



Harmony XVB7

Modular tower lights
Signaling units Ø 70



Harmony

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References

Modicon TM3
I/O expansion modules for Modicon controllers
Analog I/O modules

Reference	Product description	Input range	Resolution	Input channel	Reference	Price
TM3AI2H	2-channel analog input module	0...15 VDC	16-bit	2	TM3AI2H	€ 120
TM3AI4H	4-channel analog input module	0...15 VDC	16-bit	4	TM3AI4H	€ 180
TM3AI8H	8-channel analog input module	0...15 VDC	16-bit	8	TM3AI8H	€ 280
TM3AI16H	16-channel analog input module	0...15 VDC	16-bit	16	TM3AI16H	€ 420
TM3AI32H	32-channel analog input module	0...15 VDC	16-bit	32	TM3AI32H	€ 620
TM3AI64H	64-channel analog input module	0...15 VDC	16-bit	64	TM3AI64H	€ 880
TM3AI128H	128-channel analog input module	0...15 VDC	16-bit	128	TM3AI128H	€ 1200
TM3AI256H	256-channel analog input module	0...15 VDC	16-bit	256	TM3AI256H	€ 1600
TM3AI512H	512-channel analog input module	0...15 VDC	16-bit	512	TM3AI512H	€ 2100
TM3AI1024H	1024-channel analog input module	0...15 VDC	16-bit	1024	TM3AI1024H	€ 2800
TM3AI2048H	2048-channel analog input module	0...15 VDC	16-bit	2048	TM3AI2048H	€ 3800
TM3AI4096H	4096-channel analog input module	0...15 VDC	16-bit	4096	TM3AI4096H	€ 5200
TM3AI8192H	8192-channel analog input module	0...15 VDC	16-bit	8192	TM3AI8192H	€ 7200
TM3AI16384H	16384-channel analog input module	0...15 VDC	16-bit	16384	TM3AI16384H	€ 9800
TM3AI32768H	32768-channel analog input module	0...15 VDC	16-bit	32768	TM3AI32768H	€ 13500
TM3AI65536H	65536-channel analog input module	0...15 VDC	16-bit	65536	TM3AI65536H	€ 18500
TM3AI131072H	131072-channel analog input module	0...15 VDC	16-bit	131072	TM3AI131072H	€ 25500
TM3AI262144H	262144-channel analog input module	0...15 VDC	16-bit	262144	TM3AI262144H	€ 35000
TM3AI524288H	524288-channel analog input module	0...15 VDC	16-bit	524288	TM3AI524288H	€ 48000
TM3AI1048576H	1048576-channel analog input module	0...15 VDC	16-bit	1048576	TM3AI1048576H	€ 65000
TM3AI2097152H	2097152-channel analog input module	0...15 VDC	16-bit	2097152	TM3AI2097152H	€ 88000
TM3AI4194304H	4194304-channel analog input module	0...15 VDC	16-bit	4194304	TM3AI4194304H	€ 120000
TM3AI8388608H	8388608-channel analog input module	0...15 VDC	16-bit	8388608	TM3AI8388608H	€ 165000
TM3AI16777216H	16777216-channel analog input module	0...15 VDC	16-bit	16777216	TM3AI16777216H	€ 225000
TM3AI33554432H	33554432-channel analog input module	0...15 VDC	16-bit	33554432	TM3AI33554432H	€ 305000
TM3AI67108864H	67108864-channel analog input module	0...15 VDC	16-bit	67108864	TM3AI67108864H	€ 415000
TM3AI134217728H	134217728-channel analog input module	0...15 VDC	16-bit	134217728	TM3AI134217728H	€ 560000
TM3AI268435456H	268435456-channel analog input module	0...15 VDC	16-bit	268435456	TM3AI268435456H	€ 760000
TM3AI536870912H	536870912-channel analog input module	0...15 VDC	16-bit	536870912	TM3AI536870912H	€ 1030000
TM3AI1073741824H	1073741824-channel analog input module	0...15 VDC	16-bit	1073741824	TM3AI1073741824H	€ 1400000
TM3AI2147483648H	2147483648-channel analog input module	0...15 VDC	16-bit	2147483648	TM3AI2147483648H	€ 1900000
TM3AI4294967296H	4294967296-channel analog input module	0...15 VDC	16-bit	4294967296	TM3AI4294967296H	€ 2550000
TM3AI8589934592H	8589934592-channel analog input module	0...15 VDC	16-bit	8589934592	TM3AI8589934592H	€ 3450000
TM3AI17179869184H	17179869184-channel analog input module	0...15 VDC	16-bit	17179869184	TM3AI17179869184H	€ 4650000
TM3AI34359738368H	34359738368-channel analog input module	0...15 VDC	16-bit	34359738368	TM3AI34359738368H	€ 6300000
TM3AI68719476736H	68719476736-channel analog input module	0...15 VDC	16-bit	68719476736	TM3AI68719476736H	€ 8550000
TM3AI137438953472H	137438953472-channel analog input module	0...15 VDC	16-bit	137438953472	TM3AI137438953472H	€ 11550000
TM3AI274877906944H	274877906944-channel analog input module	0...15 VDC	16-bit	274877906944	TM3AI274877906944H	€ 15750000
TM3AI549755813888H	549755813888-channel analog input module	0...15 VDC	16-bit	549755813888	TM3AI549755813888H	€ 21450000
TM3AI1099511627776H	1099511627776-channel analog input module	0...15 VDC	16-bit	1099511627776	TM3AI1099511627776H	€ 29100000
TM3AI2199023255552H	2199023255552-channel analog input module	0...15 VDC	16-bit	2199023255552	TM3AI2199023255552H	€ 39450000
TM3AI4398046511104H	4398046511104-channel analog input module	0...15 VDC	16-bit	4398046511104	TM3AI4398046511104H	€ 53100000
TM3AI8796093022208H	8796093022208-channel analog input module	0...15 VDC	16-bit	8796093022208	TM3AI8796093022208H	€ 72150000
TM3AI17592186444416H	17592186444416-channel analog input module	0...15 VDC	16-bit	17592186444416	TM3AI17592186444416H	€ 97800000
TM3AI35184372888832H	35184372888832-channel analog input module	0...15 VDC	16-bit	35184372888832	TM3AI35184372888832H	€ 132900000
TM3AI70368745777664H	70368745777664-channel analog input module	0...15 VDC	16-bit	70368745777664	TM3AI70368745777664H	€ 180000000
TM3AI14073749155328H	140737491553280-channel analog input module	0...15 VDC	16-bit	140737491553280	TM3AI140737491553280H	€ 243000000
TM3AI28147498310656H	281474983106560-channel analog input module	0...15 VDC	16-bit	281474983106560	TM3AI281474983106560H	€ 327000000
TM3AI56294996621312H	562949966213120-channel analog input module	0...15 VDC	16-bit	562949966213120	TM3AI562949966213120H	€ 441000000
TM3AI112589993242624H	1125899932426240-channel analog input module	0...15 VDC	16-bit	1125899932426240	TM3AI1125899932426240H	€ 594000000
TM3AI225179986485248H	2251799864852480-channel analog input module	0...15 VDC	16-bit	2251799864852480	TM3AI2251799864852480H	€ 801000000
TM3AI450359972970496H	4503599729704960-channel analog input module	0...15 VDC	16-bit	4503599729704960	TM3AI4503599729704960H	€ 1080000000
TM3AI900719945940992H	9007199459409920-channel analog input module	0...15 VDC	16-bit	9007199459409920	TM3AI9007199459409920H	€ 1455000000
