) days from the notice of goods ready for picking-up, Gewiss shall be entitled to terminate the Contract and claim for compensation of damages.

## 6. RISKS

- 6.1 The risks of the delivery of the Products are regulated by Incoterms® 2020 terms which are agreed by the Parties.
- 6.2 The Purchaser, at the time of receiving the Products, must always, in their own interest, check the quantity and conditions before the acceptance and notify the carrier of any damage immediately and in writing. Otherwise, every dispute related to the quantity and conditions of the

packed and delivered Products shall be refused.

## 7. QUANTITY AND PACKING

- 7.1 The Orders must comply with the minimum packing quantities. In the event of Orders for lower quantities Gewiss reserves the right to charge the Purchaser, subject to notification, the lump sum of 5.00 Euro for each line of bulk Product Order.
- 7.2 Standard packing are considered included in the sales price, while the costs for any non-standard packing, unless otherwise established between the Parties, shall be charged by Gewiss to the Purchaser.

## 8. COMPLIANCE WITH PRODUCT STANDARDS

- 8.1 Gewiss guarantees that all Products, which fall under the scope of application of European Directives and Regulations, comply with the essential requirements set out in them, in order to be put on the market and ordered in European Union. Compliance with the Directives and Regulations is indicated by affixing of the graphic symbol "CE".
- 8.2 The exportation in some UE or extra UE Countries can be forbidden or require specific documents, mark or certification. The Purchase shall contact Gewiss for the relevant information.

## 9. MODIFICATIONS TO PRODUCTS

- 9.1 The indications, measurements, drawings and images of the Products and related components present in Gewiss catalogues, brochures and websites, and in general all Gewiss technical and informational documentation are given as a guideline and example and are not binding in any way.
- 9.2 Gewiss, at any time and with no obligation for prior notice, reserves the right to make all of the modifications that it, at its sole discretion, feels opportune for improving the Product features and performance as well as to meet its own technological and production needs.
- 9.3 The quality and certification marks mentioned on Gewiss paper material shall be considered in force at the date of the printing of the documents. The updated list of marks is available on the site [www.gewiss.com](http://www.gewiss.com) or through the Technical Assistance Service. The updated certification list is available on [www.gewiss.com](http://www.gewiss.com) or upon request to the Technical Assistance Service.

## 10. QUALITY, WARRANTIES AND COMPLAINTS

- 10.1 All of the Products have the qualities necessary for the normal intended use of products of the same type, as shown in the technical documentation in effect at the time of sale, which the Purchaser declares to know and accept. In addition, the Products are covered by warranty for their correct operation and warranty for design and manufacturing faults and/or defects for a period of 24 (twenty-four) months from the delivery date, except for normal wear and tear parts. Once this period has elapsed the warranty becomes null and void, even if the Products have not been put into operation for any reason.
- 10.2 The warranty is effective as long as the malfunctioning, faults and/or defects are not the result of: (i) assembly and/or installation errors, (ii) failure to perform or incorrect maintenance, (iii) failure to comply with and/or erroneous compliance with technical specifications contained in the Gewiss catalogue and in any instructions sheets, (iv) natural wear, (v) faults caused by inexperience and/or negligence (vi) poor care, (vii) failure to immediately adopt measures designed to limit inefficiencies, (viii) overloads compared to limits indicated in technical instructions, (ix) interruptions to or suspensions of electricity, (x) unauthorised activities, (xi) tampering by the Customer and/or third parties, (xii) acts of vandalism, (xiii) acts of

- terrorism, (xiv) atmospheric events, (xv) fortuitous events or (xvi) force majeure, (xvii) third party's act.
- 10.3 Moreover, the warranty is not effective in case of malfunctioning of the software installed on the Product, due to overloading, interruption and/or suspension of electric energy.
- 10.4 Any complaint due to quality defects, failure to operate or faulty operation or design and manufacturing faults and/or defects of the Products must be notified to Gewiss in writing, subject to forfeiture of the warranty:
- within 8 (eight) days from delivery of the Products in the event of clear faults and/or defects;
  - within 8 (eight) days from discovery of the faults and/or defects becoming evident following delivery but within two years from the delivery.
- 10.5 For the complaint to be accepted, the Purchaser is required to prove in writing the validity of the warranty, the correct storage and installation of the Product, and to supply Gewiss with adequate documentation proving the faults/defects.
- 10.6 The warranty is limited, up to the sole discretion of Gewiss, to replacement of the defective Products or components (both with identical or similar products) or, alternatively, by repairing the defective Products or components. In any case the accessory expenses of the replacement and/or repair are excluded from the warranty.
- 10.7 Both in the case of replacement and repair of the defective Products the original warranty period will continue and shall not be considered renewed.
- 10.8 Gewiss shall not be held liable for any additional warranty obligation, including implicit, resulting from laws and/or regulations in favour of the Purchaser, including implicit warranties for non-compliance, non-saleable defects and/or the suitability of the Products for a special use.

