

Building infrastructure

Efficiency and safety under one roof

Solutions for the specific requirements of building infrastructure



Weidmüller 

Complete installation quickly, safely, and in accordance with standards

Solutions for the specific requirements of building infrastructure

A large number of standards and regulations govern the building industry. As a result, high safety standards must be met for electrical installations. Due to increasing time pressures and a growing lack of trained professionals in the electrical industry, these installations also need to be completed in an ever faster, simpler, and more economical fashion. We offer you a comprehensive range of installation products and solutions for building infrastructure that are precisely tailored to these specific requirements. Our installation terminal blocks, power supplies, relays and smart metering systems, as well as lightning and surge protection devices can easily be integrated into complex distributor cabinets, even in very small spaces. Specialised features improve safety and offer you true added value in planning, installation, and operation.



Your benefits at a glance



Cutting-edge

We offer you state-of-the-art products and solutions for sustainable energy generation, as well as for power distribution and building charging infrastructure.



Practical

All of our connection technologies and connectivity solutions can be installed in a quick, space-saving, and economical fashion in everyday work. They are robust and offer long-term reliability.



Compliant with standards

Our devices and connectivity solutions conform to all applicable standards and guidelines. They ensure the highest possible safety during installation and in operation.

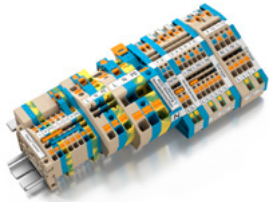


2 Workshop | p. 22

1

Building distribution boards

Our products and solutions for building distribution boards



1.1 Klippon® Connect terminal blocks

Specially developed installation terminal blocks for the unique requirements and safety specifications of wiring in buildings.

Page 6



1.2 Power supplies

Power supplies and auxiliary components suitable for industrial applications – from primary switched-mode power supplies to DC/DC converters and UPS control modules, to electronic fuses.

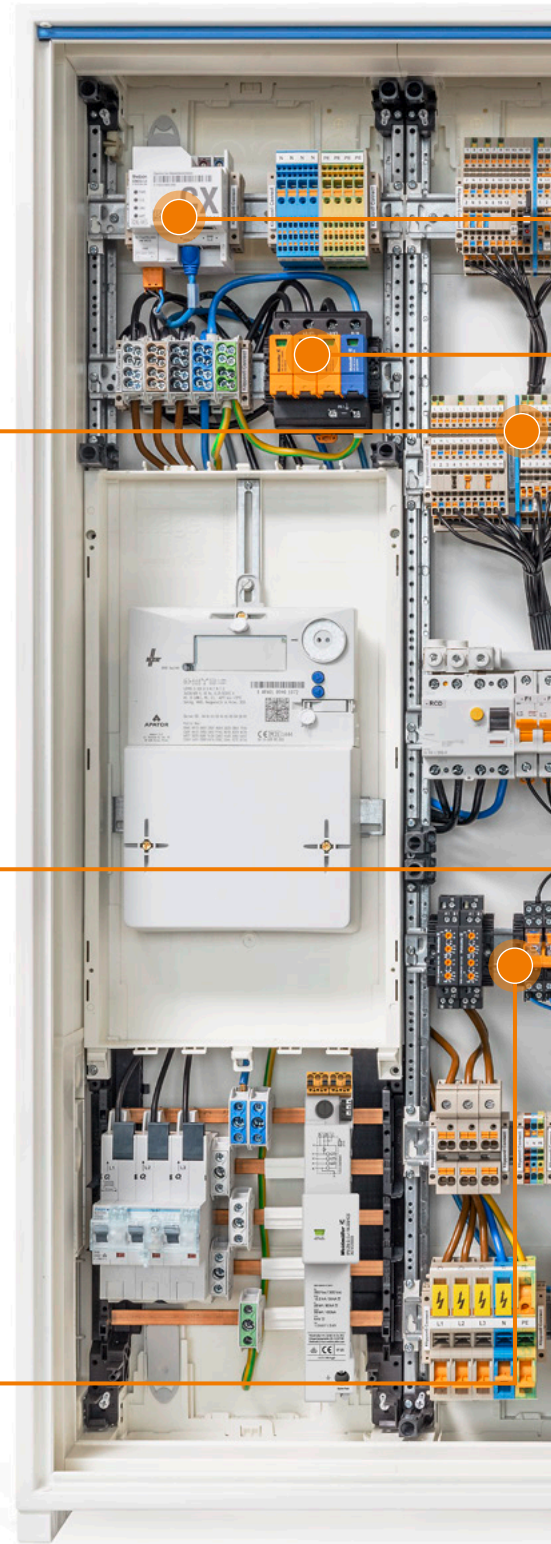
Page 12

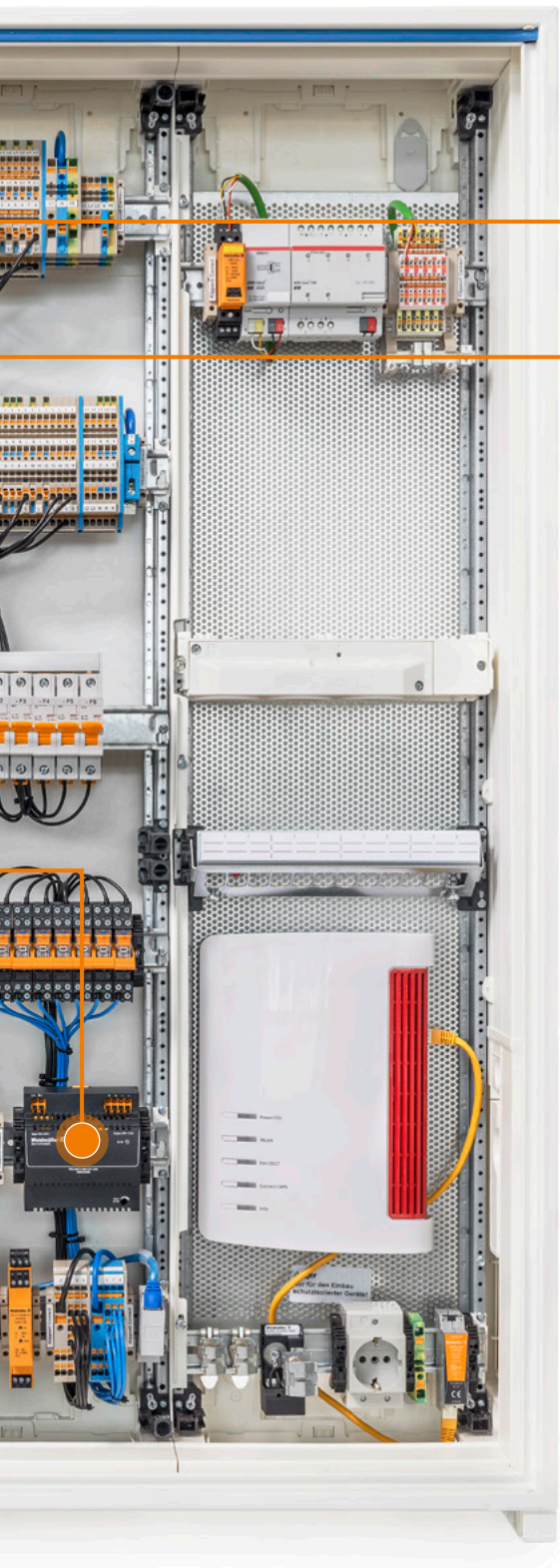


1.3 Klippon® Relay relay modules and solid-state relays

Reliable and durable relay modules and timing relays for the specific requirements of the building industry.

Page 14





1.4 VARITECTOR lightning and surge protection

Lightning and surge protection devices that conform to the standards of DIN VDE 0100-443 and -534 for mandatory surge protection in building infrastructure.

Page 16



1.5 Smart Metering connectivity technology

Custom-tailored connectivity solutions for intelligent measurement systems and Smart Metering systems to efficiently handle the energy transition.

Page 18

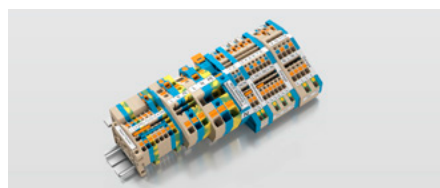


1.1 Klippon® Connect terminal blocks

Compact planning – structured wiring

Installation wiring poses particular challenges in terms of the design of terminal blocks. On the one hand, solutions in this area need to be economical and compact, and on the other they also need to be easy to handle and understand. Furthermore, wiring to distribution boards and small distribution boards needs to be implemented in a very small space.

Our terminal blocks for building installation ensure you are well equipped to meet all of these requirements. The PUSH IN technology, for instance, enables us to create highly compact designs that are easy to understand. This makes it simple to carry out the wiring for your building infrastructure simply and reliably.



AITB installation terminal blocks

- Safe disconnection of the neutral conductor
- Coloured functional areas
- Standardised test interface



AWPD 35 potential distribution terminal block

- Compatible with the Klippon® Connect A series
- Distinct contact identification
- Standardised testing point



WPD main line branch terminals

- Vertical and horizontal mounting options
- Connection of Aluminium conductors
- Finger safe as per EN 50274



KNX distributor terminals A2T 1.5 KNX

- Minimal space requirements thanks to 3.5 mm installed width
- Colour coded terminals for each wire colour
- Standardised accessories



AAP system control voltage distribution

- Up to seven connections on one terminal block
- Distinct contact identification
- Standardised testing point



Potential distribution blocks WPD

- Unique contact designations
- Possibility to connect aluminum conductors
- Finger safety according to EN 50274



A-Series with PUSH IN technology

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
AITB - Feed-through terminal blocks - 1 level					
AITB 2.5 BB 2C	800 V / 24 A	0.14 - 4 mm ²	●	50	2668660000
AITB 2.5 BB 2C BL	800 V / 24 A	0.14 - 4 mm ²	●	50	2668670000
AITB 6 BB 2C	800 V / 41 A	0.34 - 10 mm ²	●	50	2668700000
AITB 6 BB 2C BL	800 V / 41 A	0.34 - 10 mm ²	●	50	2668710000
AITB 16 BB 2C	800 V / 76 A	0.5 - 16 mm ²	●	20	2668740000
AITB 16 BB 2C BL	800 V / 76 A	0.5 - 16 mm ²	●	20	2668750000
Note: IEC 60947-7-1					
AITB - Protective earth terminal blocks - 1 level					
AITB 2.5 BB 2C PE	800 V / - A	0.14 - 4 mm ²	●	50	2668680000
AITB 6 BB 2C PE	800 V / - A	0.34 - 10 mm ²	●	50	2668720000
AITB 16 BB 2C PE	800 V / - A	0.5 - 16 mm ²	●	20	2668760000
Note: IEC 60947-7-2					
AITB - Neutral conductor - disconnect terminal blocks - 1 level					
AITB 2.5 BB NDT BL	250 V / 23 A	0.14 - 4 mm ²	●	50	2668690000
AITB 6 BB NDT BL	800 V / 41 A	0.34 - 10 mm ²	●	50	2668730000
AITB 16 BB NDT BL	400 V / 72 A	0.5 - 16 mm ²	●	20	2668770000
AITB 16 BB NLO	Feed-in / end bracket / support bracket	TS35 terminal rail	●	20	2669140000
Note: In accordance with IEC 60947-7-1					
AITB - distribution terminals- 3 level with busbar connection 10 x 3 mm					
AITB 2.5 BB L-L	400 V / 24 A	0.14 - 4 mm ²	●	50	2668900000
AITB 2.5 BB N-L	400 V / 24 A	0.14 - 4 mm ²	●	50	2668910000
AITB 2.5 BB L	400 V / 24 A	0.14 - 4 mm ²	●	50	2668920000
AITB 2.5 BB L-L-PE	250 V / 24 A	0.14 - 4 mm ²	●	50	2668930000
AITB 2.5 BB N-L-PE	250 V / 24 A	0.14 - 4 mm ²	●	50	2668940000
AITB 2.5 BB NDT-L-PE	250 V / 24 A	0.14 - 4 mm ²	●	50	2668950000
AITB 4 BB L-L	400 V / 36 A	0.14 - 6 mm ²	●	50	2669070000
AITB 4 BB L-L-PE	250 V / 36 A	0.14 - 6 mm ²	●	50	2669080000
AITB 4 BB N-L-PE	250 V / 36 A	0.14 - 6 mm ²	●	50	2669090000
AITB 4 BB NDT-L-PE	250 V / 36 A	0.14 - 6 mm ²	●	50	2669100000
Note: IEC 60947-7-1					
AITB - distribution terminals- 3 level without busbar connection 10 x 3 mm					
AITB 2.5 L-L	400 V / 21 A	0.14 - 4 mm ²	●	50	2669000000
AITB 2.5 L-L-PE	250 V / 21 A	0.14 - 4 mm ²	●	50	2669010000
AITB 2.5 N-L-PE	250 V / 21 A	0.14 - 4 mm ²	●	50	2669020000
AITB 2.5 NDT-L-PE	250 V / 21 A	0.14 - 4 mm ²	●	50	2669030000
AITB 2.5 LDT-L	400 V / 21 A	0.14 - 4 mm ²	●	50	2668980000
AITB 2.5 LDT-L W/O DTLV	400 V / 21 A	0.14 - 4 mm ²	●	50	2668990000
AITB 2.5 LDT-L-PE	250 V / 21 A	0.14 - 4 mm ²	●	50	2669040000
AITB 2.5 LDT-L-PE W/O DTLV	250 V / 21 A	0.14 - 4 mm ²	●	50	2669050000
Note: IEC 60947-7-1					



AITB - terminal blocks - accessories

Type	Product type	Version for	Colour	Qty.	Order No.
End plates					
AEP ITB 2.5 BB 2C	End plate	AITB 2.5 BB 2C	●	20	2668780000
AEP ITB 2.5 BB 2C BL	End plate	AITB 2.5 BB 2C BL	●	20	2668790000
AEP ITB 6 BB 2C	End plate	AITB 6 BB 2C	●	20	2668810000
AEP ITB 6 BB 2C BL	End plate	AITB 6 BB 2C BL	●	20	2668820000
AEP ITB 16 BB 2C	End plate	AITB 16 BB 2C	●	20	2668840000
AEP ITB 16 BB 2C BL	End plate	AITB 16 BB 2C BL	●	20	2668850000
AEP ITB 2.5 BB NDT BL	End plate	AITB 2.5 BB NDT BL	●	20	2668800000
AEP ITB 6 BB NDT BL	End plate	AITB 6 BB NDT BL	●	20	2668830000
AEP ITB 16 BB NDT BL	End plate	AITB 16 BB NDT BL	●	20	2668860000
AEP ITB 2.5 BB	End plate	AITB 2.5 BB ...	●	20	2668960000
AEP ITB 2.5	End plate	AITB 2.5 ...	●	20	2669060000
AEP ITB 4 BB	End plate	AITB 4 BB ...	●	20	2669110000
Support brackets					
APP ITB 2.5 BB 2C/NDT BL	Support bracket	AITB 2.5 BB NDT BL	●	20	2668870000
APP ITB 6 BB 2C/NDT BL	Support bracket	AITB 6 BB NDT BL	●	20	2668880000
APP ITB 16 BB 2C/NDT BL	Support bracket	AITB 16 BB NDT BL	●	20	2668890000
APP ITB 4 BB BL	Support bracket - installation terminals	AITB 4 BB ...	●	20	2669120000
APP ITB 2.5 BB BL	Support bracket - installation terminals	AITB 2.5 BB ...	●	20	2668970000
End bracket					
AEB ITB 2.5/4 BB BL	End bracket / support bracket	TS35 terminal rail	●	20	2690440000
AEB ITB 16 BB BL	End bracket / support bracket	TS35 terminal rail	●	20	2669130000
Cross-connector					
ZQV 2.5N/2	2-pole cross-connector	AITB 2.5 ... and AITB 2.5 BB ...	●	60	1527540000
ZQV 2.5N/10	10-pole cross-connector	AITB 2.5 ... and AITB 2.5 BB ...	●	20	1527690000
ZQV 2.5N/2 BL	2-pole cross-connector	AITB 2.5 ... and AITB 2.5 BB ...	●	60	1527740000
ZQV 2.5N/10 BL	10-pole cross-connector	AITB 2.5 ... and AITB 2.5 BB ...	●	20	1527880000
ZQV 6N/2	2-pole cross-connector	AITB 6 BB ...	●	60	1985740000
ZQV 6N/2 BL	2-pole cross-connector	AITB 6 BB ...	●	60	1985830000
ZQV 10N/2	2-pole cross-connector	AITB 16 BB ...	●	25	2497250000
ZQV 4N/2	2-pole cross-connector	AITB 4 BB ...	●	60	1527930000
ZQV 4N/10	10-pole cross-connector	AITB 4 BB ...	●	20	1528090000