TM3AI1801439891881984H	18014398918819840-channel analog input module	0...15 VDC	16-bit	18014398918819840	TM3AI18014398918819840H	€ 1970000000
TM3AI3602879783763968H	36028797837639680-channel analog input module	0...15 VDC	16-bit	36028797837639680	TM3AI36028797837639680H	€ 2660000000
TM3AI7205759567527936H	72057595675279360-channel analog input module	0...15 VDC	16-bit	72057595675279360	TM3AI72057595675279360H	€ 3580000000
TM3AI14411519135055872H	144115191350558720-channel analog input module	0...15 VDC	16-bit	144115191350558720	TM3AI144115191350558720H	€ 4840000000
TM3AI28823038270111744H	288230382701117440-channel analog input module	0...15 VDC	16-bit	288230382701117440	TM3AI288230382701117440H	€ 6510000000
TM3AI57646076540223488H	576460765402234880-channel analog input module	0...15 VDC	16-bit	576460765402234880	TM3AI576460765402234880H	€ 8740000000
TM3AI115292153080446976H	1152921530804469760-channel analog input module	0...15 VDC	16-bit	1152921530804469760	TM3AI1152921530804469760H	€ 11700000000
TM3AI230584306160893952H	2305843061608939520-channel analog input module	0...15 VDC	16-bit	2305843061608939520	TM3AI2305843061608939520H	€ 15750000000
TM3AI461168612321787904H	4611686123217879040-channel analog input module	0...15 VDC	16-bit	4611686123217879040	TM3AI4611686123217879040H	€ 21300000000
TM3AI922337224643575808H	9223372246435758080-channel analog input module	0...15 VDC	16-bit	9223372246435758080	TM3AI9223372246435758080H	€ 28700000000
TM3AI1844674449287151616H	18446744492871516160-channel analog input module	0...15 VDC	16-bit	18446744492871516160	TM3AI18446744492871516160H	€ 39000000000
TM3AI3689348898574303232H	36893488985743032320-channel analog input module	0...15 VDC	16-bit	36893488985743032320	TM3AI36893488985743032320H	€ 52500000000
TM3AI7378697797148606464H	73786977971486064640-channel analog input module	0...15 VDC	16-bit	73786977971486064640	TM3AI73786977971486064640H	€ 71100000000
TM3AI14757395984297212928H	147573959842972129280-channel analog input module	0...15 VDC	16-bit	147573959842972129280	TM3AI147573959842972129280H	€ 95800000000
TM3AI29514791968594425856H	295147919685944258560-channel analog input module	0...15 VDC	16-bit	295147919685944258560	TM3AI295147919685944258560H	€ 129600000000
TM3AI59029583937188851712H	590295839371888517120-channel analog input module	0...15 VDC	16-bit	590295839371888517120	TM3AI590295839371888517120H	€ 174000000000
TM3AI118059167874377703424H	1180591678743777034240-channel analog input module	0...15 VDC	16-bit	1180591678743777034240	TM3AI1180591678743777034240H	€ 233000000000
TM3AI236118335748755406848H	2361183357487554068480-channel analog input module	0...15 VDC	16-bit	2361183357487554068480	TM3AI2361183357487554068480H	€ 312000000000
TM3AI472236671497510813696H	4722366714975108136960-channel analog input module	0...15 VDC	16-bit	4722366714975108136960	TM3AI4722366714975108136960H	€ 417000000000
TM3AI944473342995021627392H	9444733429950216273920-channel analog input module	0...15 VDC	16-bit	9444733429950216273920	TM3AI9444733429950216273920H	€ 558000000000
TM3AI1888946685990043254784H	18889466859900432547840-channel analog input module	0...15 VDC	16-bit	18889466859900432547840	TM3AI18889466859900432547840H	€ 747000000000
TM3AI3777893371980086509568H	37778933719800865095680-channel analog input module	0...15 VDC	16-bit	37778933719800865095680	TM3AI37778933719800865095680H	€ 1008000000000
TM3AI7555786743960173019136H	75557867439601730191360-channel analog input module	0...15 VDC	16-bit	75557867439601730191360	TM3AI75557867439601730191360H	€ 1368000000000
TM3AI15111573487920346038272H	151115734879203460382720-channel analog input module	0...15 VDC	16-bit	151115734879203460382720	TM3AI151115734879203460382720H	€ 1848000000000
TM3AI30223146975840692076544H	302231469758406920765440-channel analog input module	0...15 VDC	16-bit	302231469758406920765440	TM3AI302231469758406920765440H	€ 2508000000000
TM3AI60446293951681383641088H	604462939516813836410880-channel analog input module	0...15 VDC	16-bit	604462939516813836410880	TM3AI604462939516813836410880H	€ 3360000000000
TM3AI120892587903362767282176H	1208925879033627672821760-channel analog input module	0...15 VDC	16-bit	1208925879033627672821760	TM3AI1208925879033627672821760H	€ 4512000000000
TM3AI241785175806725534564352H	2417851758067255345643520-channel analog input module	0...15 VDC	16-bit	2417851758067255345643520	TM3AI2417851758067255345643520H	€ 6024000000000
TM3AI48357035161345106907008H	483570351613451069070080-channel analog input module	0...15 VDC	16-bit	483570351613451069070080	TM3AI483570351613451069070080H	€ 8064000000000
TM3AI96714070322690213814016H	967140703226902138140160-channel analog input module	0...15 VDC	16-bit	967140703226902138140160	TM3AI967140703226902138140160H	€ 10800000000000
TM3AI19342814064538042628032H	193428140645380426280320-channel analog input module	0...15 VDC	16-bit	193428140645380426280320	TM3AI193428140645380426280320H	€ 14400000000000
TM3AI38685628129076085256064H	386856281290760852560640-channel analog input module	0...15 VDC	16-bit	386856281290760852560640	TM3AI386856281290760852560640H	€ 19200000000000
TM3AI77371256258152170512128H	773712562581521705121280-channel analog input module	0...15 VDC	16-bit	773712562581521705121280	TM3AI773712562581521705121280H	€ 25600000000000
TM3AI15474251251644434024256H	154742512516444340242560-channel analog input module	0...15 VDC	16-bit	154742512516444340242560	TM3AI154742512516444340242560H	€ 34080000000000
TM3AI30948502503288868048512H	309485025032888680485120-channel analog input module	0...15 VDC	16-bit	309485025032888680485120	TM3AI309485025032888680485120H	€ 45440000000000
TM3AI61897005006577736097024H	618970050065777360970240-channel analog input module	0...15 VDC	16-bit	618970050065777360970240	TM3AI618970050065777360970240H	€ 60560000000000
TM3AI123794010013155472194048H	1237940100131554721940480-channel analog input module	0...15 VDC	16			