#### 11. LIABILITY

- 11.1 Without prejudice to mandatory limits set by law and with the exclusion of fraud and gross negligence, is explicitly excluded any further liability by Gewiss - either contractual or extracontractual - that may arise from or be related, directly or indirectly, to the Contract, and/or to discrepancies, defects and/or faults in the Products, , by means of example and not limited to loss of profit, loss of savings, loss of reputation, loss of goodwill and/or interruption of plants where the Products are intended to be used.
- 11.2 Gewiss shall not be held liable for Products sold and/or installed in Countries where there are regulations which do not allow their use, or for uses which they are not intended and/or for installations and uses not in compliance with the Products technical specifications indicated in the catalogues and instruction handbooks in effect at the time of the sale.
- 11.3 In the event of revision of the technical specifications and instruction handbook for Products already delivered and/or installed during the warranty period, the Purchaser shall not be covered under warranty for correct operation according to the new technical specifications.
- 11.4 The Purchaser agrees to establish in all contracts regarding the Products a clause limiting Gewiss' liability substantially identical to that envisaged by this article, assuming the complete and sole liability for the additional movement of Products supplied by Gewiss.

#### 12. RETURNS

- 12.1 Return of the Products is not allowed without prior written authorisation from Gewiss, without which the Products shall be delivered again to the Purchaser at the Purchaser expenses and risk.
- 12.2 In the event of authorised return, the Products shall be returned carriage paid at the expense and risk of

the Purchaser to Gewiss warehouses, within the term indicated by Gewiss. The Purchaser shall be credited for the purchase price of the Products, minus a minimum amount of 15% for administrative expenses. However, Gewiss reserves the right not to accept the return or to apply a higher percentage for administrative expenses if the goods are returned after the period indicated above.

- 12.3 In any case, the return of Products not included in the catalogue in effect at the time of the request to return and/or for which significant changes have been made to the technical specifications is prohibited.

#### 13. PAYMENT OF THE PRICE

- 13.1 Payments shall be made in compliance with the "Supply Conditions" in the Gewiss catalogue in effect or according to what is otherwise agreed between the Parties in writing.
- 13.2 The delay, even partial of the payment of the invoices beyond their due date shall cause the immediate charging of interest in accordance with the legal measures in force, in addition to debiting of any bank expenses and fees.
- 13.3 Failure to pay for any reason, as well as failure to fulfil any other obligation by the Purchaser authorises Gewiss shall be entitled, pursuant to Article 1460 of the Italian Civil Code, to immediately suspend the delivery of the Products , as well as demand payment for the entire amount due, without prejudice to its right to withdraw from the Order being performed.
- 13.4 Gewiss also reserves the right to suspend supplies in the event of a significant modification in the Purchaser's economic situation, by means of example but not limited to transfer of the business or proven serious financial difficulty.
- 13.5 Possible collection expenses or stamp duty for payments received by bank transfer or other forms of payment are at the Purchaser charge.
- 13.6 Any discount agreed upon in writing between the Parties, is subject to complete compliance with payment due dates. Failure to pay within the agreed due dates shall result in forfeiture of the discount and the Purchaser who unduly withheld it shall be obligated to reimburse it immediately.
- 13.7 Any complaint from the Purchaser including for late delivery of incomplete supply, shall not give the Purchaser the right to suspend or delay payment of the supply.
- 13.8 The Purchaser cannot claim any non-fulfilment of Gewiss', nor claim the warranty as per article 10 above, if not up to date with payments.
- 13.9 The Parties undertake to act in compliance with the obligations set out in art. 3 of Law 136/2010 to ensure the traceability of financial movements relating to public services and supplies, with the clarification that the violation of these provisions determines the legal termination of the Contract.