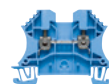
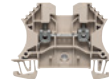
A2T - KNX terminal block

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
A2T 1.5 KNX RD-BK	500 V / 16 A	0.14...1.5 mm ²	●●	50	2652200000
A2T 1.5 KNX WT-YL	500 V / 16 A	0.14...1.5 mm ²	○●	50	2652210000
End plates					
AEP 2T 1.5	End plate	A2T 1.5	●	20	2469420000
Cross-connector					
ZQV 1.5N/2	2-pole cross-connector	A2T-KNX	●		1985410000
ZQV 1.5N/10	10-pole cross-connector	A2T-KNX	●		1985580000



W-Series with clamping yoke technology

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WDU - Feed-through terminal blocks - 1 level					
WDU 2.5	800 V / 32 A	0.5 - 4 mm ²	●	100	1020000000
WDU 2.5 BL	800 V / 32 A	0.5 - 4 mm ²	●	100	1020080000
WDU 4	800 V / 41 A	0.5 - 6 mm ²	●	100	1020100000
WDU 4 BL	800 V / 41 A	0.5 - 6 mm ²	●	100	1020180000
WDU 6	800 V / 57 A	0.5 - 10 mm ²	●	100	1020200000
WDU 6 BL	800 V / 57 A	0.5 - 10 mm ²	●	100	1020280000
WDU 10	1000 V / 76 A	1.5 - 16 mm ²	●	50	1020300000
WDU 10 BL	1000 V / 76 A	1.5 - 16 mm ²	●	50	1020380000
WDU 16N	690 V / 101 A	1.5 - 16 mm ²	●	50	1036100000
WDU 16N BL	690 V / 101 A	1.5 - 16 mm ²	●	50	1036180000
WDU 35N	500 V / 150 A	2.5 - 35 mm ²	●	20	1040400000
WDU 35N BL	500 V / 150 A	2.5 - 35 mm ²	●	20	1040480000
WDU 50N	1000 V / 192 A	10...50 mm ²	●	10	1820840000
WDU 50N BL	1000 V / 192 A	10 - 50 mm ²	●	10	1820850000
WDU 70N/35	1000 V / 232 A	10 - 70 mm ²	●	10	9512190000
WDU 70N/35 BL	1000 V / 232 A	10 - 70 mm ²	●	10	9512420000
Note: IEC 60947-7-1					
WPE - Protective earth terminal blocks - 1 level					
WPE 2.5	800 V / - A	0.5 - 4 mm ²	●	100	1010000000
WPE 4	800 V / - A	0.5 - 6 mm ²	●	100	1010100000
WPE 6	800 V / - A	0.5 - 10 mm ²	●	50	1010200000
WPE 10	1000 V / - A	1.5 - 16 mm ²	●	50	1010300000
WPE 16N	400 V / - A	1.5 - 16 mm ²	●	50	1019100000
WPE 35N	400 V / - A	2.5 - 35 mm ²	●	20	1717740000
WPE 50N	1000 V / - A	10 - 50 mm ²	●	10	1846040000
WPE 70N/35	1000 V / - A	10 - 70 mm ²	●	10	9512200000
Note: IEC 60947-7-2					
WNT - Neutral conductor - disconnect terminal blocks - 1 level					
WNT 2.5 10X3	400 V / 32 A	0.5 - 4 mm ²	●	100	1010680000
WNT 4 10X3	400 V / 41 A	0.5 - 6 mm ²	●	100	1010780000
WNT 6 10X3	400 V / 57 A	0.5 - 10 mm ²	●	50	1010880000
WNT 10 10X3	400 V / 76 A	1.5 - 16 mm ²	●	50	1010980000
WNT 16N 10X3	400 V / 101 A	1.5 - 16 mm ²	●	50	1019000000
WNT 35N 10X3	400 V / 150 A	2.5 - 35 mm ²	●	20	1718550000
WNT 70N/35	400 V / 207 A	10 - 70 mm ²	●	10	9512210000
Note: IEC 60947-7-1					
WDL - distribution terminals- 3 level with busbar connection 10 x 3 mm					
WDL 2.5/S/NT/L/PE	400 V / 32 A	0.5 - 4 mm ²	●●●	50	1030600000
WDL 2.5/S/L/L	400 V / 32 A	0.5 - 4 mm ²	●	50	1031200000
WDL 2.5/S/N	400 V / 32 A	0.5 - 4 mm ²	●●	50	1030900000
WDL 2.5/S/L	400 V / 32 A	0.5 - 4 mm ²	●	50	1031300000
WDL 2.5/S/N/L	400 V / 32 A	0.5 - 4 mm ²	●●	50	1030800000
WDL 2.5/S/N/L/PE	400 V / 32 A	0.5 - 4 mm ²	●●●	50	1030700000
WDL 2.5/S/L/L/PE	400 V / 32 A	0.5 - 4 mm ²	●●	50	1031100000
Note: IEC 60947-7-1					
WDL - distribution terminals- 3 level without busbar connection 10 x 3 mm					
WDL 2.5/NT/L/PE	400 V / 32 A	0.5 - 4 mm ²	●●●	50	1029800000
WDL 2.5/L/L	400 V / 32 A	0.5 - 4 mm ²	●	50	1030300000
WDL 2.5/N/L	400 V / 32 A	0.5 - 4 mm ²	●●	50	1030000000
WDL 2.5/N/L/PE	400 V / 32 A	0.5 - 4 mm ²	●●●	50	1029900000
WDL 2.5/L/L/PE	400 V / 32 A	0.5 - 4 mm ²	●●	50	1030200000
Note: IEC 60947-7-1					



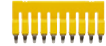
W-Series - terminal blocks - accessories (1/ 2)

Type	Product type	Version for	Colour	Qty.	Order No.
End plates, partitions					
WAP 2.5-10	End plate	WDU, WPE 2.5 to 10	●	50	1050000000
WAP 2.5-10 BL	End plate	WDU 2.5 to 10	●	50	1050080000
WAP WDL2.5/S	End plate	WDL 2.5/S	●	20	1067700000
WAP WDL2.5	End plate	WDL 2.5	●	20	1067800000
Support brackets					
WHP 2.5-35N/10x3 BL	Support bracket	WNT 2.5-35	●	20	1050280000
WHP WDL2.5/S BL	Support bracket	WDL 2.5/S	●	20	1067980000



W-Series - terminal blocks - accessories (2/ 2)

Type	Product type	Version for	Colour	Qty.	Order No.
Cross-connector					
WQV 2.5/2	2-pole cross-connection	WDU 2.5	●	50	1053660000
WQV 2.5/10	10-pole cross-connection	WDU 2.5	●	20	1054460000
WQV 4/2	2-pole cross-connection	WDU 4	●	50	1051960000
WQV 4/10	10-pole cross-connection	WDU 4	●	20	1052060000
WQV 6/2	2-pole cross-connection	WDU 6	●	50	1052360000
WQV 6/10	10-pole cross-connection	WDU 6	●	20	1052260000
WQV 10/2	2-pole cross-connection	WDU 10, WDK10	●	50	1052560000
WQV 10/10	10-pole cross-connection	WDU 10, WDK10	●	20	1052460000
WQV 16N/2	2-pole cross-connection	WDU 16N	●	50	1636560000
WQV 35N/2	2-pole cross-connection	WDU 35N	●	20	1079200000
WQV 50N/2	2-pole cross-connection	WDU 50N	●	5	1834060000
WQV 70N/2	2-pole cross-connection	WDU 70N	●	5	9512240000
Q 2 WDL2.5S	2-pole cross-connection	WDL 2.5 S	●	50	1071500000
Q 10 WDL2.5S	10-pole cross-connection	WDL 2.5 S	●	20	1071800000
WQV 4/2	2-pole cross-connection	WDL 2.5	●	50	1051960000
WQV 4/10	10-pole cross-connection	WDL 2.5	●	20	1052060000



Mounting accessories terminal blocks

Type	Rated current	Dimensions (width x depth)		Material / colour	Qty.	Order No.
SSCH - busbar						
SSCH 10X3X1000 CU/SN	140 A	10 x 3 mm		Tinned copper / silver	1	0348900000
Type		Length		Colour	Qty.	Order No.
Cover for 10x3 busbar						
BB-CV AITB 3X10		300 mm			10	2911380000
BB-CV AITB 3X10 BL		300 mm			10	2918930000
Type	Clamping screw	Clamping range min. / max.		Material / colour	Qty.	Order No.
ZB - Clamping yoke - uninsulated						
ZB 4	M3	0.5 - 6 mm²		Steel / silver	50	0316500000
ZB 10 F.10X3/10X5/10X10	M4	1.5 - 10 mm²		Steel / silver	50	1261300000
ZB 16 ZKSC	M4	2.5 - 16 mm²		Steel / silver	50	0316600000
ZB 35/M6X16	M6	16 - 35 mm²		Steel / silver	20	0266500000
ZB - Clamping yoke - insulated						
ZB 4K BL	M3	0.5 - 6 mm²		Steel / 	50	0475380000
ZB 16K BL	M4	2.5 - 16 mm²		Steel / 	50	0502880000
ZB 35K BL M6X16	M6	16 - 35 mm²		Steel / 	20	0502680000
ZB 4K GE/GN	M3	0.5 - 6 mm²		Steel / 	50	0475360000
ZB 16K GE/GN	M4	2.5 - 16 mm²		Steel / 	50	0502860000
ZB 35K GE/GN M6X16	M6	16 - 35 mm²		Steel / 	20	0502660000
Type	Short-circuit withstand rating	Hole pattern	Thickness	Material	Qty.	Order No.
TS - terminal rails - 7.5 mm height / 35 mm width						
TS 35X7.5/LL 2M/ST/ZN	16 mm²	with slot	1.0 mm	Steel, galvanized, chrome-plated	2	0514500000
TS 35X7.5 2M/ST/ZN	16 mm²	without perforation	1.0 mm	Steel, galvanized, chrome-plated	2	0383400000
TS - terminal rails - 15 mm height / 35 mm width						
TS 35X15/LL 2M/ST/ZN	25 mm²	with slot	1.5 mm	Steel, galvanized, chrome-plated	2	0236500000
TS 35X15 2M/ST/ZN	25 mm²	without perforation	1.5 mm	Steel, galvanized, chrome-plated	2	0236400000
TS 35X15/2.3 2M/ST/ZN	50 mm²	without perforation	1.5 mm	Steel, galvanized, chrome-plated	2	0498000000
Type	Function				Qty.	Order No.
TSTW - terminal rail carrier - FM - mounting foot						
TSTW 6/M6	Angle for terminal rail mounting = 35 ° / installation with M6 thread				10	0164000000
TSTW 5/M5	Angle for terminal rail mounting = 35 ° / installation with M5 thread				10	2725300000
FM 4/TS35	Clip-in foot for the terminal rail / installation with M4 thread				40	2725400000
Type	Product type	Design for / dimensions (depth x height)		Colour / Installation	Qty.	Order No.
End bracket for terminal blocks						
AEB 35 SC/1	End bracket optimised for the A-Series	Terminal rail TS 35x... / 58 x 36 mm		 / for screw fixing	50	1991920000
WEW 35/2	End bracket optimised for the W-Series	Terminal rail TS 35x... / 56 x 46.5 mm		 / for screw fixing	50	1061200000
WEW 35/1	End bracket optimised for the W-Series	Terminal rail TS 35x.../ 56 x 62.5 mm		 / for screw fixing	50	1059000000
ZEW 35	End bracket optimised for the Z-Series	Terminal rail TS 35x... / 55 x 40 mm		 / for screw fixing	20	9540000000
DEK - Terminal markers						
DEK 5 FW 1-50	5 x 5 mm	1 - 50			500	0473460001
DEK 5 FW 51-100	5 x 5 mm	51 - 100			500	0473460051
DEK 5 FW 101-150	5 x 5 mm	101 - 150			500	0473460101
DEK 5 FW 151-200	5 x 5 mm	151 - 200			500	0473460151
DEK 5 FW 201-250	5 x 5 mm	201 - 250			500	0473460201
DEK 5 FWZ 1-10	5 x 5 mm	1 - 10			500	0523060001
DEK 5 FWZ 11-20	5 x 5 mm	11 - 21			500	0523060011
DEK 5 FWZ 21-30	5 x 5 mm	21 - 30			500	0523060021
DEK 5 FWZ 31-40	5 x 5 mm	31 - 40			500	0523060031
DEK 5 FWZ 41-50	5 x 5 mm	41 - 50			500	0523060041
DEK 5 FWZ L1-PE	5 x 5 mm	L1, L2, L3, N, PE			500	0354361187
Type	Dimensions (height x width)	Inlay tag / protective strips		Colour	Qty.	Order No.
EM & SCHK - group tag carrier						
EM 8/30	32.4 x 7.2 mm	ESO 7.../ -		transparent	50	1806120000
ESO 7 DIN A4 WS	6.3 x 27.3 mm	Insert marker for EM 8/30 & WKM 8/30			10	1607720000



WPD - power-feed modules

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
2 connections, 1 feed-through					
WPD 130 1X50/1X50 GY	1000 V / 150 A	1 x 50 / 1 x 50 mm ²	●	9	2502530000
WPD 130 1X50/1X50 BL	1000 V / 150 A	1 x 50 / 1 x 50 mm ²	●	9	2502540000
WPD 130 1X50/1X50 BN	1000 V / 150 A	1 x 50 / 1 x 50 mm ²	●	9	2502560000
WPD 130 1X50/1X50 GN	1000 V / 150 A	1 x 50 / 1 x 50 mm ²	●	9	2502550000
WPD 130 1X50/1X50 BK	1000 V / 150 A	1 x 50 / 1 x 50 mm ²	●	9	2502570000
2 connections, 1 feed-through + 1 x 10 mm² power supply or monitoring connection					
WPD 131 1X95/1X95 GY	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	2	2503090000
WPD 131 1X95/1X95 BL	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	2	2502660000
WPD 131 1X95/1X95 BN	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	2	2502680000
WPD 131 1X95/1X95 GN	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	2	2502670000
WPD 131 1X95/1X95 BK	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	2	2502690000
2 connections, 1 feed-through + 1 x 10 mm² power supply or monitoring connection					
WPD 132 1X185/1X185 GY	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502750000
WPD 132 1X185/1X185 BL	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502760000
WPD 132 1X185/1X185 BN	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502780000
WPD 132 1X185/1X185 GN	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502770000
WPD 132 1X185/1X185 BK	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502790000
2 connections, 1 feed-through + 1 x 10 mm² power supply or monitoring connection					
WPD 133 1X300/1X300 GY	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502850000
WPD 133 1X300/1X300 BL	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502860000
WPD 133 1X300/1X300 BN	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502880000
WPD 133 1X300/1X300 GN	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502870000
WPD 133 1X300/1X300 BK	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502890000
4 connections, 1 feed-through					
WPD 230 2X50/2X50 GY	1000 V / 150 A	2 x 50 / 2 x 50 mm ²	●	5	2502580000
WPD 230 2X50/2X50 BL	1000 V / 150 A	2 x 50 / 2 x 50 mm ²	●	5	2502590000
WPD 230 2X50/2X50 BN	1000 V / 150 A	2 x 50 / 2 x 50 mm ²	●	5	2502610000
WPD 230 2X50/2X50 GN	1000 V / 150 A	2 x 50 / 2 x 50 mm ²	●	5	2502600000
WPD 230 2X50/2X50 BK	1000 V / 150 A	2 x 50 / 2 x 50 mm ²	●	5	2502950000
4 connections, 1 feed-through + 2 x 10 mm² power supply or monitoring connection					
WPD 231 2X95/2X95 GY	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	1	2502700000
WPD 231 2X95/2X95 BL	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	1	2502710000
WPD 231 2X95/2X95 BN	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	1	2502730000
WPD 231 2X95/2X95 GN	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	1	2502720000
WPD 231 2X95/2X95 BK	1000 V / 232 A	1 x 95 / 1 x 95 mm ²	●	1	2502740000
4 connections, 1 feed-through + 2 x 10 mm² power supply or monitoring connection					
WPD 232 2X185/2X185 GY	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502800000
WPD 232 2X185/2X185 BL	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502810000
WPD 232 2X185/2X185 BN	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502830000
WPD 232 2X185/2X185 GN	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502820000
WPD 232 2X185/2X185 BK	1000 V / 353 A	1 x 185 / 1 x 185 mm ²	●	1	2502840000
4 connections, 1 feed-through + 2 x 10 mm² power supply or monitoring connection					
WPD 233 2X300/2X300 GY	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502900000
WPD 233 2X300/2X300 BL	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502910000
WPD 233 2X300/2X300 BN	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502930000
WPD 233 2X300/2X300 GN	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502920000
WPD 233 2X300/2X300 BK	1000 V / 520 A	1 x 300 / 1 x 300 mm ²	●	1	2502940000
6 connections, 3 feed-throughs					
WPD 330 3X50/3X50 3XGY	1000 V / 150 A	3 x 50 / 3 x 50 mm ²	● ● ●	3	2502620000
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	1000 V / 150 A	3 x 50 / 3 x 50 mm ²	● ● ●	3	2502650000
WPD 330 3X50/3X50 1XGY/1XBL/1XGN	1000 V / 150 A	3 x 50 / 3 x 50 mm ²	● ● ●	3	2502640000
Accessories					
WPDPC X30 GY	Protective covers	for WPD x30	●	3	2503330000
WPDPC X31 GY	Protective covers	for WPD x31	●	3	2503370000
WPDPC X32 GY	Protective covers	for WPD x32	●	3	2503380000
WPDPC X33 GY	Protective covers	for WPD x33	●	3	2503390000
Note: IEC 60947-7-1					