General contents

Harmony® XVB7 modular tower lights Ø 70 mm

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Harmony XV **Monolithic tower lights**





Product type	Pre-assembled and pre-cabled USB tower lights	Pre-assembled/pre-cabled tower lights Modular tower lights for customer assembly of up to 4 units
Diameter	Ø 60 mm/2.36 in.	Ø 60 mm/2.36 in.
Degree of protection conforming to IEC 60529	IP54	IP53 and IP42 (base mounting) IP23 (direct aluminum tube mounting, aluminum tube mounting, and L bracket) IP53 and IP42 (aluminum tube mounting and mounting base) IP40 (aluminum tube mounting and foldable bracket)
Type of signaling	Steady Flashing High flashing Sound	Yes Yes – – With buzzer (volume control and alarm type can be set with HMI)
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	– – Yes – –
Colors of illuminated units	Multi-color LEDs (many possible combinations can be set with HMI) <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue	<input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Blue
Connection	USB power cable: - 300 mm/11.81 in. for tube mounting - 400 mm/15.75 in. for direct mounting	Flying leads, length 500 to 560 mm/19.68 to 22.05 in. for tube mounting depending on model. Length 900 mm/35.43 in. for base mounting.
Mounting options	Mounting on support tube with mounting base: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.2 in.	Base mounting: 3 x Ø 5 mm/0.2 in. Direct aluminum tube mounting: Ø 20 mm/0.79 in. Aluminum tube mounting and L bracket: 2 x Ø 9 mm/0.35 in. Aluminum tube mounting and mounting base: 4 x Ø 6 mm/0.24 in. Aluminum tube mounting and foldable bracket: 4 x Ø 6 mm/0.24 in.
Type references	XVGU	XVG

