PTS 4 MPB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².
Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²).
Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

General ordering data

Version	Field Power® plug-in connector, IP20, Polyamide, PUSH IN, Number of poles : 5
Order No.	1010910000
Type	PTS 4 MPB
GTIN (EAN)	4032248717330
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	36.15 mm	Depth (inches)	1.423 inch
Height	27.3 mm	Height (inches)	1.075 inch
Width	55.45 mm	Width (inches)	2.183 inch
Net weight	3.8 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...80 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Approbations

Certificate No. (cURus)	E60693	Institute (cURus)	CURUS

Clamping capacity, PUSH IN connection

Blade size, PUSH IN connection	3.0 x 0.5 mm	Clamping range, max. PUSH IN connection	4 mm²
Clamping range, min. PUSH IN connection	0.5 mm²	Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm²
Cross-section for connected wire, PUSH IN connection, solid, max.	4 mm²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm²	Cross-section for connected wire, flexible, PUSH IN connection, max.	4 mm²
Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm²	Finely-stranded flexible, max. PUSH IN connection	4 mm²
Finely-stranded flexible, min. PUSH IN connection	0.5 mm²	Number of poles	5
Stripping length, PUSH IN connection	12 mm	Wire connection cross section, stranded, PUSH IN connection, max.	4 mm²
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm²		

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Technical data

Clamping capacity

Connection data - plug-in connector	Wire connection method	PUSH IN	
	Blade size of operating tool	3.0 x 0.5 mm	
	Stripping length	12 mm	
	Number of poles	5	
	Conductor connection cross-section, solid, max.	4 mm²	
	Conductor connection cross-section, solid, min.	0.5 mm²	
	Conductor connection cross-section, stranded, max.	4 mm²	
	Conductor connection cross-section, stranded, min.	0.5 mm²	
	Conductor connection cross-section, finely stranded, max.	4 mm²	
	Conductor connection cross-section, finely stranded, min.	0.5 mm²	
	Conductor connection cross-section, finest stranded, max.	4 mm²	
	Conductor connection cross-section, finest stranded, min.	0.5 mm²	
	Conductor connection cross-section with wire end ferrule	Type of wire end ferrule	12 mm with plastic collar
		Standard	DIN 46228/1
		Cross-section, min.	0.5 mm²
		Cross-section, max.	4 mm²
		Type of wire end ferrule	12 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm²
		Cross-section, max.	4 mm²
		Type of wire end ferrule	8 mm with plastic collar
		Standard	DIN 46228/1
		Cross-section, min.	0.5 mm²
		Cross-section, max.	4 mm²
		Type of wire end ferrule	8 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm²
		Cross-section, max.	4 mm²
		Type of wire end ferrule	Twin wire-end ferrules
		Cross-section, min.	0.5 mm²
		Cross-section, max.	4 mm²

General data

Insulating material	Polyamide	Silicone	No
Colour	black	Protection degree	IP20
UL 94 flammability rating	V-0	Type of mounting	Plugged
Can be coded	Yes, Coded on PE	Test point	2 mm
Number of poles	5	Number of connections / pole	1
Wire connection method	PUSH IN	Conductor outlet direction	90°

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Technical data

Rated data acc. to IEC

Rated data acc. to IEC for plug-in connector	Standard	IEC 60947-7-1, IEC 60947-7-2, IEC 61984
	Rated voltage	690 V
	Rated impulse withstand voltage	8 kV
	Rated current (3 loaded poles)	32 A
	Rated current (4 loaded poles)	25 A

Rated data acc. to UL

Rated data acc. to UL for plug-in connector	Standard	UL 1059
	Note	for use with UL-listed TC-ER cables
	Conductor connection cross-section, AWG, max.	AWG 12
	Conductor connection cross-section, AWG, min.	AWG 16
	Rated voltage	600 V
	Rated current	20 A

Classifications

ETIM 6.0	EC002943	ETIM 7.0	EC002943
ETIM 8.0	EC002943	ETIM 9.0	EC002943
ECLASS 9.0	27-44-02-92	ECLASS 9.1	27-44-03-90
ECLASS 10.0	27-44-02-92	ECLASS 11.0	27-44-02-92
ECLASS 12.0	27-44-02-92	ECLASS 13.0	27-44-02-92

Approvals

Approvals	c UL us
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

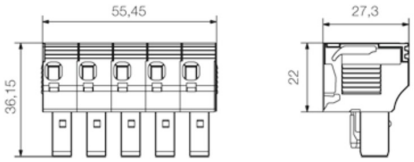
Approval/Certificate/Document of Conformity	UL Certificate FieldPower® terminals and plug-in connectors Manufacturer's Declaration FieldPower® plug-in connectors and HQ adapters
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings





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Accessories

Tools



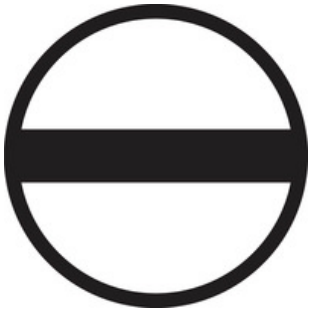
Sheathing stripper for PVC cables

General ordering data

Type	AM 25	Version
Order No.	9001540000	Tools, Sheathing strippers
GTIN (EAN)	4008190138271	
Qty.	1 pc(s).	

Type	AM 16	Version
Order No.	9204190000	Tools, Sheathing strippers
GTIN (EAN)	4032248608133	
Qty.	1 pc(s).	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.5X3.0X80	Version
Order No.	2749330000	Screwdriver, Blade width (B): 3 mm, Blade length: 80 mm, Blade
GTIN (EAN)	4050118895551	thickness (A): 0.5 mm
Qty.	1 pc(s).	

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Accessories

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.
- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 12/6 MC NE WS	Version
Order No.	1609900000	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

Locking elements



The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the bas terminal and ensures maximum safety.

General ordering data

Type	ZVR ZP2.5	Version
Order No.	1816130000	Z-series, Locking clips, yellow, 3.9 mm
GTIN (EAN)	4032248370702	
Qty.	25 pc(s).	