WPD - main line branch terminal (1/2)

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
Single block WPD 10x					
WPD 101 2X25/2X16 GY	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	●	5	1560730000
WPD 101 2X25/2X16 BL	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	●	5	1560670000
WPD 101 2X25/2X16 BN	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	●	5	1561120000
WPD 101 2X25/2X16 GN	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	●	5	1560650000
WPD 101 2X25/2X16 BK	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	●	5	1561100000
WPD 102 2X35/2X25 GY	1000 V / 202 A	2 x 35 / 2 x 25 mm ²	●	5	1561680000
WPD 102 2X35/2X25 BL	1000 V / 202 A	2 x 35 / 2 x 25 mm ²	●	5	1561640000
WPD 102 2X35/2X25 BN	1000 V / 202 A	2 x 35 / 2 x 25 mm ²	●	5	1561650000
WPD 102 2X35/2X25 GN	1000 V / 202 A	2 x 35 / 2 x 25 mm ²	●	5	1561670000
WPD 102 2X35/2X25 BK	1000 V / 202 A	2 x 35 / 2 x 25 mm ²	●	5	1561630000
WPD 103 2X70/2X50 GY	1000 V / 300 A	2 x 70 / 2 x 50 mm ²	●	3	1561770000
WPD 103 2X70/2X50 BL	1000 V / 300 A	2 x 70 / 2 x 50 mm ²	●	3	1561780000
WPD 103 2X70/2X50 BN	1000 V / 300 A	2 x 70 / 2 x 50 mm ²	●	3	1561820000
WPD 103 2X70/2X50 GN	1000 V / 300 A	2 x 70 / 2 x 50 mm ²	●	3	1561790000
WPD 103 2X70/2X50 BK	1000 V / 300 A	2 x 70 / 2 x 50 mm ²	●	3	1561830000
Note: IEC 60947-7-1 & 61238-1					



WPD - main line branch terminal (2/2)

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
Double block WPD 20x					
WPD 201 4X25/4X16 GY	1000 V / 152 A	4 x 25 / 4 x 16 mm ²	●	1	2731220000
WPD 201 4X25/4X16 BL	1000 V / 152 A	4 x 25 / 4 x 16 mm ²	●	1	2731230000
WPD 201 4X25/4X16 BN	1000 V / 152 A	4 x 25 / 4 x 16 mm ²	●	1	2731250000
WPD 201 4X25/4X16 GN	1000 V / 152 A	4 x 25 / 4 x 16 mm ²	●	1	2731240000
WPD 201 4X25/4X16 BK	1000 V / 152 A	4 x 25 / 4 x 16 mm ²	●	1	2731260000
WPD 202 4x35/4x25 GY	1000 V / 202 A	4 x 35 / 4 x 25 mm ²	●	2	1561730000
WPD 202 4x35/4x25 BL	1000 V / 202 A	4 x 35 / 4 x 25 mm ²	●	2	1561700000
WPD 202 4x35/4x25 BN	1000 V / 202 A	4 x 35 / 4 x 25 mm ²	●	2	1561720000
WPD 202 4x35/4x25 GN	1000 V / 202 A	4 x 35 / 4 x 25 mm ²	●	2	1561620000
WPD 202 4x35/4x25 BK	1000 V / 202 A	4 x 35 / 4 x 25 mm ²	●	2	1561690000
3-way block					
WPD 301 2X25/2X16 3XGY	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	● ● ●	2	1561130000
WPD 302 2X35/2X25 3XGY	1000 V / 202 A	2 x 35 / 2 x 25 mm ²	● ● ●	2	1561740000
4-way block					
WPD 401 2X25/2X16 4XGY	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	●	1	1561800000
WPD 401 2X25/2X16 3XGY/1XBL	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	● ● ● ●	1	1562130000
5-way block					
WPD 501 2X25/2X16 5XGY	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	● ● ● ● ●	1	1561750000
WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1000 V / 152 A	2 x 25 / 2 x 16 mm ²	● ● ● ● ●	1	1562140000
Note: IEC 60947-7-1 & 61238-1					



WPD - sub-distribution blocks

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WPD 100 2X25/6X10 GY	690 V / 100 A	2 x 25 / 6 x 10 mm ²	●	3	1561910000
WPD 100 2X25/6X10 BL	690 V / 100 A	2 x 25 / 6 x 10 mm ²	●	3	1561920000
WPD 100 2X25/6X10 GN	690 V / 100 A	2 x 25 / 6 x 10 mm ²	●	3	1561930000
WPD 100 2X25/6X10 BK	690 V / 100 A	2 x 25 / 6 x 10 mm ²	●	3	2814490000
WPD 100 2X25/6X10 BN	690 V / 100 A	2 x 25 / 6 x 10 mm ²	●	3	2814500000
WPD 110 1X70+1X35/6X16 GY	1000 V / 192 A	1 x 70 + 1 x 35 / 6 x 16 mm ²	●	1	2603810000
WPD 110 1X70+1X35/6X16 BL	1000 V / 192 A	1 x 70 + 1 x 35 / 6 x 16 mm ²	●	1	2603820000
WPD 110 1X70+1X35/6X16 GN	1000 V / 192 A	1 x 70 + 1 x 35 / 6 x 16 mm ²	●	1	2603830000
WPD 110 1X70+1X35/6X16 BK	1000 V / 192 A	1 x 70 + 1 x 35 / 6 x 16 mm ²	●	1	2814510000
WPD 110 1X70+1X35/6X16 BN	1000 V / 192 A	1 x 70 + 1 x 35 / 6 x 16 mm ²	●	1	2814520000
Note: IEC 60998-2-1					



WPD - phase distributor blocks

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
Phase distributor block					
WPD 104 1x25+1x16/2x16+3x10 GY	690 V / 101 A	1 x 25 + 1 x 16 / 2 x 16 + 3 x 10 mm ²	●	1	1562000000
WPD 104 1x25+1x16/2x16+3x10 BL	690 V / 101 A	1 x 25 + 1 x 16 / 2 x 16 + 3 x 10 mm ²	●	1	2518250000
WPD 105 1x35+1x16/2x25+3x16 GY	690 V / 125 A	1 x 35 + 1 x 16 / 2 x 25 + 3 x 16 mm ²	●	1	1562170000
WPD 105 1x35+1x16/2x25+3x16 BL	690 V / 125 A	1 x 35 + 1 x 16 / 2 x 25 + 3 x 16 mm ²	●	1	2518540000
WPD 106 1X70/2X25+3X16 GY	690 V / 160 A	1 x 70 + 1 x 16 / 2 x 25 + 3 x 16 mm ²	●	1	1562210000
WPD 106 1X70/2X25+3X16 BL	690 V / 160 A	1 x 70 + 1 x 16 / 2 x 25 + 3 x 16 mm ²	●	1	2518570000
WPD 107 1X95/2X35+8X25 GY	690 V / 232 A	1 x 95 + 2 x 35 / 8 x 25 mm ²	●	1	1562220000
WPD 107 1X95/2X35+8X25 BL	690 V / 232 A	1 x 95 + 2 x 35 / 8 x 25 mm ²	●	1	2521730000
WPD 108 1X120/2X35+3X25+4X16 GY	690 V / 250 A	1 x 120 / 2 x 35 + 3 x 25 + 4 x 16 mm ²	●	1	1562100000
WPD 108 1X120/2X35+3X25+4X16 BL	690 V / 250 A	1 x 120 / 2 x 35 + 3 x 25 + 4 x 16 mm ²	●	1	2519480000
WPD 109 1X185/2X35+3X25+4X16 GY	690 V / 353 A	1 x 185 / 2 x 35 + 3 x 25 + 4 x 16 mm ²	●	1	1562090000
WPD 109 1X185/2X35+3X25+4X16 BL	690 V / 353 A	1 x 185 / 2 x 35 + 3 x 25 + 4 x 16 mm ²	●	1	2519490000
WPD 111 1X95/4X35 GY	1000 V / 232 A	1 x 95 / 4 x 35 mm ²	●	1	2603790000
WPD 111 1X95/4X35 BL	1000 V / 232 A	1 x 95 / 4 x 35 mm ²	●	1	2603800000
WPD 113 1X185+1X150/8X35 GY	1000 V / 353 A	1 x 185 + 1 x 150 / 8 x 35 mm ²	●	1	2603740000
WPD 113 1X185+1X150/8X35 BL	1000 V / 353 A	1 x 185 + 1 x 150 / 8 x 35 mm ²	●	1	2603750000
Phase distributor block, 2-way					
WPD 204 2X25/4X16+6X10 2XGY	690 V / 101 A	2 x 25 + 2 x 16 / 4 x 16 + 6 x 10 mm ²	● ●	1	1562150000
WPD 204 2X25/4X16+6X10 2XBL	690 V / 101 A	2 x 25 + 2 x 16 / 4 x 16 + 6 x 10 mm ²	● ●	1	2518330000
WPD 205 2X35/4X25+6X16 2XGY	690 V / 125 A	2 x 35 + 2 x 16 / 4 x 25 + 6 x 16 mm ²	● ●	1	1562180000
WPD 205 2X35/4X25+6X16 2XBL	690 V / 125 A	2 x 35 + 2 x 16 / 4 x 25 + 6 x 16 mm ²	● ●	1	2519470000
Phase distributor block, 3-way					
WPD 304 3X25/6X16+9X10 3XGY	690 V / 101 A	3 x 25 + 3 x 16 / 6 x 16 + 9 x 10 mm ²	● ● ●	1	1562160000
WPD 304 3X25/6X16+9X10 3XBL	690 V / 101 A	3 x 25 + 3 x 16 / 6 x 16 + 9 x 10 mm ²	● ● ●	1	2518340000
WPD 305 3X35/6X25+9X16 3XGY	690 V / 125 A	3 x 35 + 3 x 16 / 6 x 25 + 9 x 16 mm ²	● ● ●	1	1562190000
WPD 305 3X35/6X25+9X16 3XBL	690 V / 125 A	3 x 35 + 3 x 16 / 6 x 25 + 9 x 16 mm ²	● ● ●	1	2521770000
Note: IEC 60947-7-1					



WBBD - Busbar connections

Type	Rated voltage / rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WBBD 16 GY	690 V / 114 A	1 - 16 mm ²	●	12	2603840000
WBBD 16 BL	690 V / 114 A	1 - 16 mm ²	●	12	2603850000
WBBD 16 GN	690 V / 114 A	1 - 16 mm ²	●	12	2603860000
Note: IEC 60947-7-1					





EN54-4
for fire alarm
systems

1.2 Power supplies

Continuous power supply for building and machinery

Often, many small distribution boards, metering cabinets, and electrical distributors are used in building automation and in machine construction. Economical power supply solutions with high power density and high efficiency are important in this application. With a unique combination of a particularly narrow design, proven PUSH IN wire connection, and high cost-efficiency, INSTA POWER has decisive

advantages over competing products on the market. We have designed our PROeco series to be particularly efficient. Thanks to their small installed depth of 120 mm maximum, the devices integrate seamlessly even into flat control cabinets. They likewise offer up to 50% narrower widths. Despite their very compact format, they retain all basic functions.



INSTA POWER switched-mode power supplies – compact, highly efficient, and reliable.

- Available in nine variations with 5, 12, 24, and 48 V DC output voltage.
- Suitable for universal use thanks to international approvals (such as cCSAus, Cl.1, Div.2, NEC Class 2)
- Designed for flexible mounting on terminal rails or the control cabinet wall
- Quick installation with PUSH IN connection system



PROeco – outstanding power on a small budget

- More sustainable efficiency thanks to a high effectiveness of up to 95% and low no-load loss
- Reliability in a wide temperature range of -25 °C to +70 °C and with a high MTBF value of > 1,000,000 h
- Quick status diagnosis using tri-coloured LED display and integrated status relay
- EN 60335-1 Authorisation



PRO INSTA - switched-mode power supplies

Type	Rated control voltage	AC input voltage range	Clamping range min. / max.	Input / output	Qty.	Order No.
PRO INSTA 30W 5V 6A	5 V DC / 6 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580210000
PRO INSTA 30W 12V 2.6A	12 V DC / 2.6 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580220000
PRO INSTA 60W 12V 5A	12 V DC / 5 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580240000
PRO INSTA 16W 24V 0.7A	24 V DC / 0.7 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580180000
PRO INSTA 30W 24V 1.3A	24 V DC / 1.3 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580190000
PRO INSTA 60W 24V 2.5A	24 V DC / 2.5 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580230000
PRO INSTA 90W 24V 3.8A	24 V DC / 3.8 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580250000
PRO INSTA 96W 24V 4A	24 V DC / 4 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580260000
PRO INSTA 96W 48V 2A	48 V DC / 2 A	85 - 264 V AC	0.25...2.5 / 0.25...2.5 mm ²	PUSH IN	1	2580270000
PRO CP 20W 12V 1.6A	12 V / 1.6 A	85...264 V AC	0.2...2.5mm ² / 0.2...1.5mm ²	PUSH IN	1	3026100000
PRO CP 20W 24V 0.8A	24V / 0.8 A	85...264 V AC	0.2...2.5mm ² / 0.2...1.5mm ²	PUSH IN	1	3033220000



PROeco switched-mode power supplies

Type	Rated control voltage	AC / DC input voltage range	Clamping range min. / max.	Input / output	Qty.	Order No.
1-phasic						
PRO ECO 72W 24V 3A II	24 V DC / 3 A	85...264 V AC / 110...370 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025560000
PRO ECO 120W 24V 5A II	24 V DC / 5 A	85...264 V AC / 110...370 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025570000
PRO ECO 240W 24V 10A II	24 V DC / 10 A	85...264 V AC / 110...370 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025580000
PRO ECO 480W 24V 20A II	24 V DC / 20 A	85...264 V AC / 110...370 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025590000
PRO ECO 960W 24V 40A II	24 V DC / 40 A	85...264 V AC / 110...370 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025600000
PRO ECO 960W 48V 20A II	48 V DC / 20 A	85...264 V AC / 110...370 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025610000
3-phasic						
PRO ECO3 120W 24V 5A II	24 V DC / 5 A	3 x 320...575 V AC / 450...800 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025620000
PRO ECO3 240W 24V 10A II	24 V DC / 10 A	3 x 320...575 V AC / 450...800 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025630000
PRO ECO3 480W 24V 20A II	24 V DC / 20 A	3 x 320...575 V AC / 450...800 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025640000
PRO ECO3 480W 48V 10A II	48 V DC / 10 A	3 x 320...575 V AC / 450...800 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025650000
PRO ECO3 960W 24V 40A II	24 V DC / 40 A	3 x 320...575 V AC / 450...800 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025660000
PRO ECO3 960W 48V 20A II	48 V DC / 20 A	3 x 320...575 V AC / 450...800 V DC	0.5...6 / 0.5...6 mm ²	Screw	1	3025670000