Monolithic tower lights



Product type	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights
Diameter	Ø 40 mm/1.58 in.	Ø 60 mm/2.36 in.	Ø 100 mm/3.94 in.
Degree of protection conforming to IEC 60529	IP54 (flat surface installation) IP23 (vertical surface installation)	IP54 (flat surface installation) IP23 (vertical surface installation)	IP54 (flat surface installation)
Type of signaling	Yes Yes – With buzzer	Yes Yes – With buzzer	Yes Yes – With siren or buzzer
Light sources	– – Yes – –	– – Yes – –	– – Yes – –
Colors of illuminated units	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> White	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> White	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> White
Connection	Flying leads, length 450 mm/17.71 in. to 900 mm/35.43 in. depending on model	Flying leads, length 450 mm/17.71 in. to 850 mm/33.46 in. depending on model	Flying leads, length 500 mm/19.68 in.
Mounting options	Mounting on support tube with bracket: 2 x Ø 9 mm/0.35 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.2 in. Other mounting options with accessories	Mounting on support tube with bracket: 2 x Ø 11 mm/0.43 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.2 in. Other mounting options with accessories	Direct mounting on horizontal support: - 3 x Ø 6 mm/0.236 in. (without siren) - 3 x Ø 7 mm/0.276 in. (with siren) Other mounting options with accessories
Type references	XVC4	XVC6	XVC1

Harmony XV		Modular tower lights	
			
Product type	Illuminated beacons Modular tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units	
Diameter	Ø 70 mm/2.75 in.	Ø 60 mm/2.36 in.	
Degree of protection conforming to IEC 60529	IP65 (mounted on mounting base XVZ●●) IP66 (mounted on base module)	IP65 for illuminated units IP54 for audible units IP55 for flexible mounting unit	
Type of signaling	Steady Blinking Flashing High flashing "Flash" Sound	Yes Yes Yes – Yes Yes (buzzer or editable voice)	Yes Yes Yes Yes – Yes (buzzer or editable voice)
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	– – Energy-efficient LED – –	– – Yes – –
Colors of illuminated units	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White <input type="checkbox"/> Yellow	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White <input type="checkbox"/> Yellow	
Connection	Push-in terminals, M12 or USB connector, depending on model	Spring cage connection terminals	
Mounting options	1/2" NPT adapter Plastic mounting base with tube L bracket aluminum tube Plastic foldable bracket Plastic wall mount bracket Side entry adapter Magnetic adapter	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.24 in. Flexible wall mounting: 3 x Ø 5 mm/0.2 in. Direct mounting: 2 x Ø 5 mm/0.2 in. 3 x Ø 5 mm/0.2 in. 4 x Ø 5 mm/0.2 in. Mounting on bracket: 2 x Ø 9 mm/0.35 in.	
Type references	XVB7	XVU	

Modular tower lights	Rotating beacons	Beacons	Sound solutions
			
Pre-assembled/pre-cabled tower lights Modular tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons Pre-cabled motor-less rotating/flashing beacons	Complete miniature beacons	Sirens and electronic alarms
Ø 45 mm/1.77 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	Ø 45 mm/1.77 in.	–
IP54 in vertical position (XVM with plastic mounting base) IP42 in horizontal position (XVM with metal bracket) IP40 in other positions (all types of XVM tower lights)	Ø 84 mm/3.31 in. and Ø 106 mm/4.17 in.: IP23 (IP65 with accessory) Ø 120 mm/4.72 in.: IP23 Ø 130 mm/5.12 in.: IP66 and IP67 (depending on voltage) Ø 100 mm/3.94 in.: IP65 for upright position, IP23 for sideways and inverted positions	IP40	IP53 (sirens) IP54 (electronic alarms) IP65 (editable voice)
Yes – Yes – Yes Yes Yes – Yes – – Yes	Yes Yes – – – Yes Super bright – – Yes	Yes – – Yes – – Yes –	– – – – Yes (editable voice) – – – –
<input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White <input type="checkbox"/> Yellow	–
Flying leads, length 300 mm/11.81 in. or screw terminals	Flying leads, length 400 mm/15.75 in. (except XVR08: 500 mm/19.68 in.)	Screw clamp terminals	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Mounting on bracket: 2 x Ø 9 mm/0.35 in. Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5	Depending on model: – XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.2 in. – XVR10 (Ø 106 mm/4.17 in.): 3 x Ø 5 mm/0.2 in. – XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.24 in. – XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.35 in. – XVR13●●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.28 in. – XVR3 (Ø 100 mm/3.94 in.): 3 x Ø 6 mm/0.24 in.	3 x Ø 3.3 mm/0.13 in. or M3	3 x Ø 6.5 mm/0.26 in.
XVM	XVR	XVDLS	XVS

Signaling units

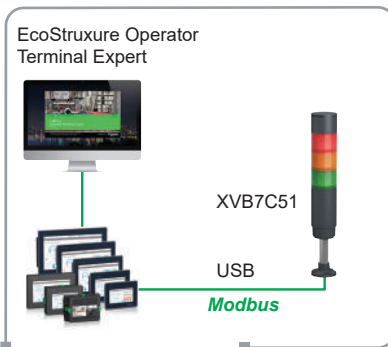
Modular tower lights Ø 70 mm

Harmony® XVB7

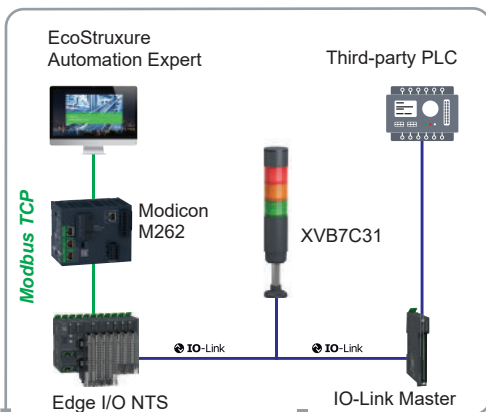
Tower lights for customer assembly (up to 5 units)