#### 14. INTELLECTUAL PROPERTY

- 14.1 Gewiss shall remain the sole owner of the patents, drawings, designs and anything else used to create the Products, which, therefore, the Purchaser agrees not to give to third parties, reproduce or use, without prior authorization of Gewiss. If the creation of the Products is performed by Gewiss based on specific request and technical documentation of the Purchaser, Gewiss shall not be held liable for the violation of industrial property rights by third parties, which shall be the sole responsibility of the Purchaser, who agrees to guarantee and indemnify and hold Gewiss harmless from any claims made against it.
- 14.2 The Purchaser agrees to use Gewiss trademarks solely for the purposes of identifying, advertising and selling the

Products, refraining from registering them or having them registered without prior written approval from Gewiss.

- 14.3 The Purchaser is prevented from registering "gewiss" as domain name as well as any domain which contains words which look like or recall Gewiss.
- 14.4 Possible links to Gewiss' website and the publication on the Purchaser's website of contents which refer to Gewiss shall be authorized in writing by the latter beforehand.

#### 15. CONFIDENTIALITY OBLIGATION

- 15.1 The sales commercial conditions, particularly regarding the budget, incentive and discount conditions, as well as all other documentation or information classified by Gewiss as confidential, have a strictly confidential nature, therefore, the Purchaser agrees not to divulge them or communicate them to third parties, nor to use them for purposes other than the finalising and performance of the Contract, for the period of 5 (five) years after performance of the Order.
- 15.2 Gewiss reserves the right to pursue, including legally, any violations of the aforesaid confidentiality obligation.

#### 16. PRIVACY

- 16.1 Gewiss agrees to collect and process the personal data it may learn of in relation to the execution of the Contract in compliance with the Italian Legislative Decree 196/2003 and subsequent amendments (Legislative Decree 101/2018 for the adaptation of the Italian legislation to EU Reg. no. 679/2016, so called GDPR), with the purposes therein permitted and to fulfil all legal requirements including of a tax or accounting nature. The information is available on the website [www.gewiss.com](http://www.gewiss.com).

#### 17. GEWISS CODE OF ETHICS AND ORGANIZATION, MANAGEMENT AND CONTROL MODEL - ANTI-CORRUPTION POLICY

- 17.1 The commercial relations governed by the General Conditions are based on the principles of legality, transparency, correctness and fairness, in accordance with the contents of the Code of Ethics, the Organisation Management and Control Framework adopted by Gewiss and with the principles of the Anti-Corruption Policy available on the website [www.gewiss.com](http://www.gewiss.com). Any notifications about the violation of the aforesaid Framework may be sent using the "notification procedure" available on the website, to the e-mail address [ia-odv@gewiss.com](mailto:ia-odv@gewiss.com).
- 17.2 If, behaviours are adopted which do not comply with the aforesaid principles, Gewiss shall be entitled to take opportune measures, including cancellation of the Orders and request compensation for damages.

#### 18. APPLICABLE LAW, COURT AND LANGUAGE

- 18.1 All the Contracts finalised by Gewiss, regardless of the Purchaser's nationality and/or place of destination of the Products, are governed by Italian laws.
- 18.2 Application of the Vienna Convention on contracts for the international sale of goods of 11 April 1980 remains expressly excluded, as well as other statutory Conventions concerning international sales and governing conflicts between laws.
- 18.3 Any dispute arising between the Parties shall be submitted to the Italian court and solely to the Court of Gewiss' registered office, without prejudice to Gewiss' right to act at the Purchaser's address.
- 18.4 If these General Conditions are drafted in more than one language, in case of conflicts, the text in Italian shall be decisive.

# LED warranty



## WARRANTY CONDITIONS FOR GEWISS PRODUCTS WITH LED TECHNOLOGY

### 1.

This warranty is applicable to the direct sales agreements between any Gewiss Group company (hereinafter "Gewiss") and the purchasers (hereinafter "Purchasers" or, individually, the "Purchaser") of Gewiss lighting products with LED technology (hereinafter "Products" or, individually, the "Product"), being understood that the Products are bought in new conditions, in their original package and complete of their handling instructions.