PROmax - switched-mode power supplies

Type	Rated control voltage	AC / DC input voltage range	Clamping range min. / max.	Input / output	Qty.	Order No.
1-phasic						
PRO MAX 70W 5V 14A	5 V DC / 14.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478210000
PRO MAX 72W 12V 6A	12 V DC / 6.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478220000
PRO MAX 120W 12V 10A	12 V DC / 10.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478230000
PRO MAX 72W 24V 3A	24 V DC / 3.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478100000
PRO MAX 120W 24V 5A	24 V DC / 5.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478110000
PRO MAX 180W 24V 7.5A	24 V DC / 7.5 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478120000
PRO MAX 240W 24V 10A	24 V DC / 10.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478130000
PRO MAX 480W 24V 20A	24 V DC / 20.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478140000
PRO MAX 960W 24V 40A	24 V DC / 40.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...16.0 mm ²	Screw	1	1478150000
PRO MAX 240W 48V 5A	48 V DC / 5.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478240000
PRO MAX 480W 48V 10A	48 V DC / 10.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478250000
PRO MAX 960W 48V 20A	48 V DC / 20.0 A	85...277 V AC / 80...370 V DC	0.22...6.0 / 0.5...16.0 mm ²	Screw	1	1478270000
3-phasic						
PRO MAX3 120W 24V 5A	24 V DC / 5.0 A	3 x 320...575 V AC / 450...800 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478170000
PRO MAX3 240W 24V 10A	24 V DC / 10.0 A	3 x 320...575 V AC / 450...800 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478180000
PRO MAX3 480W 24V 20A	24 V DC / 20.0 A	3 x 320...575 V AC / 450...800 V DC	0.22...6.0 / 0.5...6.0 mm ²	Screw	1	1478190000
PRO MAX3 960W 24V 40A	24 V DC / 40.0 A	3 x 320...575 V AC / 450...800 V DC	0.22...6.0 / 0.5...16.0 mm ²	Screw	1	1478200000



maxGuard - Electronic load monitoring

Type	Function	Input	Clamping range min. / max.	Input / output	Qty.	Order No.
Power-feed module with alarm & reset						
AMG FIM-C	Power-feed module	24 V DC / 40 A	0.75 - 16 mm ²	Cross-connector	1	2081880000
Load monitoring, 1 pole, fixed values, normal characteristics, with alarm & reset						
AMG ELM-1F	Fixed value 1 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080420000
AMG ELM-2F	Fixed value 2 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080480000
AMG ELM-4F	Fixed value 4 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080490000
AMG ELM-6F	Fixed value 6 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080500000
AMG ELM-8F	Fixed value 8 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080600000
AMG ELM-10F	Fixed value 10 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080650000
Load monitoring, 1 pole, adjustable - current & characteristics, with alarm & reset						
AMG ELM-6	Setting values 1 / 2 / 3 / 4 / 6 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080360000
AMG ELM-12	Setting values 4 / 6 / 8 / 10 / 12 A	24 V DC	0.14 - 2.5 mm ²	Cross-connector	1	2080410000
Type	Function			Colour	Qty.	Order No.
End plates / end brackets						
AMG EP 2010	End plate for pot distributor module, finger-safe closure			●	30	2495380000
Cross-connector						
ZQV 4N/10	10-pole cross-connector			●	20	1528090000
ZQV 4N/50	50-pole cross-connector			●	5	1528130000
ZQV 4N/10 BL	10-pole cross-connector			●	20	1528230000
ZQV 4N/50 BL	50-pole cross-connector			●	5	1528240000
ZQV 4N/10 RD	10-pole cross-connector			●	20	2460740000
ZQV 4N/50 RD	50-pole cross-connector			●	5	2460730000





1.3 Klippon® Relay relay modules and solid-state relays

High-quality and reliable relay modules and timing relays

A wide variety of loads need to be reliably switched or monitored in buildings. The relay modules and timing relays required for this must be integrated into the control cabinet in the most space-saving way possible. For over 40 years, we have been working to optimise control cabinet infrastructure. Thanks to our technical expertise and comprehensive understanding of the market, we offer high-quality relay

modules and timing relays under the Klippon® Relay name, which fulfil all current and future market requirements. Our product range impresses with highly reliable, safe, and durable products, complemented by a wide selection of services. These include providing digital data, advising on switching loads, and practical selection guide to offer you comprehensive support.



TFI-SERIES – reliable control of timing functions

- Simple configuration via rotary switches
- Compliance with international standards according to EN 61812
- UL approval for the North American market
- Available in installation design and compact industrial design



TERMSERIES - Modular relay modules from 6 mm width

- Reliable decoupling PLC's and switching industrial small loads in the smallest space.
- Versions with built-in LED, protective circuit and test button
- Control voltages from 5 V to 230 V with 1 to 2 CO contacts and 1 NO contact up to 16 A
- Extensive accessories from interface adapters to marker
- Wide range of variants and unlimited cross-connection possibilities



CUBESERIES - Industrial relay modules

- Internationally cURus and CSA approvals
- Extensive range of accessories with a variety of cross-connection options
- From 15.6 mm width with the contact versions 1 changeover contact (16 A) and changeover contacts (8 A)
- From 27 mm width with 2 changeover contacts (12 A) and 4 changeover contacts (7 A)
- Fast wiring with PUSH IN



TFI-SERIES - timing relay

Type	Control side	Load side	Timing functions	Qty.	Order No.
Screw connection					
TFIS 12-240VUC 1CO M7C	12...240 V UC-10% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	Clock generator pause first On-delay On-delay with control input Off-delay with control input Single shot falling edge with control input Single shot rising edge with control input Single shot rising edge supply voltage controlled	1	2697250000
TFIS 12-240VUC 1CO CG	12...240 V UC-10% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	clock generator pulse first clock generator pause first	1	2697260000
TFIS 12-240VUC 2NO SD	12...240 V UC-10% / +10%	250 V AC / 3 A - 2 NO contacts (AgNi)	Star-delta	1	2697270000
TFIS 24-240VUC 1CO ON	24...240 V UC-15% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	On-delay	1	2697280000
TFIS 24-240VUC 1CO OFFC	24...240 V UC-15% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	Off-delay with control input	1	2697290000
PUSH IN Technology					
TFIP 12-240VUC 1CO M7C	12...240 V UC-10% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	Clock generator pause first On-delay On-delay with control input Off-delay with control input Single shot falling edge with control input Single shot rising edge with control input Single shot rising edge supply voltage controlled	1	2898320000
TFIP 12-240VUC 1CO CG	12...240 V UC-10% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	clock generator pulse first clock generator pause first	1	2898310000
TFIP 24-240VUC 1CO ON	24...240 V UC-15% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	On-delay	1	2898340000
TFIP 24-240VUC 1CO OFFC	24...240 V UC-15% / +10%	250 V AC / 8 A - 1 CO contact (AgNi)	Off-delay with control input	1	2898330000



TERMSERIES-compact and TERMSERIES - relay modules

Type	Control side	Load side	Clamping range min. /max. / connection type	Qty.	Order No.
1 CO contact (AgSnO)- Complete module in 6.4 mm width					
TRP 24VDC 1CO	24 V DC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2618000000
TRP 24VUC 1CO	24 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2618220000
TRP 24-230VUC 1CO ED2	24...230 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2663010000
TRP 230VAC RC 1CO	230 V AC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2618200000
TRPL 24VDC 1CO	24 V DC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2773890000
TRPL 24VUC 1CO	24 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2773970000
TRPL 12-60VUC 1CO	12...60 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2773770000
TRPL 24-230VUC 1CO	24...230 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2773860000
TRPL 230VAC 1CO	230 V AC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2773830000
1 CO contact (AgSnO)- Complete module in 6.4 mm width, with test button					
TRP 24VDC 1CO AGSNO PB	24 V DC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2855800000
TRP 24VUC 1CO AGSNO PB	24 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2855810000
TRP 24-230VUC 1CO AGSNO ED2 PB	24...230 V UC	250 V AC / 6 A - 1 CO contact	0.14...2.5 mm ² / PUSH IN	10	2855910000
2 CO contact (AgSnO)- Complete module in 12.8 mm width, with test button					
TRP 24VDC 2CO PB	24 V DC	250 V AC / 8 A - 2 contact	0.14...2.5 mm ² / PUSH IN	10	2988340000
TRP 24VUC 2CO PB	24 V UC	250 V AC / 8 A - 2 contact	0.14...2.5 mm ² / PUSH IN	10	2988350000
TRP 24-230VUC 2CO ED2 PB	24...230 V UC	250 V AC / 8 A - 2 contact	0.14...2.5 mm ² / PUSH IN	10	2988380000
TRP 230VUC 2CO PB	230 V UC	250 V AC / 8 A - 2 contact	0.14...2.5 mm ² / PUSH IN	10	2988370000
1 CO contact (AgSnO)- Complete module in 12.8 mm width, with test button					
TRP 24VDC 1CO 16A PB	24 V DC	250 V AC / 16 A - 1 contact	0.14...2.5 mm ² / PUSH IN	10	2988280000
TRP 24VUC 1CO 16A PB	24 V UC	250 V AC / 16 A - 1 contact	0.14...2.5 mm ² / PUSH IN	10	2988300000
TRP 24-230VUC 1CO 16A ED2 PB	24...230 V UC	250 V AC / 16 A - 1 contact	0.14...2.5 mm ² / PUSH IN	10	2988330000
TRP 230VUC 1CO 16A PB	230 V UC	250 V AC / 16 A - 1 contact	0.14...2.5 mm ² / PUSH IN	10	2988320000
1 NO contact (AgSnO)- Complete module in 12.8 mm width					
TRP 24VDC 1NO HCP	24 V DC	250 V AC / 16 A - 1 NO contact	0.14...2.5 mm ² / PUSH IN	10	2617930000
TRP 24-230VUC 1NO HCP ED2	24...230 V UC	250 V AC / 16 A - 1 NO contact	0.14...2.5 mm ² / PUSH IN	10	2663140000



CUBESERIES - Coupling relays

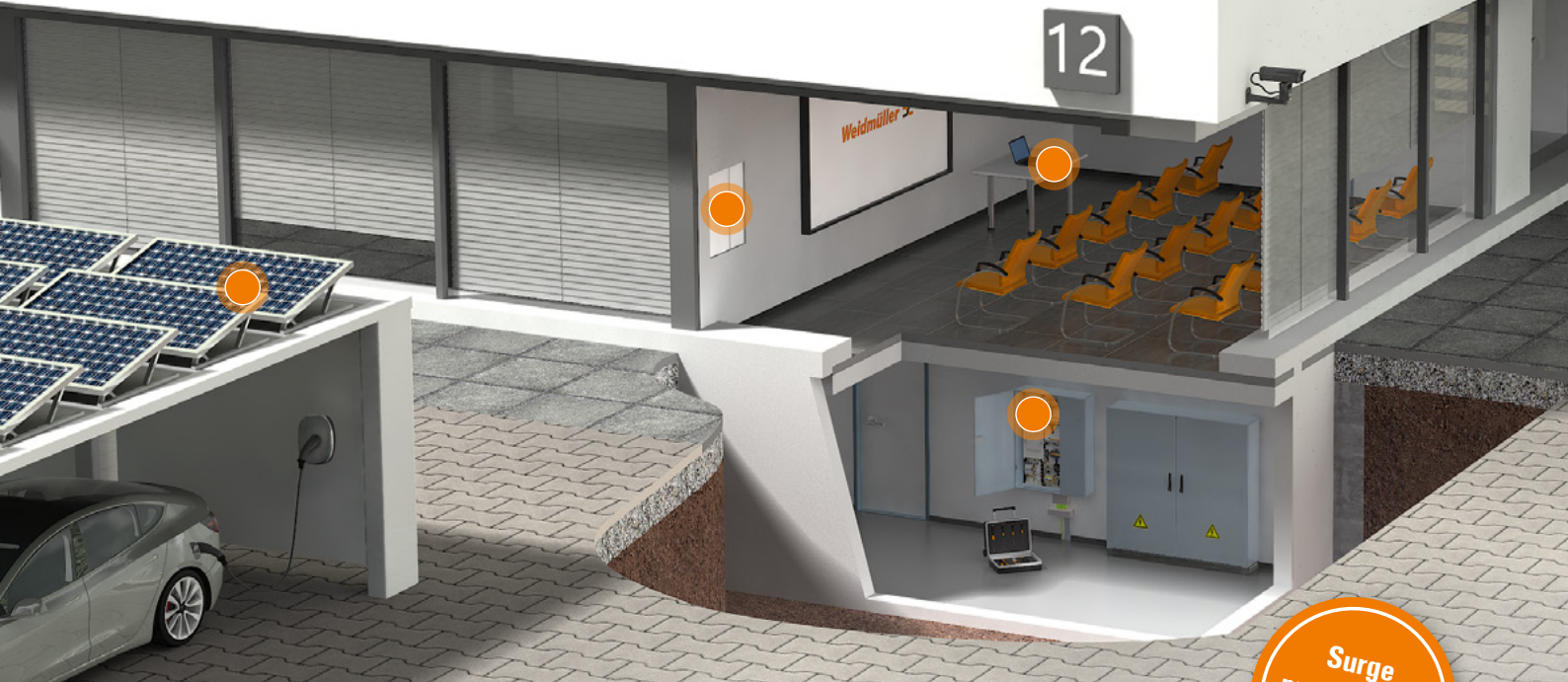
Type	Control side	Load side	Qty.	Order No.
1 contact (AgNi) - Single relays with test button				
CRI10024T	24 V DC	250 V AC / 16 A - 1 contact	10	3052360000
CRI10524T	24 V AC	250 V AC / 16 A - 1 contact	10	3052390000
CRI10730T	230 V AC	250 V AC / 16 A - 1 contact	10	3052410000
2 contact (AgNi) - Single relays with test button				
CRI20024T	24 V DC	250 V AC / 8 A - 2 contact	10	3052510000
CRI20524T	24 V AC	250 V AC / 8 A - 2 contact	10	3052540000
CRI20730T	230 V AC	250 V AC / 8 A - 2 contact	10	3052560000
4 contact (AgNi) - Single relays with test button				
CRM40024TLD	24 V DC	250 V AC / 7 A - 4 contact	10	3053080000
CRM40524TL	24 V AC	250 V AC / 7 A - 4 contact	10	3053110000
CRM40730TL	230 V AC	250 V AC / 7 A - 4 contact	10	3053130000



CUBESERIES - Coupling relays

Type	Number of outputs	Clamping range min. /max. / connection type	Qty.	Order No.
Base for CRI and CRM relays				
CSI P 2CO	2 contacts	0.5...1.5 mm ² / PUSH IN	20	3052570000
CSM P 4CO	2 contacts	0.5...1.5 mm ² / PUSH IN	10	3053140000





1.4 VARITECTOR lightning and surge protection

Continuous protection for your building infrastructure

Equipment and energy systems in buildings are becoming more complex and more sensitive. Therefore, surge protection is particularly important when constructing new building infrastructures. In addition to minimising the risk of damage, the choice of the best surge protection focuses on finding a future-proof design and improving efficiency. Since indirectly coupled surges can cause damage, the installation of surge protection devices (SPD) is subject to specific regulations. DIN VDE 0100-534 defines where and how surge protection must be installed. The goal is to ensure

complete protection, from the power feed-in to the power distribution and the final device, and offer protection against dangerous surges of all kinds.

Integrating surge protection has been mandatory since 2018. This applies to all new buildings and to modifications or expansions of existing electrical installations. Supplementary protective devices are recommended if the cable length between the surge protection and the device to be protected is longer than 10 metres. Ethernet and SAT cables are also required to be protected.