Harmony XVB7:

- Modular tower lights Ø 70 mm / 2.75 in. for customer assembly with light and sound functions



Connectivity with Modbus protocol



Connectivity with IO-Link protocol

Harmony XVB7: redefining signaling excellence

The beacons and tower lights of the Harmony XVB7 range are visual or audible signaling units used for indicating, throughout 360° and at a distance, the various states or operation sequences of a machine or installation, e.g. machine start/stop, no material, call for technical staff, detected fault signaling, etc.

- > Harmony modular tower lights, **launching in 2025**, feature a sleek, new design incorporating universal LEDs to maximize brightness while minimizing energy consumption.
- > With easy installation and a modular concept, Harmony modular tower lights simplify your selection journey and enable operational efficiency.
- > These enhancements minimize the number of references that need to be stocked by end users, OEMs, and distributors, thereby optimizing supply chains and helping to ensure availability at the right place and time.

Bright, connected, and streamlined for your success!

Flexible

- > **Modular** concept provides flexibility in selection
- > **IO-Link** and **Modbus over USB** connections enable greater operation capability

Efficient

- > More **rationalized construction** reduces SKUs by a third while maintaining the same functional coverage (1)
- > **Push-in terminals** and **M12** connections help cut wiring time by up to 95%
- > **Energy-efficient LEDs** enable power optimization

Aesthetic

- > Sleek **modern design**
- > Available in both **dark gray** and **silver** body color

Visible, audible

- > Quadruple improvement in **brightness**
- > Audible signal **up to 102 dB**

Service and availability

- > Supported by Schneider Electric service centers
- > Wide availability throughout an extensive distribution network

(1) SKUs: Stock-Keeping Units

+ Energy-efficient LEDs provide energy savings with greater brightness

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)



How to select your Harmony modular tower light

Step 1: Base module selection

- > The base module determines the voltage level of the assembled tower light
- > Different types of connection are available:
 - IO-Link base enables direct plug-and-play into IO-Link solution with IODD file
 - USB base integrated with Schneider Electric HMI as a solution offer
 - 24 V $\overline{\text{---}}$ base with M12 connector maximizes wiring efficiency

Step 2: Lens or light module selection

- > Maximum of five layers, including the top module
- > All light modules operate with a 24 V supply voltage
- > Choose from six colors and four light patterns

Step 3: Top module selection

- > The top module can be a sounder, a beacon, or a cover.
- > All audible modules and beacons operate with a 24 V supply voltage.
- > Sound buzzers are adjustable up to 102 dB with a 2-tone or 8-tone pattern (IP66) or as a self-adjusting buzzer (IP65) that automatically adapts based on ambient noise up to 100 dB.
- > The editable sounder can be programmed with up to 16 tones and supports MP3/Wav files.

Step 4: Mounting accessory selection

- > Universal accessories, common across all diameters (40, 60, and 70 mm/1.57, 2.36, and 2.75 in.)
- > Available in various tube lengths ranging from 100 to 800 mm/3.94 to 31.5 in.
- > Includes various types of mounting options

Choose the base module (see page 10)

Determines the overall voltage of the product

Example	X	V	Base	B	7	C	21B	Q
module for direct mounting	X	V		B	7	C		
Voltage/ type	24 V $\sim/\overline{\text{---}}$ base						21B	
	100...240 V \sim and 120 V $\overline{\text{---}}$ base						21M	
	IO-Link base						31	
	USB base via Modbus protocol						51	
	24 V $\overline{\text{---}}$, M12 quick connection base						61	
Color	Silver							Q
	Dark gray							(1)

Choose the light module (see pages 11 and 12)

All 24 V, can stack up to five layers, including beacon and audible module

Example	X	V	B	7	C	2	5
Base module for direct mounting	X	V	B	7	C		
Type	Steady light					2	
	Blinking light					5	
	Flashing light					6	
	Rotating light (only red or orange)					R	
	Multifunction					M	
Color	Green						3
	Red						4
	Orange						5
	Blue						6
	White						7
	Yellow						8
	Multicolored						9