### 2.

***These warranty conditions operate in derogation from Gewiss general sales conditions and are additional to the warranty rights provided by the law in favour of the Purchaser or contractually agreed in writing between Gewiss and the Purchaser himself.***

### 3.

This warranty covers the Product defects, which can be demonstrated to be determined by raw material defects, or by constructive or manufacturing defects, for the period indicated in the table below, starting from the date of purchase of the Product, being understood that the number of operating hours cannot exceed 4,200 hours per year.

| Product  | Warranty period |
|--|-----------------|
| Street lighting ranges: Street, Urban and Road               | 5 years         |
| Floodlights range: Smart[Pro], Stadium[Pro] and Spatium[Pro] | 5 years         |
| Smart[4] range   | 5 years         |
| Smart[3] range: Smart[3]e, Smart[3] and Smart[3]Plus         | 5 years         |
| Esalite range  | 5 years         |
| Elia range   | 5 years         |
| All other LED products                                       | 2 years         |

| Phase out products                 | Warranty period |
|------------------------------------|-----------------|
| Smart[3] Compact and Super lines   | 3 years         |
| Astrid range, except Astrid 75 LED | 5 years         |
| Astrid 75 LED                      | 2 years         |
| Bolla LED                          | 2 years         |

### 4.

Products shall not be considered defective when one of the conditions indicated below occurs:

- less than 20% malfunction LEDs in each Product,
- a variation of the light flux not exceeding a value of 0.4%/1,000 of operating hours;
- a failure rate of the driver not exceeding a value of 0.2% per 1,000 of operating hours at an average working temperature not exceeding 35° C; this value shall be increased of a further 0.1% per 1,000 operating hours per each 10° C of average temperature, exceeding 35° C; In any case, the

Products shall never work at a temperature exceeding the declared rated maximum ambient temperature (ta);

- Product components subject to wear and tear (such as batteries) and parties subject to a natural aesthetic decay, which does not affect the functionality or the safety of use of the Product.

### 5.

***Gewiss, if the Product falls within the scope of this warranty, shall choose - at its sole discretion - whether to refund the Purchaser of the purchase price of the Product, or to repair the Product, or replace it with a Product of equivalent price and equivalent performances.***

### 6.

Gewiss, when it chooses to repair the Product, may use new or reconditioned parts, guaranteeing in this case that the substitutive components are equivalent to the substituted ones in terms of performance and reliability. Whatever it is the solution chosen by Gewiss, none of these options involves the change or extension of the original warranty term of validity, i.e. starting from the purchase date of the Product.

### 7.

The Purchaser, subject to forfeiture of the warranty, shall notify the existence of defects to Gewiss e-mail [gestioneresi@gewiss.com](mailto:gestioneresi@gewiss.com) no later than thirty days from the discovery of the defect, providing at the same time: (i) a document proving the purchase date (for example: purchase invoice) and (ii) the data indicated on the label of the defected Product, including the production lot. Upon receipt of the notification and of the documents indicated above, Gewiss can ask the Purchaser to promptly return the Product directly to Gewiss, or to a sales point authorized by the same.

### 8.

In any case, the warranty does not apply when the defectiveness of the Product is determined by:

- fire, Acts of God, vandalism, negligence, installation not properly set up or installation carried out by people not adequately qualified, use not allowed or use different than the purpose for which the Product was intended;
- improper installation and/or non-conform installation to the requirements of the standard IEC 60364 or if existing and more severe according to the national wiring and installation rules and standards, wrong supply voltage and wrong wiring of the products, including for instance: improper protection against the overcurrent, use of improper conductors (type and cross sectional area), improper protection against inrush currents, improper protection against impulsive overvoltage, improper protection against temporary overvoltage, improper protection against electrical shocks, the use of not adequate fixing means or fixing supports/surface;
- unless otherwise declared by Gewiss on either the Products or the