Lightning and surge protection for power systems

- Fuseless operation up to 315 A
- Extended N/PE protection
- Full status control



Lightning and surge protection for instrumentation and control (I&C)

- Pluggable (VSPC) or space-saving terminal block design (VSCC)
- Direct or floating grounding via the surge protection VSPC BASE



Lightning and surge protection for data interfaces

- Tested in accordance with IEC/EN 61643-21
- Slimline in terminal design
- Visual and electrical message function



VPU ZPA S

Type	Continuous current / lightning impulse current (I_{imp})	Version	Network	Qty.	Order No.
12.5 kA - without phase tap					
VPU ZPA S I 3 300/12.5	300 V AC / 12.5 kA	without remote signalling contact, leakage current free	TN-C	1	2830870000
VPU ZPA S I 3+1 300/12.5	300 V AC / 12.5 kA	without remote signalling contact, leakage current free	TN-S, TT, IT	1	2830900000
12.5 kA - with phase tap for L1					
VPU ZPA S I 3+1 RA 300/12.5	300 V AC / 12.5 kA	with remote signalling contact, leakage current free	TN-S, TT, IT	1	2830920000
7.5 kA - without phase tap					
VPU ZPA S I 3 300/7.5	300 V AC / 7.5 kA	without remote signalling contact, leakage current free	TN-C	1	2830930000
VPU ZPA S I 3+1 300/7.5	300 V AC / 7.5 kA	without remote signalling contact, leakage current free	TN-S, TT, IT	1	2830960000
7.5 kA - with phase tap for L1					
VPU ZPA S I 3+1 RA 300/7.5	300 V AC / 7.5 kA	with remote signalling contact, leakage current free	TN-S, TT, IT	1	2830980000
Zubehör ZPAS					
V-ZPA Terminal	240V AC	-	-	1	2904470000
V-ZPA Fuse Holder E	240V AC	-	-	1	3038720000



VPU AC I

Type	Continuous current / lightning impulse current (I_{imp})	Version	Network	Qty.	Order No.
Type I arrester - pre-counter range - 275 V AC / 25 kA - S-line					
VPU AC I 3 275/25 LCF S	275 V AC / 25 kA	without remote signalling contact, leakage current free	TN-C	1	2726740000
VPU AC I 3 R 275/25 LCF S	275 V AC / 25 kA	with remote signalling contact, leakage current free	TN-C	1	2726750000
VPU AC I 3+1 275/25 LCF S 2PE	275 V AC / 25 kA	without remote signalling contact, leakage current free	TN-C-S, TN-S, TT	1	2726760000
VPU AC I 3+1 R 275/25 LCF S 2PE	275 V AC / 25 kA	with remote signalling contact, leakage current free	TN-C-S, TN-S, TT	1	2726770000
VPU AC I 4 275/25 LCF S	275 V AC / 25 kA	without remote signalling contact, leakage current free	TN-C-S, TN-S	1	2726780000
VPU AC I 4 R 275/25 LCF S	275 V AC / 25 kA	with remote signalling contact, leakage current free	TN-C-S, TN-S	1	2726790000
Type I arrester - pre-counter range - 300 V AC / 12.5 kA					
VPU AC I 3 300/12.5 LCF	300 V AC / 12.5 kA	without remote signalling contact, leakage current free	TN-C	1	2636970000
VPU AC I 3 R 300/12.5 LCF	300 V AC / 12.5 kA	with remote signalling contact, leakage current free	TN-C	1	2636980000
VPU AC I 3+1 300/12.5 LCF	300 V AC / 12.5 kA	without remote signalling contact, leakage current free	TN-C-S, TN-S, TT	1	2636990000
VPU AC I 3+1 R 300/12.5 LCF	300 V AC / 12.5 kA	with remote signalling contact, leakage current free	TN-C-S, TN-S, TT	1	2636920000
Type I arrester - post-counter range - 300 V AC / 12.5 kA					
VPU AC I 3 300/12.5 LH	300 V AC / 12.5 kA	without remote signalling contact	TN-C	1	2983570000
VPU AC I 3 R 300/12.5 LH	300 V AC / 12.5 kA	with remote signalling contact	TN-C	1	2983560000
VPU AC I 3+1 300/12.5 LH	300 V AC / 12.5 kA	without remote signalling contact	TN-C-S, TT, IT with N, IT without N	1	2983580000
VPU AC I 3+1 R 300/12.5 LH	300 V AC / 12.5 kA	with remote signalling contact	TN-C-S, TT, IT with N, IT without N	1	2983590000
VPU AC I 4 300/12.5 LH	300 V AC / 12.5 kA	without remote signalling contact	TN-C-S, TN-S	1	2983600000
VPU AC I 4 R 300/12.5 LH	300 V AC / 12.5 kA	with remote signalling contact	TN-C-S, TN-S	1	2983610000



VPU AC II

Type	Continuous current / discharge current (I_{max})	Version	Network	Qty.	Order No.
Type II arrester - post-counter range - 300 V AC / 50 kA					
VPU AC II 3 300/50	300 V AC / 50 kA	without remote signalling contact	Single-phase, TN	1	2591160000
VPU AC II 3 R 300/50	300 V AC / 50 kA	with remote signalling contact	Single-phase, TN	1	2591170000
VPU AC II 3+1 300/50	300 V AC / 50 kA	without remote signalling contact	TN-C-S, TN-S, TT	1	2591080000
VPU AC II 3+1 R 300/50	300 V AC / 50 kA	with remote signalling contact	TN-C-S, TN-S, TT	1	2591090000
VPU AC II 4 300/50	300 V AC / 50 kA	without remote signalling contact	TN-C-S, TN-S	1	2591140000
VPU AC II 4 R 300/50	300 V AC / 50 kA	with remote signalling contact	TN-C-S, TN-S	1	2591150000
Type II arrester with integrated fuse - post-counter range - 300 V AC / 40 kA					
VPU AC II F 3 300/40	300 V AC / 40 kA	without remote signalling contact	Single-phase, TN	1	2827600000
VPU AC II F 3 R 300/40	300 V AC / 40 kA	with remote signalling contact	Single-phase, TN	1	2807410000
VPU AC II F 3+1 300/40	300 V AC / 40 kA	without remote signalling contact	TN-C-S, TN-S, TT	1	2827630000
VPU AC II F 3+1 R 300/40	300 V AC / 40 kA	with remote signalling contact	TN-C-S, TN-S, TT	1	2807440000
VPU AC II F 4 300/40	300 V AC / 40 kA	without remote signalling contact	TN-C-S, TN-S	1	2827610000
VPU AC II F 4 R 300/40	300 V AC / 40 kA	with remote signalling contact	TN-C-S, TN-S	1	2807420000



VPU III

Type	Continuous current / rated current	Version	Description	Qty.	Order No.
Type III arrester - 12 to 230 V AC/DC					
VPU III R 24V/4KV AC/DC	24 V / 16 A	with remote signalling contact	For use as device protector / TS35	1	1351580000
VPU III R 230V/6KV AC	230 V / 16 A	with remote signalling contact	For use as device protector / TS35	1	1351650000
VPU III SO LD	230 V / 16 A	with LED, without test button	For use as device protector / flush-mounted	1	1351680000
VPU III SO LD+A	230 V / 16 A	with LED and acoustic signal	For use as device protector / flush-mounted	1	1351700000



V-DATA

Type	Suitable for:	Connection type	Qty.	Order No.
VDATA CAT6	Cat. 5 (up to 100 MHz) and Cat. 6 to 250 MHz (Class E), PoE (according to IEEE 802.3af) and PoE+ (according to IEEE 802.3at)	RJ45	1	1348590000



Internet/telephone/broadband

Type	Max. continuous current U_c	Discharge current I_n	Discharge current I_{max}	Qty.	Order No.
VSPC TELE UKO 2WIRE	180 V DC	2.5 kA	10 kA	1	8924660000
VSPC BASE 2 CL	180 V DC	2.5 kA	10 kA	1	8924710000



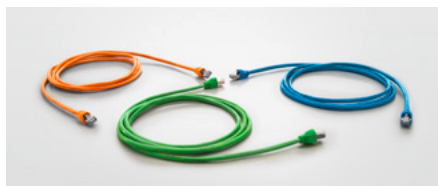


1.5 Smart Metering connectivity technology

Lower energy costs and save resources

With intelligent measurement systems consisting of a counter and gateway, loads on power grids can be optimised and energy costs can be reduced. Thanks to an additional control box, devices can be switched on or off as needed. We provide you the connectivity solutions you need to integrate these kinds of systems – in compliance with FNN and DIN-VDE 0603 standards. Our portfolio also includes colour

coded connectors with PUSH IN wire connection technology, pre-assembled energy cables and patch cables with 6 kV impulse withstand voltage to supplement these solutions. We also offer power distributors for top-hat rails and for devices as well as RJ45 and RJ12 couplings for the top-hat rail.



RJ45 patch cable for 6 kV

- 8-Pole, Cat 5e, IP30
- Impulse withstand voltage 6 kV
- Compact design and space-saving installation in the meter cabinet



Assembled energy cable in 6 kV

- 2-Pole energy cable 230 V
- Protection class IP30
- Different lengths and designs



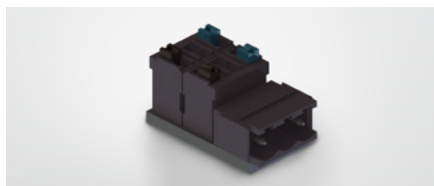
OMNIMATE® connectors

- PUSH IN or screw connection
- Colour coded, 230 V
- Male headers, sockets or Y-sockets



Power top-hat rail distributor

- For TS 35 terminal rails
- Colour coded, 230 V
- Pluggable thanks to PUSH IN wire connection



Pluggable 3x energy distributor

- Double connection in PUSH IN design
- Colour coded, 230 V
- Protection class IP30



RJ 45 coupling, 360 degrees shielded

- With dust cap
- Can be snapped onto top-hat rails and meter crosses
- Compact design, height < 32 mm



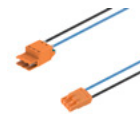
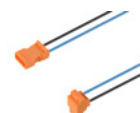
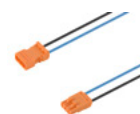
Energiekabel Serie CH-SMC mit 1,5 mm² Leiterquerschnitt für Anwendungen mit 16 A Vorsicherung

Type	Connector	Length	VPE	Best.-Nr.
CH-SMC-00.80-VC180	Male 180° / Female 180°	800	10	2775880080
CH-SMC-00.80-CG90	Male 180° / Female 90°	800	10	2775910080
CH-SMC-00.80-ECS180	Male 180° / open end	800	10	2784120080
CH-SMC-00.60-ECB180	Female 180° / open end	600	10	2784110060
CH-SMC-00.80-ECB180	Female 180° / open end	800	10	2784110080
CH-SMC-01.15-ECB180	Female 180° / open end	1150	10	2784110115
CH-SMC-00.60-ECB90	Female 90° / open end	600	10	2817650060
CH-SMC-00.80-ECB90	Female 90° / open end	800	10	2817650080
CH-SMC-00.95-ECB90	Female 90° / open end	950	10	2817650095
CH-SMC-01.20-ECB90	Female 90° / open end	1200	10	2817650120
CH-SMC-00.60-OVP180	Male 180° / Female 180°	600	10	2853620060
CH-SMC-00.80-OVP180	Male 180° / Female 180°	800	10	2853620080
CH-SMC-01.10-OVP180	Male 180° / Female 180°	1100	10	2853620110
CH-SMC-00.60-OVPC90	Male 180° / Female 90°	600	10	3100340060
CH-SMC-00.80-OVPC90	Male 180° / Female 90°	800	10	3100340080
CH-SMC-01.00-OVPC90	Male 180° / Female 90°	1100	10	3100340110
CH-SMC-00.60-OVPE180	Male 180° / open end	600	10	3033300060
CH-SMC-00.80-OVPE180	Male 180° / open end	800	10	3033300080
CH-SMC-01.15-OVPE180	Male 180° / open end	1150	10	3033300115



Energiekabel Serie CH-SMR mit 0,75 mm² Leiterquerschnitt für Anwendungen mit 6,3 A Vorsicherung

Bezeichnung	Steckverbinder	Länge	VPE	Best.-Nr.
CH-SMR-00.25-VC180	Male 180° / Female 180°	250	10	2924830025
CH-SMR-00.33-VC180	Male 180° / Female 180°	330	10	2924830033
CH-SMR-00.80-VC180	Male 180° / Female 180°	800	10	2924830080
CH-SMR-00.25-CG90	Male 180° / Female 90°	250	10	2924780025
CH-SMR-00.33-CG90	Male 180° / Female 90°	330	10	2924780033
CH-SMR-00.80-CG90	Male 180° / Female 90°	800	10	2924780080
CH-SMR-00.25-ECS180	Male 180° / open end	250	10	2924850025
CH-SMR-00.33-ECS180	Male 180° / open end	330	10	2924850033
CH-SMR-00.80-ECS180	Male 180° / open end	800	10	2924850080
CH-SMR-00.33-ECB180	Male 180° / open end	330	10	2924870033
CH-SMR-00.80-ECB180	Male 180° / open end	800	10	2924870080
CH-SMR-00.33-ECB90	open end / Female 90°	330	10	2924890033
CH-SMR-00.60-ECB90	open end / Female 90°	600	10	2924890060
CH-SMR-00.80-ECB90	open end / Female 90°	800	10	2924890080
CH-SMR-00.95-ECB90	open end / Female 90°	950	10	2924890095
CH-SMR-01.20-ECB90	open end / Female 90°	1200	10	2924890120
CH-SMR-00.33-VCC180	Male 180° / 2x Female 180°	330/200	10	2924970033
CH-SMR-00.33-VCC90	Male 180° / 2x Female 90°	330/200	10	2924960033
CH-SMR-00.33-OCC90	open end / 2x Female 90°	330	10	2924900033
CH-SMR-00.60-OCC90	open end / 2x Female 90°	600	10	2924900060
CH-SMR-00.80-OCC90	open end / 2x Female 90°	800	10	2924900080
CH-SMR-01.10-OCC90	open end / 2x Female 90°	1100	10	2924900110
CH-SMR-00.60-OVP180	Male (open on side, PushIn) / Female 180°	600	10	2924810060
CH-SMR-00.80-OVP180	Male (open on side, PushIn) / Female 180°	800	10	2924810080
CH-SMR-01.15-OVP180	Male (open on side, PushIn) / Female 180°	1150	10	2924810115
CH-SMR-00.60-OVP90	Male (open on side, PushIn) / Female 90°	600	10	2924820060
CH-SMR-00.80-OVP90	Male (open on side, PushIn) / Female 90°	800	10	2924820080
CH-SMR-00.95-OVP90	Male (open on side, PushIn) / Female 90°	950	10	2924820095
CH-SMR-01.15-OVP90	Male (open on side, PushIn) / Female 90°	1150	10	2924820115
CH-SMR-01.50-OVP90	Male (open on side, PushIn) / Female 90°	1500	10	2924820150
CH-SMR-00.80-YOVP90	Male (open on side, PushIn) / 2x Female 90°	800/200	10	2924910080



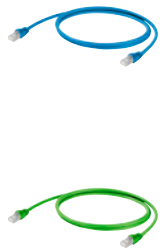
RJ45 Ethernet Patch cable - Slim Line: Cat. 6, 8-pole, shielded, 4 kV

Type	Product type	Category	Length	Color	Qty.	Order No.
Patch cable blue (WAN)						
IE-C60P8LB015CN40N40-B-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	150 mm	●	1	3009730000
IE-C60P8LB020CN40N40-B-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	200 mm	●	1	3009490002
IE-C60P8LB030CN40N40-B-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	300 mm	●	1	3009490003
Patch cable green (HAN)						
IE-C60P8LB015CN40N40-G-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	150 mm	●	1	3009740000
IE-C60P8LB020CN40N40-G-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	200 mm	●	1	3009500002
IE-C60P8LB030CN40N40-G-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	300 mm	●	1	3009500003
Patch cable orange (CLS)						
IE-C60P8LB015CN40N40-O-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	150 mm	●	1	3009630000
IE-C60P8LB020CN40N40-O-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	200 mm	●	1	3009480002
IE-C60P8LB027CN40N40-O-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	270 mm	●	1	3085650000
IE-C60P8LB030CN40N40-O-K4KV	Patch cable, RJ45, Slim Line	Cat. 6A (ISO/IEC 11801)	300 mm	●	1	3009480003



RJ45 Ethernet Patch cable - Standard: Cat. 5e, 8-pole, shielded, 6 kV

Type	Product type	Category	Length	Color	Qty.	Order No.
Patch cable blue (WAN)						
IE-C5ES8VB0003N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	0.3 m	●	1	2813820003
IE-C5ES8VB0004N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	0.4 m	●	1	2813820004
IE-C5ES8VB0005N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	0.5 m	●	1	2813820005
IE-C5ES8VB0010N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	1.0 m	●	1	2813820010
IE-C5ES8VB0015N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	1.5 m	●	1	2813820015
IE-C5ES8VB0020N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	2.0 m	●	1	2813820020
IE-C5ES8VB0025N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	2.5 m	●	1	2813820025
IE-C5ES8VB0050N40N40-B-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	5.0 m	●	1	2813820050
Patch cable green (HAN)						
IE-C5ES8VG0003N40N40-G-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	0.3 m	●	1	2814800003
IE-C5ES8VG0005N40N40-G-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	0.5 m	●	1	2814800005
IE-C5ES8VG0010N40N40-G-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	1.0 m	●	1	2814800010
IE-C5ES8VG0015N40N40-G-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	1.5 m	●	1	2814800015
IE-C5ES8VG0020N40N40-G-K6KV	Patch cable, RJ45	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	2.0 m	●	1	2814800020



Micro Line RJ45 Ethernet Patch cable Cat. 6.6 kV, unshielded

Type	Length	Color	Order No.
IE-C5N08LD0002S40S40-D-K6KV	0.2 m	○	3109120002
IE-C5N08LD0003S40S40-D-K6KV	0.3 m	○	3109120003
IE-C5N08LD0004S40S40-D-K6KV	0.4 m	○	3109120004
IE-C5N08LD0005S40S40-D-K6KV	0.5 m	○	3109120005
IE-C5N08LD0006S40S40-D-K6KV	0.6 m	○	3109120006
IE-C5N08LD0010S40S40-D-K6KV	1.0 m	○	3109120010
IE-C5N08LD0015S40S40-D-K6KV	1.5 m	○	3109120015
IE-C5N08LD0020S40S40-D-K6KV	2.0 m	○	3109120020
IE-C5N08LD0025S40S40-D-K6KV	2.5 m	○	3109120025
IE-C5N08LD0050S40S40-D-K6KV	5.0 m	○	3109120050



LMN Control cable - 6 kV Surge voltage, Double insulation according to VDE 0603-100) and Low Profile Couplings (RJ12)