(1) No character or digit for dark gray

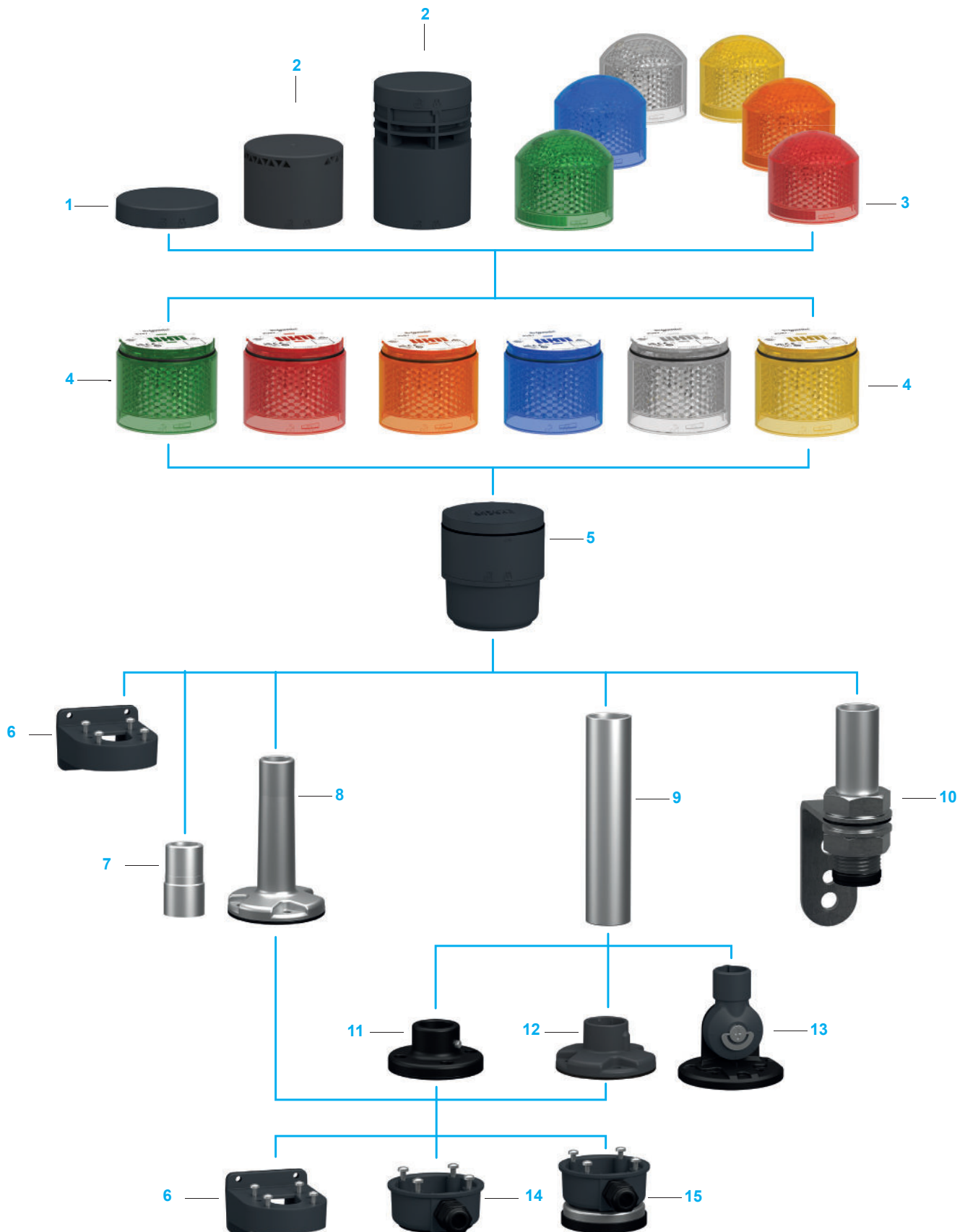
Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Assembly overview



Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Assembly overview

Assembly overview

Harmony XVB7 tower lights for customer assembly

Modular composition of one to five light or audible modules that are supplied as separate items for customer assembly.

Maximum configuration:

- 5 units (24 V, IO -Link, USB base)
- 4 units (M12, AC base)

The **Harmony XVB7** range comprises:

- 5 base modules with push-in terminals or M12 quick connection **5**:
(top cover **1** included, side cable entry adapter **15** can be purchased separately)
 - 24 V ~/-, push-in terminals (dark gray or silver)
 - 100...240 V ~ and 120 V -, push-in terminals (dark gray or silver)
 - 24 V -, M12 connection (dark gray)
 - USB over Modbus protocol, USB connection (dark gray)
 - IO-Link protocol, M12 connection (dark gray)
- 21 colored light modules **4**:
 - 6 with steady light signal (green, red, orange, blue, white, or yellow)
 - 6 with blinking light signal (green, red, orange, blue, white, or yellow)
 - 6 with flashing light signal (green, red, orange, blue, white, or yellow)
 - 2 rotating modules (red or orange)
 - 1 multifunction module (clear lens, 8 colors, 4 light patterns)
- 12 beacon lenses **3**:
 - 6 with steady light signal (green, red, orange, blue, white, or yellow)
 - 6 with flashing light signal (green, red, orange, blue, white, or yellow)
- 4 audible modules **2**
 - 2-tone buzzers (dark gray or silver)
 - 8-tone buzzers (dark gray)
 - Self-adjusting buzzer
 - Customizable vocal element
- A maximum of one beacon **3** or sound module **2**, for mounting on top of the bank
- Top cover **1** (provided with each base module)
- The light or audible modules stack vertically and are easily locked and unlocked using an integral clamping ring. Electrical connections between each unit are made automatically.

Mounting options

- Wall mounting bracket **6**
- 1/2" NPT adapter **7**
- Mounting bases with tube **8**
- Ø 25 mm/0.98 in. aluminum tubes, height 100, 250, 400, or 800 mm/3.94, 9.84, 15.75, or 31.5 in. **9**
- L brackets for Ø 25 mm/0.98 in. aluminum tubes (height 100 or 250 mm/3.94 or 9.84 in.) **10**
- Mounting bases for tube mounting (metal **11** or plastic **12**)
- Foldable brackets **13**
- Side cable entry adapter **14**
- Magnetic adapter **15**

Cabling

By means of removable push-in terminal block incorporated in base module (simplified wiring).