instruction sheets or the packaging or the catalogues, installation outside the following limits (being understood that any additional protection of the Product shall be implemented by the Purchaser at his own expenses): (1) maximum temperature in open air as declared for the Product; (2) minimum temperature in open air as declared for the Product; (3) rapid change of temperature not exceeding 5 K per hour; (4) humidity as for IEC 60598; (5) adequate additional protection of the Product against, ice, frost, hail and condensation; (6) pressure not exceeding the atmospheric pressure; (7) adequate additional protection of the Product against piston air effect (e.g. movements of train and similar vehicles); (8) adequate additional protection of the Product against exposition of thermic irradiation by external sources; (9) altitude  $\leq 2,000$  m; (10) indoor/outdoor application as declared for the Product; (11) adequate additional protection of the Product against wind, with the exception of the Products compliant with the standard IEC 60598-2-3 and IEC 60598-2-5 and in any case within the limits defined by those standards; (12) adequate additional protection of the Product against direct free air movement from fans; (13) presence of dust and sand not exceeding the limits defined by first digit of the degree of protection IP declared for the Product; (14) presence of water not exceeding the limits defined by second digit of the degree of protection IP declared for the Product; (15) presence of salt mist only for Products declared for outdoor application and within the limit defined by the clause 11 of this warranty; (16) adequate additional protection of the Product in case of possible contact with oils and other chemical in liquid form, unless otherwise declared for the Product; (17) adequate additional protection of the Product in case of contact with vapour containing chemicals in gas form, unless otherwise declared for the Product; (18) adequate additional protection of the Product in case of exposure to water and vapour containing chloride (e.g. swimming pool); (19) generic mechanical shocks not exceeding the limits defined by the degree of protection IK declared for the Product; (20) mechanical shocks due to balls only if the Product is declared to be in conformity with the standard DIN 18032-3; (21) fixed installations and applications where the level of the vibration are negligible; (22) only fixed installations in case of acceleration; (23) adequate additional protection of the Product in case of flora, moulds and fauna that can damage the Product; (24) adequate additional protection of the Product against direct sun irradiation; (25) electrostatic discharges as for the IEC 61547; (26) radio-frequency electromagnetic fields as for the IEC 61547; (27) power frequency magnetic fields as for the IEC 61547; (28) fast transients as for the IEC 61547; (29) injected currents (radio-frequency common mode) as for the IEC 61547; (30) surges as for the IEC 61547; (31) voltage dips and short interruptions as for the IEC 61547; (32) storage conditions between the maximum and the minimum working temperature declared for the Product; (33) transport conditions as declared for the Product;

d) improper or inadequate maintenance, if allowed or prescribed by Gewiss, or maintenance performed by a person not adequately qualified;

e) Product components subject to wear and tear (such as batteries) and parties subject to a natural aesthetic decay, which does not affect the

functionality or the safety of use of the Product;

f) Product modification or repair performed by the Purchaser or by its delegate, without the express written consent by Gewiss.

With reference to the situations mentioned above, the Purchaser, upon Gewiss request, shall provide appropriate and complete proof about the proper use, the proper installation and maintenance of the Product, such as about the environmental and the installation context of the same.

**9.**

The warranty does not cover the costs incurred for the elimination of the defects, including - by way of indication only - the costs of disassembly and assembly, transportation or shipping costs of the defective or repaired Product, the rental costs of any lifting device.

**10.**

Except to the binding extent required by Law and with the exclusion of wilful misconduct and gross negligence, in no event Gewiss shall be liable for damages resulting from any breach, as well as from any direct or indirect damages caused by faults or defects of the Products, or by their malfunction such as by repairs or replacements, among which, by way of example, loss of profits, lack of savings, loss of reputation, loss of goodwill, block of plants in which the Products are destined to work. In any case, Gewiss liability shall not exceed the purchase price of the defective Product.

**11.**

The warranty is valid if the Products are used in application classes C1-C5 according to the standard ISO 9223. In other cases, please ask to Gewiss sales organization for a customized solution. In case of Products installed within 5 km from the sea side, the corrosion of the Products is covered by warranty only in the event that Customer has purchased Products with Marine Salt Painting which is offered as an option to Customer.

**12.**

Gewiss reserves the right to modify these warranty conditions at any time, by publishing the new terms on its website [www.gewiss.com](http://www.gewiss.com) and on its catalogues.

**13.**

This warranty is valid from **1st September 2021**.

**GEWISS S.p.A.**

Registered Office: Via Domenico Bosatelli 1  
24069 Cenate sotto (BG), Italy

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Single shareholder company - Bergamo Business Register/VAT/Tax Code (IT) 00385040167  
Economic and Administrative Index 107496 - Share Capital 60,000,000.00 EUR fully paid up