Type	Version	Length	Color	Qty.	Order No.
IE-C5G06LR0002F40F40-X-K6KV	LMN (Local Metrologic Network)	0.2 m	●	1	2860910002
IE-C5G06LR0003F40F40-X-K6KV	LMN (Local Metrologic Network)	0.3 m	●	1	2860910003
IE-C5G06LR0035CF40F40-X-K6KV	LMN (Local Metrologic Network)	0.35 m	●	1	2979950000
IE-C5G06LR0043CF40F40-X-K6KV	LMN (Local Metrologic Network)	0.43 m	●	1	2979960000
IE-C5G06LR0008F40F40-X-K6KV	LMN (Local Metrologic Network)	0.8 m	●	1	2860910008
IE-C5G06LR0009F40F40-X-K6KV	LMN (Local Metrologic Network)	0.9 m	●	1	2860910009
IE-C5G06LR0010F40F40-X-K6KV	LMN (Local Metrologic Network)	1.0 m	●	1	2860910010
IE-C5G06LR0011F40F40-X-K6KV	LMN (Local Metrologic Network)	1.1 m	●	1	2860910011
IE-C5G06LR0012F40F40-X-K6KV	LMN (Local Metrologic Network)	1.2 m	●	1	2860910012
IE-C5G06LR0013F40F40-X-K6KV	LMN (Local Metrologic Network)	1.3 m	●	1	2860910013
IE-C5G06LR0015F40F40-X-K6KV	LMN (Local Metrologic Network)	1.5 m	●	1	2860910015
IE-C5G06LR0020F40F40-X-K6KV	LMN (Local Metrologic Network)	2.0 m	●	1	2860910020
IE-C5G06LR0030F40F40-X-K6KV	LMN (Local Metrologic Network)	3.0 m	●	1	2860910030
IE-C5G06LR0050F40F40-X-K6KV	LMN (Local Metrologic Network)	5.0 m	●	1	2860910050
IE-C5G06LR0060F40F40-X-K6KV	LMN (Local Metrologic Network)	6.0 m	●	1	2860910060
IE-C5G06LR0100F40F40-X-K6KV	LMN (Local Metrologic Network)	10.0 m	●	1	2860910100
IE-C5G06LR0150F40F40-X-K6KV	LMN (Local Metrologic Network)	15.0 m	●	1	2860910150
IE-C5G06LR-100	LMN (Local Metrologic Network)	100.0 m	●	1	3096770000



Busbars Double energy distributor with 6.3 A fuse

Type	Voltage	Order No.
V-ZPA FUSE HOLDER E without cable, without plug connector	230 V	3038720000
Fuseholder with two power cables 0.75 mm ² 800 mm and 1100 mm length, with each 90° Female	230 V	3098250000
0.75mm ² cable 800 mm length, 90° Female	230 V	2924820080
0.75mm ² cable 800 mm length, 180° Female	230 V	2924810080
0.75mm ² cable 1.150 mm length, 90° Female	230 V	2924820115
0.75mm ² cable 1.150 mm length, 180° Female	230 V	2924810115



Type	Length	Abgangsrichtung	Order No.
Cable 1.5 mm ²	600 mm	90° Female	2853620060
Cable 1.5 mm ²	600 mm	180° Female	3100340060
Cable 1.5 mm ²	800 mm	90° Female	2853620080
Cable 1.5 mm ²	800 mm	180° Female	3100340080
Cable 1.5 mm ²	1100 mm	90° Female	2853620110
Cable 1.5 mm ²	1100 mm	180° Female	3100340110
cable 0.75 mm ² Y-cable	800 mm	2 x 90° Female	2924910080
cable 0.75 mm ² Y-cable	1100 mm	2 x 90° Female	2924910110



Surge protection 'VPU ZPA S' in 4-pole for 40 mm busbar in NAR 6 kV, IP 30 when plugged in

Type	Type	Voltage	Order No.
VPU ZPA S I 3 RA 300 / 12,5	I+II+III	230V	2830890000
VPU ZPA S I 3+1 RA 300 / 12,5	I+II+III	230V	2830920000
VPU ZPA S I 3 RA 300 / 7,5	I+II+III	230V	2830950000
VPU ZPA S I 3+1 RA 300 / 7,5	I+II+III	230V	2830980000
IS VPU ZPA S	101 Amp	230V	2904470000



Couplings for Ethernet patch cables Smart Metering

Type	Product type	Note	Qty.	Order No.
IE-T0-RJ45-C-LP	Mounting rail outlet, incl. mounting with meter cross, RJ45, coupling, IP20, Cat.6A	Low Profile, Höhe 32 mm	10	2812440000
IE-T0-RJ45-C-ZP-C5	Mounting rail outlet, RJ45, IP20, Cat. 5	Low Profile, Höhe 37 mm	10	2819260000
IE-T0-RJ45-C	Mounting rail outlet, RJ45, coupling, IP20, Cat.6A / Class EA (ISO/IEC 11801 2010)	High Profile, Höhe 67 mm	10	8946920000
IE-T0-RJ12-C	Mounting rail outlet, RJ12, IP20	Low Profile, Höhe 42 mm	10	2861240000
IE-AD-3RJ12-1:1	RJ12 Y-distributor	1:1 Splitter without cable	10	3095680000
RJ12 RESISTOR 180 UNSHIELDED R120	-	-	10	2976660000
RS 4XRJ12	Passive LMN distributor	IP20	10	8000112157
RS 4XRJ12 PS	Active LMN distributor	IP20	10	8000112158
PRO CP 20W 12V 1.6A	Power supply 12V, IP30, 4kV Operating temperature: - 35 °C ... 50°C	Authorisation according to EN 60335-1; Low Profile: only 30mm Construction depth	10	3026100000
PRO CP 20W 24V 0.8A	Power supply 24V, IP30, 4kV Operating temperature: - 35 °C ... 50°C	Authorisation according to EN 60335-1; Low Profile: only 30mm Construction depth	10	3033220000



Power top-hat rail distributor and pluggable energy distributor

Type	Product type	Note	Qty.	Order No.
RS VERT SUPPLY BLL	Mounting rail energy distributor	2-pole, color coded, 230 V, IP 30	10	8000074943
RS VERT SUPPLY BLL_F	Mounting rail energy distributor	2-pole, color coded, 230 V, IP 30	10	8000084731
RS VERT SUPPLY BLL_F-6A	Mounting rail energy distributor	2-pole, color coded, 230 V, IP 30	10	8000118953
RS VERT SUPPLY LMF	Mounting rail energy distributor	2-pole, color coded, 230 V, IP 30	10	8000076874
RS VERT SUPPLY LSF-SMT_F	Mounting rail energy distributor	2-pole, color coded, 230 V, IP 30	10	8000091885
RS VERT SUPPLY LSF-SMT_F-6A	Mounting rail energy distributor	2-pole, color coded, 230 V, IP 30	10	8000118954
Y-INTERFACE BLL	Pluggable double connector	2-pole, color coded, 230 V, IP 30	10	8000075197
Y-INTERFACE SL	Pluggable double connector	2-pole, color coded, 230 V, IP 30	10	8000075198



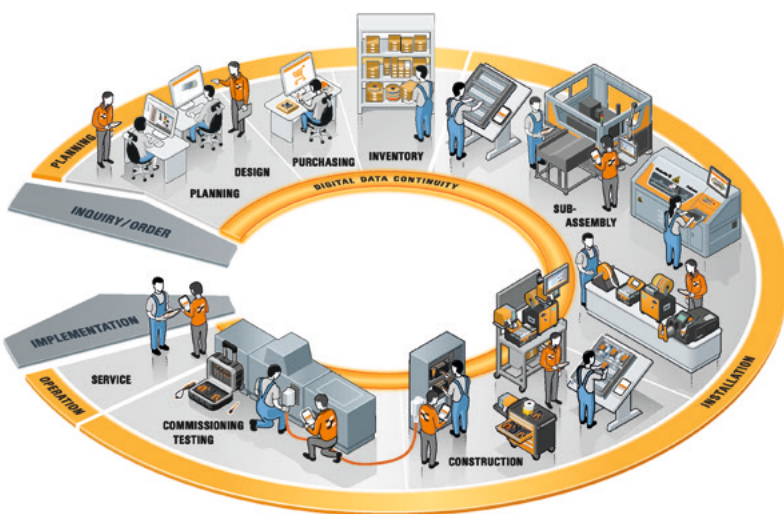
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2 Workshop

Optimally equipped for every work phase

Efficient and safe work processes are essential for high competitiveness and long-term success. We support you in every phase of your work with optimally tailored solutions for your workshop. Based on many years of practical experience in panel building, we offer a comprehensive portfolio to effectively speed up your processes and increase your quality. Take a good look at our tools, markers, printers, software, automated systems and panel infrastructure for all work phases – from planning to installation and finally operation.



Plan

With our software solutions for marking (MPrint® PRO), semi-automated cable assembly (WPC-Tool) and configuration (WMC) you are perfectly equipped in every project phase. Thanks to interfaces to your eCAD system, you profit from the fastest data transfer from planning through to commissioning.

Operate

The efficiency benefits resulting from the perfect interaction of products and tools from a single source continue long after the panel has been commissioned. For example, our extensive range of measuring and testing tools provides you with dependable support for troubleshooting. Seamless marking of all panel components and the consistent availability of digital data simplify and speed up maintenance work. This helps you reduce downtimes and increase the efficiency of your process steps.

Installation

We offer tools in certified premium quality, as well as stripping and crimping machines with intuitive operation. A perfectly tailored marking system facilitates time-saving, secure installation. In addition, we offer professional handheld tools, including as economical complete sets along with matching accessories – up to tool trolleys developed fully in accordance with 5S and lean principles.



SK and TH - Pin spanner sets

Type	Product type	Note	Sizes	Qty.	Order No.
SK WSD-S 1.5-10.0	Hexagon / Allen key - pin spanner set	9 individual spanners in holder	S 1.5 - 10	1	9008850000
SKS 2.0-8.0	Hexagon / Allen key - pin spanner set	7 individual spanners in combination tool	SW 2.0/2.5/3.0/4.0/5.0/6.0/8.0	1	9008860000
SK-S 2.0-8.0 MR	Hexagon / Allen key - pin spanner set	7 individual spanners in combination tool	SW 2.0/2.5/3.0/4.0/5.0/6.0/8.0	1	9008870000
TH-S 9-40	Torx - pin spanner set	8 individual spanners in combination tool	TR 9/10/15/20/25/27/30/40	1	9008880000



KBZ - VDE-insulated combination pliers

Type	Product type	Note	Length	Qty.	Order No.
KBZ 160	Combination pliers, 160 mm	Protective insulation up to 1000 V AC / 1500 V DC	160 mm	1	9046280000
KBZ 180	Combination pliers, 180 mm	Protective insulation up to 1000 V AC / 1500 V DC	180 mm	1	9046290000
KBZ 200	Combination pliers, 200 mm	Protective insulation up to 1000 V AC / 1500 V DC	200 mm	1	9046300000
KBZI 200	Combination pliers/telegraph pliers, 200 mm	Protective insulation up to 1000 V AC / 1500 V DC	200 mm / powerful combination pliers, heavy-duty model	1	9046430000



SE and KSE - VDE-insulated diagonal-cutting pliers

Type	Product type	Note	Length	Qty.	Order No.
SE HD 140	Diagonal-cutting pliers 140 mm	Protective insulation up to 1000 V AC / 1500 V DC	140 mm / for hard wire	1	9046310000
SE HD 160	Diagonal-cutting pliers 160 mm	Protective insulation up to 1000 V AC / 1500 V DC	160 mm / for hard wire	1	9046320000
SE HD 180	Diagonal-cutting pliers 180 mm	Protective insulation up to 1000 V AC / 1500 V DC	180 mm / for hard wire	1	9046330000
SE TOP	Precision diagonal-cutting pliers 160 mm	Protective insulation up to 1000 V AC / 1500 V DC	160 mm / for piano wire	1	9046340000
KSE 160	High-power diagonal-cutting pliers 160 mm	Protective insulation up to 1000 V AC / 1500 V DC	160 mm / for piano wire	1	9046410000
KSE 200	High-power diagonal-cutting pliers 200 mm	Protective insulation up to 1000 V AC / 1500 V DC	200 mm / for piano wire	1	9046420000



FRZ - VDE-insulated telephone pliers

Type	Product type	Note	Length	Qty.	Order No.
FRZ S 160	Straight telephone pliers with cutting edge	Protective insulation up to 1000 V AC / 1500 V DC	160 mm	1	9046370000
FRZ S 200	Straight telephone pliers with cutting edge	Protective insulation up to 1000 V AC / 1500 V DC	200 mm	1	9046380000
FRZ SG 160	Bent telephone pliers with cutter	Protective insulation up to 1000 V AC / 1500 V DC	160 mm / tip bent 45°	1	9046390000
FRZ SG 200	Bent telephone pliers with cutter	Protective insulation up to 1000 V AC / 1500 V DC	200 mm / tip bent 45°	1	9046400000



FZ and RZ - VDE-insulated flat- and round-nose pliers

Type	Product type	Note	Length	Qty.	Order No.
FZ 160	Flat-nose pliers with long mouth	Protective insulation up to 1000 V AC / 1500 V DC	160 mm	1	9046350000
RZ 160	Round-nose pliers with long mouth	Protective insulation up to 1000 V AC / 1500 V DC	160 mm	1	9046360000



AIZ 160 - VDE-insulated stripping tool

Type	Product type	Length	Qty.	Order No.
AIZ 160	Stripping cables and individual wires with an outer diameter of up to 5 mm	160 mm	1	9046440000



Strippers and slicers - Cable sheathing strippers and cable knives

Type	Product type	for cable type	Conductor diameter	Qty.	Order No.
STRIPPER ROUND TOP	Round cable stripper	Conductors with PVC insulation	8...13 mm	1	9918050000
STRIPPER ROUND	Round cable stripper with individual wire stripper	Conductors with PVC insulation	8...13 mm	1	9918040000
STRIPPER PC	Special cable sheathing stripper	Data cable / telecommunications and IT	5...15 mm	1	9918060000
Stripper Coax	Special cable sheathing stripper	Coaxial data and round cables	4.8...7.5 mm	1	9918030000
SLICER NO 16	Knife	Conductors with PVC insulation	4...16 mm	1	9918070000
SLICER NO 27	Knife	Conductors with PVC insulation	8...28 mm	1	9918080000



KT - Cutting tools

Type	Maximum cutting performance	Copper finely stranded	Aluminium stranded	Qty.	Order No.
KT 8	16 mm²	16 mm²	16 mm²	1	9002650000
KT 12	25 mm²	35 mm²	16 mm²	1	9002660000
KT 22	95 mm²	95 mm²	50 mm²	1	1157830000
KT 45 R	300 mm²	400 mm²	400 mm²	1	9202040000
KT 55	500 mm²	500 mm²	500 mm²	1	9202060000



stripax® - Stripping tools

Type	Conductor cross-section	Stripping length, max.	Cable type	Qty.	Order No.
STRIPAX	0.08 - 10 mm²	20 mm	Fine wire and solid conductors	1	9005000000
STRIPAX 16	6 - 16 mm²	20 mm	Fine wire and solid conductors	1	9005610000



AM - Sheathing strippers

Type	Sheathing stripper for:	Conductor diameter min. / max.	Cut depth	Qty.	Order No.
AM 12	UTP and STP data cables	1...12.5 mm	Adjustable	1	9030060000
AM 16	PVC round cable	5...17 mm	adjustable up to 4.0 mm	1	9204190000
AM 25	PVC round cable	6...25 mm	adjustable up to 4.5 mm	1	9001540000
AM35	PVC round cable	25...36 mm	adjustable up to 4.5 mm	1	9001080000
AM-X	PVC round cable	25...299 mm	adjustable up to 4.5 mm	1	2625720000



PZ - Crimping tools

Type	for	Length	Weight	Qty.	Order No.
PZ 6 roto	AEH from 0.14 - 6 mm²	200 mm	428 grams	1	9014350000
PZ 10 HEX	AEH from 0.14 - 10 mm²	195 mm	600 grams	1	1445070000
PZ 16	AEH from 6 - 16 mm²	200 mm	418 grams	1	9012600000



VT - Voltage tester

Type	Test voltage	Continuity testing	Display	Qty.	Order No.
VT Digi Pro	1 - 1000 V AC/DC	Yes - visual + acoustic	LCD digital display	1	9918870000
VT Master	12, 24, 50, 120, 230, 400, 690 V AC/DC	Yes - visual + acoustic	LED display	1	9918880000
VT Combi Pro	6.12, 24, 50, 120, 230, 400, 690 V AC/DC	Yes - visual + acoustic	LED display	1	9918860000
VT	12, 50, 120, 230, 400, 690 V AC/DC	No	-	1	9918950000



VT Tester

Type	Rated voltage	Functions	Display	Qty.	Order No.
VT CL	50 V - 1000 V AC/DC	Non-contact voltage tester	Visual & acoustic	1	2436660000
VT LCL	12 V - 1000 V AC/DC	Non-contact voltage tester	Visual & acoustic	1	2436670000
VT M	-	Magnetic field display	Visual & acoustic	1	2436680000



Uninsulated screwdriver

Type	Design	Blade length	Qty.	Order No.
SD SET S2.5-5.5/PH1/2	6-piece set: slotted and crosshead PH screwdriver set with circular blades	2.5 - 5.5 / PH1 / 2	1	2749200000
SD SET S2.0-5.5	6-piece set: slotted screwdriver set	2 - 5.5	1	2749220000
SD Set T10/15/20/25/30/40 TR	6-Piece set: Torx® TR screwdriver set	T10 / 15 / 20 / 25 / 30 / 40	1	2749230000



SlimLine screwdriver insulated acc. to VDE specs

Type	Design	Blade length	Qty.	Order No.
SDI SET SLIM S3.5-6.5/PH1/2	6-piece set: VDE-insulated slotted and crosshead PH screwdriver set	S3.5 - 6.5 / PH1 / 2	1	2749580000
SDI SET SLIM S3.5-6.5/PZ1/2	6-piece set: VDE-insulated slotted and crosshead PZ screwdriver set	S3.5 - 6.5 / PZ1 / 2	1	2749590000
SDI SET SLIM T8/T9/T10/T15/T20/T25	6 piece set: VDE insulated Torx®-screwdriver set	T8 / T9 / T10 / T15 / T20 / T25	1	2749600000



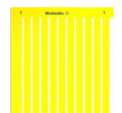
Screwdriver insulated according to VDE spec.