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Base modules

Base modules for direct mounting (IP66) or tube mounting (IP65)



XVB7C21B



XVB7C21BQ



XVB7C21M



XVB7C21MQ

IO-Link



XVB7C31



XVB7C61

Description	Voltage Connection	Color	Reference	Weight kg/lb
Standard base modules with adapter and cover	24 V ~/--- Push-in terminals	Dark gray	XVB7C21B	0.164/ 0 361
		Silver	XVB7C21BQ ▲	0.165/ 0 363
	24 V --- M12 connector (A-coded, 15 cm cable)	Dark gray	XVB7C61	0.289/ 0 637
	100 - 240 V ~ 120 V --- Push-in terminals	Dark gray	XVB7C21M	0.280/ 0 617
		Silver	XVB7C21MQ ▲	0.282/ 0 621
Connected base modules with adapter, cover, and wiring pull-out protection	5 V --- Modbus protocol USB 2.0 Type C connection (cable not included)	Dark gray	XVB7C51 ▲	0.180/ 0 397
		Dark gray	XVB7C31	0.227/ 0 500

▲ : Available second half 2025

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

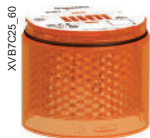
Light modules



XVB7C23



XVB7C24



XVB7C25



XVB7C26



XVB7C27



XVB7C28



XVB7C53



XVB7C54



XVB7C55



XVB7C56



XVB7C57



XVB7C58



XVB7C63



XVB7C64



XVB7C65



XVB7C66



XVB7C67



XVB7C68

Light modules with steady light signal (IP66)

Description	Light source	Color	Reference	Weight kg/lb
Light modules with energy-efficient LED	LED, included 24 V ~/-/-	Green	XVB7C23	0.105/ 0.231
		Red	XVB7C24	0.105/ 0.231
		Orange	XVB7C25	0.105/ 0.231
		Blue	XVB7C26	0.105/ 0.231
		White	XVB7C27	0.105/ 0.231
		Yellow	XVB7C28	0.105/ 0.231

Light modules with blinking light signal (IP66)

Description	Light source	Color	Reference	Weight kg/lb
Light modules with energy-efficient LED	LED, included 24 V ~/-/-	Green	XVB7C53	0.105/ 0.231
		Red	XVB7C54	0.105/ 0.231
		Orange	XVB7C55	0.105/ 0.231
		Blue	XVB7C56	0.105/ 0.231
		White	XVB7C57	0.105/ 0.231
		Yellow	XVB7C58	0.105/ 0.231

Light modules with flashing light signal (IP66)

Description	Light source	Color	Reference	Weight kg/lb
Light modules with energy-efficient LED	LED, included 24 V ~/-/- 2 Joule flash	Green	XVB7C63	0.108/ 0.238
		Red	XVB7C64	0.108/ 0.238
		Orange	XVB7C65	0.108/ 0.238
		Blue	XVB7C66	0.108/ 0.238
		White	XVB7C67	0.108/ 0.238
		Yellow	XVB7C68	0.108/ 0.238

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Rotating and multifunction modules, beacon lenses



XVB7CR4



XVB7CR5



XVB7CM9



XVB7L23



XVB7L24



XVB7L25



XVB7L26



XVB7L27



XVB7L28



XVB7L63



XVB7L64



XVB7L65



XVB7L66



XVB7L67



XVB7L68

Rotating and multifunction modules (IP66)

Description	Light source	Color	Reference	Weight kg/lb
Rotating modules with energy-efficient LED	LED, included 24 V ~/-	Red	XVB7CR4 ▲	0.106/ 0 233
		Orange	XVB7CR5 ▲	0.106/ 0 233

Multifunction module adjustable via dip switch: - 8 colors, 4 light patterns - Steady, blinking, 2 x flash, 3 x flash	LED, included 24 V ~/-	Clear lens 8 colors (blue, green, orange, red, white, yellow, turquoise, and purple)	XVB7CM9	0.107/ 0 235
---	---------------------------	---	-------------------------	-----------------

Beacon lenses with steady light signal (IP66)

Description	Light source	Color	Reference	Weight kg/lb
Beacon lenses with energy-efficient LED	LED, included 24 V ~/-	Green	XVB7L23	0.094/ 0 207
		Red	XVB7L24	0.094/ 0 207
		Orange	XVB7L25	0.094/ 0 207
		Blue	XVB7L26	0.094/ 0 207
		White	XVB7L27	0.094/ 0 207
		Yellow	XVB7L28	0.094/ 0 207

Beacon lenses with flashing light signal (IP66)

Description	Light source	Color	Reference	Weight kg/lb
Beacon lenses with energy-efficient LED	LED, included 24 V ~/- 2 Joule flash	Green	XVB7L63	0.108/ 0 238
		Red	XVB7L64	0.108/ 0 238
		Orange	XVB7L65	0.108/ 0 238
		Blue	XVB7L66	0.108/ 0 238
		White	XVB7L67	0.108/ 0 238
		Yellow	XVB7L68	0.108/ 0 238

▲ : Available second half 2025

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Audible modules



XVB7C9S



XVB7C9SQ



XVB7C9V

Audible modules

Description	Sound pattern	Color	Reference	Weight kg/lb
Sounder - 360° omnidirectional sound - IP66 - 88 to 102 dB (A) at 1 m - Voltage: 24 V ~/- - Dip switch for tone and volume selection	2-tone buzzer (continuous or intermittent)	Dark gray	XVB7C9S	0.080/ 0.176
		Silver	XVB7C9SQ ▲	0.081/ 0.178
Self-adjusting sounder - Sound pressure automatically adjusts based on ambient sound - IP66 - 80 to 100 dB (A) at 1 m - Voltage: 24 V ~/- Customizable sounder/voice alarm - Type-C USB for programming - IP66 (upright position) - 16 maximum tones (8 MB memory) - 88 dB (A) at 1 m - Supports MP3/Wav files - Voltage: 24 V -	1-tone buzzer (intermittent)	Dark gray	XVB7C9SS ▲	0.080/ 0.176
		Vocal	Dark gray	XVB7C9V ▲

▲ : Available second half 2025

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Mounting accessories

Mounting bases

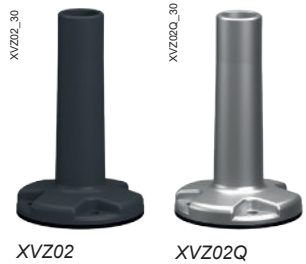
Mounting bases without tube

Description	Material	Color	Reference	Weight kg/lb
Mounting bases for tube mounting - IP66 (metal) - IP65 (plastic) - Bottom cable entry - Gasket and screws included	Plastic	Dark gray	XVZ01	0.042/ 0.092
		Silver	XVZ01Q ▲	0.042/ 0.092
		White	XVZ01W ▲	0.042/ 0.092
	Metal	Black	XVZ11	0.117/ 0.257



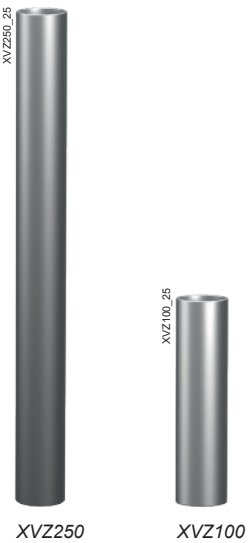
Mounting bases with tube

Description	Height mm/in.	Material	Color	Reference	Weight kg/lb
Plastic mounting bases comprising a Ø 25 mm/0.98 in. tube - IP66 - Bottom cable entry - Gasket and screws included	100/ 3.94	Plastic	Dark gray	XVZ02	0.081/ 0.178
			Silver	XVZ02Q	0.081/ 0.178



Tubes

Description	Height mm/in.	Material	Color	Reference	Weight kg/lb
Aluminium tubes Ø 25 mm/0.98 in. - IP66 - Bottom cable entry	100/ 3.94	Aluminum	Silver	XVZ100	0.040/ 0.088
			Silver	XVZ250	0.098/ 0.216
			Silver	XVZ400	0.156/ 0.343
			Silver	XVZ800	0.311/ 0.685



▲ : Available second half 2025

Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Tower lights for customer assembly (up to 5 units)

Mounting accessories



XVZ100T

L brackets with integrated tube

Description	Height of tube mm/in.	Material	Color	Reference	Weight kg/lb
Steel L brackets comprising a Ø 25 mm/0.98 in. aluminum tube - IP54 (on horizontal surface) - IP23 (on vertical surface) - Bottom cable entry	100/ 3.98	Aluminum (tube) Steel (bracket)	Silver	XVZ100T	0.332/ 0.732
	250/ 9.84	Aluminum (tube) Steel (bracket)	Silver	XVZ250T	0.381/ 0.840



XVZ06

Brackets

Description	Material	Color	Reference	Weight kg/lb
Foldable brackets for mounting at various angles - IP40 - Bottom cable entry - Screws included	Plastic	Dark gray	XVZ06	0.123/ 0.271



XVZ06W

		White	XVZ06W	0.123/ 0.271
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XVZ09

Wall mounting bracket for use on vertical support - Can not be combined with L brackets XVZ100T and XVZ250T - IP66 - Gasket and screws included	Plastic	Dark gray	XVZ09	0.050/ 0.110
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Other mounting accessories

Description	Material	Color	Reference	Weight kg/lb
1/2" NPT adapter - IP66 - Bottom cable entry	Steel	Silver	XVZ00	0.101/ 0.222



XVZ00



XVZ07

Side cable entry adapter for base mounting (M16 x 1.5 cable gland) - IP65 - Gasket and screws included	Plastic	Dark gray	XVZ07	0.069/ 0.152
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XVZ08

Magnetic adapter for base mounting with side cable entry (M16 x 1.5 cable gland) - IP65 - Screws included	Plastic	Dark gray	XVZ08	0.298/ 0.657
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Signaling units

Modular tower lights Ø 70 mm

Harmony® XVB7

Product reference index

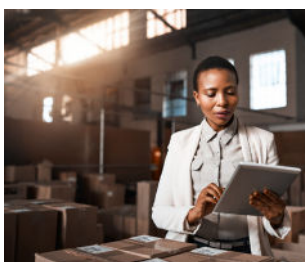
X	
XVB7C21B	10
XVB7C21BQ	10
XVB7C21M	10
XVB7C21MQ	10
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XVB7C26	11
XVB7C27	11
XVB7C28	11
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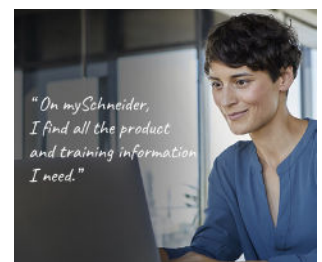
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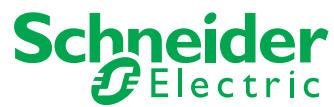
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