Type	Design	Blade length	Qty.	Order No.
SDI SET S2.5-5.5/PH1/2	6-piece set: VDE-insulated slotted and crosshead PH screwdriver set	S2.5 - 5.5 / PH1 / 2	1	2749750000
SDI SET S2.5-5.5/PZ1/2	6-piece set: VDE-insulated slotted and crosshead PZ screwdriver set	S2.5 - 5.5 / PZ1 / 2	1	2749760000
SDI SET S2.0-5.5	6-piece set: VDE-insulated slotted screwdriver set	S2.0 - 5.5	1	2749770000



LM MT300 - Device marker

Type	Label dimensions (height x width)	Number of labels per sheet	Colour / material	Qty.	Order No.
LM MT300 15/6 WS	6 x 15.2 mm	484	○ / Polyester	10	1686361044
LM MT300 15/6 GE	6 x 15.2 mm	484	● / Polyester	10	1686361687
LM MT300 17/9 WS	9 x 17.8 mm	341	○ / Polyester	10	1724151044
LM MT300 17/9 GE	9 x 17.8 mm	341	● / Polyester	10	1724151687
LM MT300 20/8 WS	8 x 20.3 mm	264	○ / Polyester	10	1686381044
LM MT300 20/8 GE	8 x 20.3 mm	264	● / Polyester	10	1686381687
LM MT300 26/10 WS	10 x 26 mm	156	○ / Polyester	10	1686401044
LM MT300 26/10 GE	10 x 26 mm	156	● / Polyester	10	1686401687
LM MT300 56/22 WS	22 x 56 mm	36	○ / Polyester	10	1686421044
LM MT300 56/22 GE	22 x 56 mm	36	● / Polyester	10	1686421687



WriteOn - Wire markers

Type	Wire cross-section, min. / max./ writing field size	Number per sheet	Colour / material	Qty.	Order No.
LM WO 18/34 WS	6 - 16 mm ² / 18 x 12.7 mm	88	○ / Polyester	10	1695711044
LM WO 18/34 GE	6 - 16 mm ² / 18 x 12.7 mm	88	● / Polyester	10	1695711687
LM WO 23/55 WS	10 - 50 mm ² / 23 x 12.7 mm	40	○ / Polyester	10	1695721044
LM WO 23/55 GE	10 - 50 mm ² / 23 x 12.7 mm	40	● / Polyester	10	1695721687
LM WO 15/70 WS	15 - 50 mm ² / 15 x 30 mm	52	○ / Polyester	10	1759871044
LM WO 25/68 WS	16 - 70 mm ² / 25 x 17 mm	28	○ / Polyester	10	1695731044
LM WO 25/68 GE	16 - 70 mm ² / 25 x 17 mm	28	● / Polyester	10	1695731687
LM WO 36/93 WS	25 - 120 mm ² / 36 x 25 mm	15	○ / Polyester	10	1695741044
LM WO 36/93 GE	25 - 120 mm ² / 36 x 25 mm	15	● / Polyester	10	1695741687
LM WO 15/140 WS	70 - 150 mm ² / 15 x 70 mm	26	○ / Polyester	10	1773880000
LM WO 25/140 WS	70 - 150 mm ² / 25 x 26 mm	16	○ / Polyester	10	1712491044
LM WO 25/140 GE	70 - 150 mm ² / 25 x 26 mm	16	● / Polyester	10	1712491687



WKM - Cable markers

Type	Dimensions (height x width)	Inlay tag / protective strips	Colour	Qty.	Order No.
Markers WKM					
WKM 8/20	8 x 20 mm	ESO 8 / 20 ...	transparent	50	1753490000
WKM 8/30	8 x 30 mm	ESO 7 ...	transparent	50	1631910000
WKM 18/43	18 x 43 mm	ESO 5 ...	transparent	50	1610700000
Accessories WKM					
ESO 8/20 DIN A4 WS	7 x 20 mm	Insert markers for WKM 8/20	○	10	1919890000
ESO 7 DIN A4 WS	6.3 x 27.3 mm	Insert marker for EM 8/30 & WKM 8/30	○	10	1607720000
ESO 5 DIN A4 WS	16.5 x 40 mm	Insert markers for SCH 5 & WKM 18/43	○	10	1607710000
STI Waterproof black	Felt pen	Marking by hand	●	10	0508401694



MultiMark - Thermal transfer printer

Type	Design	Qty.	Order No.
For printing MultiMark markers, shrink sleeves, label rolls, etc.			
THM MULTIMARK	Marking systems, thermal transfer printer, thermal transfer, 300 DPI, MultiMark, shrink sleeves, label rolls	1	2599430000



DEK and WS - THM terminal marker

Type	Dimensions (height x width)	Design	Colour	Qty.	Order No.
DEK 5/5 MM WS	5 x 5 mm	Clip-in foot	○	800	2007110000
WS 8/5 MM WS	8 x 5 mm	Clip-in foot	○	800	2007150000
WS 12/5 MM WS	12 x 5 mm	Clip-in foot	○	800	2007190000



MT30X - THM device markers

Type	Dimensions (height x width)	Design	Colour / material	Qty.	Order No.
THM MT30X 15/6 GE	6 x 15 mm	self-adhesive	● / Polyester	1	1753231687
THM MT30X 15/6 WS	6 x 15 mm	self-adhesive	○ / Polyester	1	1753231044
THM MT30X 18/6 GE	6 x 18 mm	self-adhesive	● / Polyester	1	1753271687
THM MT30X 18/6 WS	6 x 18 mm	self-adhesive	○ / Polyester	1	1753271044
THM MT30X 20/8 GE	8 x 20 mm	self-adhesive	● / Polyester	1	1753241687
THM MT30X 20/8 WS	8 x 20 mm	self-adhesive	○ / Polyester	1	1753241044
THM MT30X 45/23 GE	23 x 45 mm	self-adhesive	● / Polyester	1	1751811687
THM MT30X 45/23 SI	23 x 45 mm	self-adhesive	● / Polyester	1	1751810001
THM MT30X 45/23 WS	23 x 45 mm	self-adhesive	○ / Polyester	1	1751811044
THM MT30X 101/48 GE	48 x 101 mm	self-adhesive	● / Polyester	1	1751821687
THM MT30X 101/48 SI	48 x 101 mm	self-adhesive	● / Polyester	1	1751820001
THM MT30X 101/48 WS	48 x 101 mm	self-adhesive	○ / Polyester	1	1751821044
THM MT30X 101/74 GE	48 x 101 mm	self-adhesive	● / Polyester	1	1061810000
THM MT30X 101/74 SI	48 x 101 mm	self-adhesive	● / Polyester	1	1762960001
THM MT30X 101/74 WS	48 x 101 mm	self-adhesive	○ / Polyester	500	2455620000



MT30X - THM conductor wire & cable markers

Type	Dimensions (height x width)	Writing field / version	Colour	Qty.	Order No.
THM WO 12/18 GE	12 x 18 mm	12 x 9 mm	●	1	1856630000
THM WO 12/18 WS	12 x 18 mm	12 x 9 mm	○	1	1856640000
THM WO 25/140 GE	25 x 140 mm	26 x 25 mm	●	1	1751561687
THM WO 25/140 WS	25 x 140 mm	26 x 25 mm	○	1	1751561044
THM WO 25/76 GE	25 x 76 mm	15 x 25 mm	●	1	1774340000
THM WO 25/76 WS	25 x 76 mm	15 x 25 mm	○	1	1774350000
THM WO 33.5/93.1 GE	33.5 x 93.1 mm	35.6 x 25 mm	●	1	1774410000
THM WO 33.5/93.1 WS	33.5 x 93.1 mm	35.6 x 25 mm	○	1	1774400000





3 Photovoltaics

Easy, fast and safe installation of rooftop PV systems

The share of energy from renewable sources is growing. Rooftop PV systems are playing an ever larger role in the planned energy transition. We offer a comprehensive range of products to ensure you can install your system easily. These include combiner boxes, surge protection systems, connectors, tools, and components for installing and protecting your rooftop PV system. All of our products are standardised, and were developed to make your installation projects easier, faster, and safer.



PV Next combiner box

- Standardised and scalable: up to 6 inputs/outputs and 12 MPPs
- Easy installation thanks to PUSH IN wire connection
- Suitable for all commonly available inverters up to 1100V

You can find the right PV Next combiner box for your inverter at:

www.weidmueller.com/pvselector



PV Inline surge protection

- Most compact dimension on the market
- Optical integration in or on a standard cable duct (60-40mm)
- Universal mounting feet for mounting on wall or cable duct included
- Plug & Play: PV Inline does not need to be opened for wiring



PV Next combiner boxes for commercial PV systems

Type	MPP	Inputs per MPP	Outputs per MPP	Surge protection requirement class	Connection	Qty.	Order No.
Commercial PV systems - No fuse holder, no switch-disconnector							
PVN DC 3I 30 2MPP SPD1R CG 11	2 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2890570000
PVN DC 3I 30 2MPP SPD1R WM4 11	2 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2890450000
PVN DC 3I 30 2MPP SPD1R EVO 11	2 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2890330000
PVN1M3I9SXFV100TXPX10	3 MPP	3 inputs	3 outputs	Typ: I / II	Cable gland, PUSH IN connection	1	2683130000
PVN1M3I9SXFV101TXPX10	3 MPP	3 inputs	3 outputs	Typ: I / II	Connector, WM4C	1	2683190000
PVN DC 2I 10 4MPP SPD1R WM4 11	4 MPP	2 inputs	1 output	1R	Connector, WM4C	1	2737600000
PVN DC 2I 20 4MPP SPD1R CG 11	4 MPP	2 inputs	1 output	1R	Cable gland, PUSH IN connection	1	2737610000
PVN DC 2I 10 4MPP SPD1R EVO 11	4 MPP	2 inputs	1 output	1R	Connector, MC4 EVO 2	1	2975590000
PVN DC 2I 10 6MPP SPD1R WM4 11	6 MPP	2 inputs	1 output	1R	Connector, WM4C	1	2737620000
PVN DC 2I 20 6MPP SPD1R CG 11	6 MPP	2 inputs	1 output	1R	Cable gland, PUSH IN connection	1	2737630000
PVC DC 2I 10 10MPP SPD1R WM4 11	-	-	2 outputs	1R	Steckverbinder, WM4C	1	8000112516
PVC DC 2I 10 10MPP SPD1R EVO 11	-	-	2 outputs	1R	Connector, MC4 EVO 2	1	8000106274
PVC DC 2I 20 10MPP SPD1R EVO 11	-	-	2 outputs	2R	Connector, MC4 EVO 2	1	8000107559
PVC DC 2I 10 12MPP SPD1R WM4 11	-	-	2 outputs	1R	Connector, WM4C	1	8000115469
PVC DC 2I 10 12MPP SPD1R EVO 11	-	-	2 outputs	1R	Connector, MC4 EVO 2	1	8000107558
Commercial PV systems - No fuse holder, with switch-disconnector							
PVN DC 3I 30 2MPP SW SPD1R CG 11	2 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2890600000
PVN DC 3I 30 2MPP SW SPD1R EVO 11	2 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2890360000
PVN DC 3I 30 2MPP SW SPD1R WM4 11	2 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2890480000
PVN1M3I9SOFXV100TXPX10	3 MPP	3 inputs	3 outputs	Typ: I / II	Cable gland, PUSH IN connection	1	2683160000
PVN1M3I9SOFXV101TXPX10	3 MPP	3 inputs	3 outputs	Typ: I / II	Connector, WM4C	1	2683220000
PVN1M3I9SOFXV200TXPX10	3 MPP	3 inputs	3 outputs	Typ: II	Cable gland, PUSH IN connection	1	2683360000
PVN1M3I9SOFXV201TXPX10	3 MPP	3 inputs	3 outputs	Typ: II	Connector, WM4C	1	2683420000
Commercial PV systems - With fuse holder, no switch-disconnector							
PVN DC 3IF 30 2MPP SPD1R WM4 10	2 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2683040000
PVN DC 3IF 30 2MPP SPD1R CG 10	2 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2683080000
PVN DC 3IF 30 2MPP SPD1R EVO 10	2 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2925840000
PVN1M1I6SXFV101TXPX10	1 MPP	6 inputs	7 outputs	1R	Connector, WM4C	1	2737440000
PVN1M1I6SXFV100TXPX10	1 MPP	6 inputs	7 outputs	1R	Cable gland, PUSH IN connection	1	2737520000
Commercial PV systems - With fuse holder, with switch-disconnector							
PVN DC 3IF 30 2MPP SW SPD1R WM4 10	2 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2683060000
PVN DC 3IF 30 2MPP SW SPD1R CG 10	2 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2683100000
PVN DC 3IF 30 2MPP SW SPD1R EVO 10	2 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2925860000
PVN1M1I6SOF3V101TXPX10	1 MPP	6 inputs	7 outputs	1R	Connector, WM4C	1	2737480000
PVN1M1I6SOF3V100TXPX10	1 MPP	6 inputs	7 outputs	1R	Cable gland, PUSH IN connection	1	2737530000
PV 210SOF3CXV100TXPX10PWW	1 MPP	10 inputs	2 outputs	1R	Cable gland, PUSH IN connection	1	8000111135
PV 210SOF3CXV100TA1PA10PWW	1 MPP	10 inputs	2 outputs	1R	Cable gland, PUSH IN connection	1	8000111136
PV 210SOF3CXV100TXPX10PWW	2 MPP	10 inputs	2 outputs	1R	Cable gland, PUSH IN connection	1	8000111137
PV 210SOF3CXV100TA1PA10PWW	2 MPP	10 Eingänge	2 outputs	1R	Cable gland, PUSH IN connection	1	8000111138
PV systems in residential buildings - No fuse holder, no switch-disconnector							
PVN DC 2I 10 1MPP SPD1R WM4 11	1 MPP	2 inputs	1 output	1R	Connector, WM4C	1	2791920000
PVN DC 2I 10 1MPP SPD1R EVO 11	1 MPP	2 inputs	1 output	1R	Connector, MC4 EVO 2	1	2866300000
PVN DC 2I 10 1MPP SPD1R CG 11	1 MPP	2 inputs	1 output	1R	Cable gland, PUSH IN connection	1	2791930000
PVN DC 2I 10 1MPP SPD2R WM4 11	1 MPP	2 inputs	1 output	2R	Connector, WM4C	1	2791940000
PVN DC 2I 10 1MPP SPD2R EVO 11	1 MPP	2 inputs	1 output	2R	Connector, MC4 EVO 2	1	2866310000
PVN DC 2I 10 1MPP SPD2R CG 11	1 MPP	2 inputs	1 output	2R	Cable gland, PUSH IN connection	1	2791950000
PVN DC 3I 30 1MPP SPD1R CG 11	1 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2890560000
PVN DC 3I 30 1MPP SPD1R WM4 11	1 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2890440000
PVN DC 3I 30 1MPP SPD1R EVO 11	1 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2890320000
PVN DC 2I 10 2MPP SPD1R WM4 11	2 MPP	2 inputs	1 output	1R	Connector, WM4C	1	2866340000
PVN DC 1I 10 2MPP SPD1R EVO 11	2 MPP	1 input	1 output	1R	Connector, MC4 EVO 2	1	2882160000
PVN DC 2I 10 2MPP SPD1R EVO 11	2 MPP	2 inputs	1 output	1R	Connector, MC4 EVO 2	1	2866360000
PVN DC 2I 10 2MPP SPD1R CG 11	2 MPP	2 inputs	1 output	1R	Cable gland, PUSH IN connection	1	2866320000
PVN DC 2I 10 2MPP SPD2R WM4 11	2 MPP	2 inputs	1 output	2R	Connector, WM4C	1	2866350000
PVN DC 2I 10 2MPP SPD2R EVO 11	2 MPP	2 inputs	1 output	2R	Connector, MC4 EVO 2	1	2866370000
PVN DC 2I 10 2MPP SPD2R CG 11	2 MPP	2 inputs	1 output	2R	Cable gland, PUSH IN connection	1	2866330000
PVN DC 2I 10 3MPP SPD1R WM4 11	3 MPP	2 inputs	1 output	1R	Connector, WM4C	1	2975520000
PVN DC 2I 10 3MPP SPD1R EVO 11	3 MPP	2 inputs	1 output	1R	Connector, MC4 EVO 2	1	2975530000
PVN DC 2I 20 3MPP SPD1R CG 11	3 MPP	2 inputs	1 output	1R	Cable gland, PUSH IN connection	1	2975540000
PVN DC 2I 10 3MPP SPD2R WM4 11	3 MPP	2 inputs	1 output	2R	Connector, WM4C	1	2975550000
PVN DC 2I 10 3MPP SPD2R EVO 11	3 MPP	2 inputs	1 output	2R	Connector, MC4 EVO 2	1	2975560000
PVN DC 2I 20 3MPP SPD2R CG 11	3 MPP	2 inputs	1 output	2R	Cable gland, PUSH IN connection	1	2975570000
PV systems in residential buildings - No fuse holder, with switch-disconnector							
PVN DC 3I 30 1MPP SW SPD1R CG 11	1 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2890590000
PVN DC 3I 30 1MPP SW SPD1R WM4 11	1 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2890470000
PVN DC 3I 30 1MPP SW SPD1R EVO 11	1 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2890350000
PV systems in residential buildings - With fuse holder, no switch-disconnector							
PVN DC 3IF 30 1MPP SPD1R WM4 10	1 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2683030000
PVN DC 3IF 30 1MPP SPD1R CG 10	1 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2683070000
PVN DC 3IF 30 1MPP SPD1R EVO 10	1 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2925830000
PV systems in residential buildings - With fuse holder, with switch-disconnector							
PVN DC 3IF 30 1MPP SW SPD1R WM4 10	1 MPP	3 inputs	3 outputs	1R	Cable gland, PUSH IN connection	1	2683050000
PVN DC 3IF 30 1MPP SW SPD1R CG 10	1 MPP	3 inputs	3 outputs	1R	Connector, WM4C	1	2683090000
PVN DC 3IF 30 1MPP SW SPD1R EVO 10	1 MPP	3 inputs	3 outputs	1R	Connector, MC4 EVO 2	1	2925850000



PV Inline

Type	MPP	Surge protection	Inputs per MPP	Outputs per MPP	Max. current	Connection	Order No.
PVI DC 1I 10 1MPP SPD1 MC4 10	1	Type I+II	1	1	1x39 A	Stäubli MC4	3108220000
PVI DC 1I 10 2MPP SPD1 MC4 10	2	Type I+II	1	1	2x39 A	Stäubli MC5	3108230000



Earth connection potential distribution terminal for cable duct

Type	Conductor cross-sections	Screw connections	Order No.
EBB 25-50/16	6 to 50mm ²	3	1547490000

PV Next Feuerwehrscharter

Type	MPP	Inputs per MPP	Outputs per MPP	Overvoltage protection	Connection	Qty.	Order No.
PVN1M1I2S1FXVX01TXPX10	1 MPP	2 inputs	1 output	-	Steckverbinder, WM4C	1	2778860000
PVN1M1I2S1FXVX02TXPX11	1 MPP	2 inputs	1 output	-	Steckverbinder, MC4 EVO 2	1	2888520000
PVN1M1I2S1FXVX00TXPX10	1 MPP	2 inputs	1 output	-	Verschraubung, PUSH IN-Anschluss	1	2778850000
PVN1M2I4S1FXVX01TXPX10	2 MPP	2 inputs	1 output	-	Steckverbinder, WM4C	1	2778880000
PVN1M2I4S1FXVX02TXPX11	2 MPP	2 inputs	1 output	-	Steckverbinder, MC4 EVO 2	1	2888530000
PVN1M2I4S1FXVX00TXPX10	2 MPP	2 inputs	1 output	-	Verschraubung, PUSH IN-Anschluss	1	2778870000
PVN DC 1I 10 2MPP RD CG 11	2 MPP	1 input	1 output	-	CG	1	2985110000
PVN DC 1I 10 2MPP RD WM4 11	2 MPP	1 input	1 output	-	WM4C	1	2985120000
PVN DC 1I 10 2MPP RD EVO 11	2 MPP	1 input	1 output	-	EVO	1	2985130000
PVN DC 2I 10 1MPP RD CG 11	1 MPP	2 inputs	1 output	-	CG	1	2778850000
PVN DC 2I 10 1MPP RD WM4 11	1 MPP	2 inputs	1 output	-	WM4C	1	2778860000
PVN DC 2I 10 1MPP RD EVO 11	1 MPP	2 inputs	1 output	-	EVO	1	2888520000
PVN DC 2I 10 2MPP RD CG 11	2 MPP	2 inputs	1 output	-	CG	1	2778870000
PVN DC 2I 10 2MPP RD WM4 11	2 MPP	2 inputs	1 output	-	WM4C	1	2778880000
PVN DC 2I 10 2MPP RD EVO 11	2 MPP	2 inputs	1 output	-	EVO	1	2888530000
PVC DC 2I 10 4MPP RD WM4 11	4 MPP	2 inputs	1 output	-	WM4C	1	8000115472
PVC DC 2I 10 4MPP RD EVO 11	4 MPP	2 inputs	1 output	-	EVO	1	8000111429
PVC DC 2I 10 6MPP RD WM4 11	6 MPP	2 inputs	1 output	-	WM4C	1	8000115473
PVC DC 2I 10 6MPP RD EVO 11	6 MPP	2 inputs	1 output	-	EVO	1	8000111430
PVC DC 2I 10 10MPP RD WM4 11	10 MPP	2 inputs	1 output	-	EVO	1	8000130052
PVC DC 2I 10 10MPP RD EVO 11	10 MPP	2 inputs	1 output	-	EVO	1	8000130051
PVC DC 2I 10 12MPP RD WM4 11	12 MPP	2 inputs	1 output	-	EVO	1	8000130055
PVC DC 2I 10 12MPP RD EVO 11	12 MPP	2 inputs	1 output	-	EVO	1	8000130054
mit SPD, Typ I+II							
PVC 2I 10 2MPP RD SPD1R EVO 11	2 MPP	2 inputs	1 output	-	Steckverbinder, MC4 EVO 2	1	8000098970
PVC DC 2I 10 2MPP RD SPD1R WM4 11	2 MPP	2 inputs	1 output	1R	WM4C	1	8000114374
PVC DC 2I 10 2MPP RD SPD1R EVO 11	2 MPP	2 inputs	1 output	1R	EVO	1	8000098970
PVC DC 2I 10 2MPP RD SPD2R EVO 11	2 MPP	2 inputs	1 output	2R	EVO	1	8000102903
PVC DC 2I 10 4MPP RD SPD1R WM4 11	4 MPP	2 inputs	1 output	1R	WM4C	1	8000115470
PVC DC 2I 10 4MPP RD SPD1R EVO 11	4 MPP	2 inputs	1 output	1R	EVO	1	8000110665
PVC DC 2I 10 6MPP RD SPD1R WM4 11	6 MPP	2 inputs	1 output	1R	WM4C	1	8000115471
PVC DC 2I 10 6MPP RD SPD1R EVO 11	6 MPP	2 inputs	1 output	1R	EVO	1	8000111274
PVC DC 2I 20 10MPP RD SPD1R WM4 11	10 MPP	2 inputs	2 outputs	1R	EVO	1	8000130053
PVC DC 2I 20 10MPP RD SPD1R EVO 11	10 MPP	2 inputs	2 outputs	1R	EVO	1	8000130058
PVC DC 2I 20 12MPP RD SPD1R WM4 11	12 MPP	2 inputs	2 outputs	1R	EVO	1	8000130057
PVC DC 2I 20 12MPP RD SPD1R EVO 11	12 MPP	2 inputs	2 outputs	1R	EVO	1	8000130056



PV Stick - Photovoltaic connector

Type	Rated voltage (IEC) Rated current	Connection cross-section min. / max.	Continuous operating temperature min. / max.	Qty.	Order No.
Female socket					
PV-STICK+ VPE10	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	10	1303450000
PV-STICK+ VPE50	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	50	1303460000
PV-STICK+ VPE200	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	200	1303470000
Pin					
PV-STICK- VPE10	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	10	1303490000
PV-STICK- VPE50	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	50	1303500000
PV-STICK- VPE200	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	200	1303510000
PV-Stick-Set					
PV-STICK SET	1500 V DC / 30 A	4 / 6 mm ²	-40 °C...+ 85 °C	1	1422030000



WM 4 C - Box-connector

Type	Rated voltage / current	Conductor cross-section	Connection	Qty.	Order No.
Male housing					
SFGH BOX WM4 C BT	1100 V DC (IEC) / 35.00 A	4 / 6 mm ²	M 12 housing cable gland	100	1530640000
Socket housing with M12 cable gland					
BUGH BOX WM4 C BT	1100 V DC (IEC) / 35.00 A	4 / 6 mm ²	M 12 housing cable gland	100	1530630000
Accessories					
BUKO WM4 C BT	Female contact	4 and 6 mm ² cables	Loose goods for crimping tools	100	1530670000
BUKO WM4 C RL	Female contact	4 and 6 mm ² cables	Reel packaged goods for automated crimping	1500	1530770000
SFKO WM4 C BT	Male contact	4 and 6 mm ² cables	Loose goods for crimping tools	100	1530680000
SFKO WM4 C RL	Male contact	4 and 6 mm ² cables	Reel packaged goods for automated crimping	1500	1530780000



multi-stripax® PV

Type	Cutting	Stripping	Qty.	Order No.
MULTI-STRIPAX PV	4 and 6 mm ²	4, 6 and 10 mm ²	1	1190490000



CTF PV WM4 crimping tool

Type	Crimping	Description	Qty.	Order No.
CTF PV WM4	1.5 – 6 mm ²	Crimping tool for Weidmüller photovoltaic connector WM4 and plugs with the same design	1	1222870000



10x38 gPV fuse cartridges silver-plated contacts for PV applications

Type	Voltage / Current	Power loss	Switching capacity	Qty.	Order No.
FUSE 10X38 1A 1000 VDC GPV	1000 V DC / 1 A	2.2 W	30 kA	10	2783160000
FUSE 10X38 2A 1000 VDC GPV	1000 V DC / 2 A	2.4 W	30 kA	10	2783170000
FUSE 10X38 3A 1000 VDC GPV	1000 V DC / 3 A	2.65 W	30 kA	10	2783180000
FUSE 10X38 4A 1000 VDC GPV	1000 V DC / 4 A	2.7 W	30 kA	10	2783190000
FUSE 10X38 5A 1000 VDC GPV	1000 V DC / 5 A	0.76 W	30 kA	10	2783200000
FUSE 10X38 6A 1000 VDC GPV	1000 V DC / 6 A	3.2 W	30 kA	10	2783210000
FUSE 10X38 8A 1000 VDC GPV	1000 V DC / 8 A	1.45 W	30 kA	10	2783220000
FUSE 10X38 10A 1000 VDC GPV	1000 V DC / 10 A	1.66 W	30 kA	10	2783230000
FUSE 10X38 12A 1000 VDC GPV	1000 V DC / 12 A	1.57 W	30 kA	10	2783240000
FUSE 10X38 15A 1000 VDC GPV	1000 V DC / 15 A	1.65 W	30 kA	10	2783250000
FUSE 10X38 16A 1000 VDC GPV	1000 V DC / 16 A	1.84 W	30 kA	10	2783260000
FUSE 10X38 20A 1000 VDC GPV	1000 V DC / 20 A	2 W	30 kA	10	2783280000



Y cable

Type	Power input 1/ input 2	Power output	Pin connection	Qty.	Order No.
PVHYW-XXW+XX06W+15	WM4C -	WM4C +	WM4C +	1	2814180000
PVHYW+XXW-XX06W-15	WM4C +	WM4C -	WM4C -	1	2814190000
PVHYM-XXW+XX06M+15	MC4 -	MC4 +	WM4C +	1	2814200000
PVHYM+XXW-XX06M-15	MC4 +	MC4 -	WM4C -	1	2814210000
PVHYW-XXPXX06W+15	WM4C -	WM4C +	Partially stripped	1	2814220000



Type	Voltage	Cable end version	Plug contact type	Connector design	Cable length	Order No.
Y-Verbindungskabel						
PVHYM-XXM+XX06M+15	1000 V DC	3x connectors	1x Male, 2x Female	3x MC4	2x 200 mm, 1x 160 mm	3032100000
PVHYM+XXM-XX06M-15	1000 V DC	3x connectors	2x Male, 1x Female	3x MC4	2x 200 mm, 1x 160 mm	3032110000

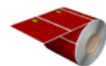
Verlängerungskabel mit Stecker

Type	Voltage	Cable end version	Plug contact type	Connector design	Cable length	Order No.
PV XSTU06 BUOWM4C-C250	1500 V DC	1x connector, 1x open	1x Female	1x WM4C	2500 mm	3010170250
PV XSTU06 STOWM4C-C250	1500 V DC	1x connector, 1x open	1x Male	1x WM4C	2500 mm	3018430250
PV XSTU04 BUOWM4C-C250	1500 V DC	1x connector, 1x open	1x Female	1x WM4C	2500 mm	3018440250
PV XSTU04 STOWM4C-C250	1500 V DC	1x connector, 1x open	1x Male	1x WM4C	2500 mm	3018450250
PV XSTU06 BUOEVO2-C250	1500 V DC	1x connector, 1x open	1x Female	1x MC4-Evo 2	2500 mm	3018460250
PV XSTU06 STOEVO2-C250	1500 V DC	1x connector, 1x open	1x Male	1x MC4-Evo 2	2500 mm	3018470250
PV XSTU04 BUOEVO2-C250	1500 V DC	1x connector, 1x open	1x Female	1x MC4-Evo 2	2500 mm	3018480250
PV XSTU04 STOEVO2-C250	1500 V DC	1x connector, 1x open	1x Male	1x MC4-Evo 2	2500 mm	3018490250



PV Cable marker

Type	Design	Colour	Order No.
PV Cable marker			
SFX-VT 9/24 MM WS	9X24 mm cable marker, with 1 cable tie punch hole, UV-resistant	○	2621470000
SFX-VT 9/24 MM GE	9X24 mm cable marker, with 1 cable tie punch hole, UV-resistant	●	2621460000
SFX-VT 9/24 MM RT	9X24 mm cable marker, with 1 cable tie punch hole, UV-resistant	●	2799310000
SFX-VT 9/24 MM BL	9X24 mm cable marker, with 1 cable tie punch hole, UV-resistant	●	2799320000
SFX-VT 11/60 MM WS	11X60 mm cable marker, with 2 cable tie punch hole, UV-resistant	○	2621450000
SFX-VT 11/60 MM GE	11X60 mm cable marker, with 2 cable tie punch hole, UV-resistant	●	2621440000
SFX-VT 11/60 MM RT	11X60 mm cable marker, with 2 cable tie punch hole, UV-resistant	●	2900960000
SFX-VT 11/60 MM BL	11X60 mm cable marker, with 2 cable tie punch hole, UV-resistant	●	2900970000
PV Device marker			
THM PV 89/60 B/DR RT	Device marker, 60 x 89 mm	●	2817450000
THM PV EL 90 GE 30M	Device marker, 90 mm	●	2817440000
THM PV EL 90 RT 30M	Device marker, 90 mm	●	2817430000
Note: The appropriate printer, THM MultiMark, is listed on p. 25			



PV warning label

Type	Design	Order No.
TABPACK PV 90/100 WFF	Fire brigade warning, pre-printed warning label, bag	2817460000
TABPACK PV 90/100 WBC	Battery warning, pre-printed warning label, bag	2817470000



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