

PTSI 4/LD 400V AC**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, Fuse, IP20, Polyamide, PUSH IN, Number of poles : 5
Order No.	1961770000
Type	PTSI 4/LD 400V AC
GTIN (EAN)	4032248641765
Qty.	1 items

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Technical data

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Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	55 mm	Depth (inches)	2.1654 inch
Height	85 mm	Height (inches)	3.3464 inch
Width	57 mm	Width (inches)	2.2441 inch
Net weight	100 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
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Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Clamping capacity, PUSH IN connection

Clamping range, max. PUSH IN connection	4 mm ²	Clamping range, min. PUSH IN connection	0.5 mm ²
Blade size, PUSH IN connection	3.0 x 0.5 mm	Stripping length, PUSH IN connection	12 mm
Finely-stranded flexible, max. PUSH IN connection	4.00 mm ²	Finely-stranded flexible, min. PUSH IN connection	0.50 mm ²
Cross-section for connected wire, flexible 0.5 mm ² with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.		Cross-section for connected wire, flexible, PUSH IN connection, max.	4 mm ²
Cross-section for connected wire, PUSH IN connection, solid, max.	4 mm ²	Cross-section for connected wire, flexible 4.00 mm ² with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	
Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible 4.00 mm ² with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	
Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm ²	Cross-section for connected wire, flexible 0.50 mm ² with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	
Cross-section for connected wire, flexible 4 mm ² with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.		Cross-section for connected wire, flexible 4.00 mm ² with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	
Cross-section for connected wire, flexible 0.50 mm ² with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.		Cross-section for connected wire, flexible 0.50 mm ² with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	

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Clamping capacity

Connection data - contact element Branch / Feed-in	Wire connection method	PUSH IN		
	Blade size of operating tool	3.0 x 0.5 mm		
	Stripping length	12.00 mm		
	Number of poles	5		
	Conductor connection cross-section, solid, max.	4 mm ²		
	Conductor connection cross-section, solid, min.	0.50 mm ²		
	Conductor connection cross-section, stranded, max.	4.00 mm ²		
	Conductor connection cross-section, stranded, min.	0.50 mm ²		
	Conductor connection cross-section, finely stranded, max.	4.00 mm ²		
	Conductor connection cross-section, finely stranded, min.	0.50 mm ²		
	Conductor connection cross-section, finest stranded, max.	4.00 mm ²		
	Conductor connection cross-section, finest stranded, min.	0.50 mm ²		
	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 mm ²	
		Cross-section, max.	4 mm ²	
		Type of wire end ferrule	12 mm with plastic collar	
		Standard	DIN 46228/4	
		Cross-section, min.	0.5 mm ²	
		Cross-section, max.	4 mm ²	
Type of wire end ferrule		8 mm with plastic collar		
Standard		DIN 46228/1		
Cross-section, min.		0.5 mm ²		
Cross-section, max.		4 mm ²		
Type of wire end ferrule	8 mm with plastic collar			
Standard	DIN 46228/4			
Cross-section, min.	0.5 mm ²			
Cross-section, max.	4 mm ²			
Type of wire end ferrule	Twin wire-end ferrules			
Cross-section, min.	0.5 mm ²			
Cross-section, max.	4 mm ²			

General data

Insulating material	Polyamide	Silicone	No
Colour	black	Protection degree	IP20
UL 94 flammability rating	V-0	Type of mounting	Plugged
Function	Fuse	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
Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")	Conductor outlet direction	90°
Failure indicator	Red LED	Fuse holder (cartridge holder)	Pivoting

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Technical data**Rated data acc. to IEC**

Rated data acc. to IEC for fuse plug	Voltage type	AC
	Number of phases	3
	Standard	IEC 61984, IEC 60947-7-3
	Rated voltage	500 V
	Rated impulse withstand voltage	6.00 kV
	Rated current	12 A

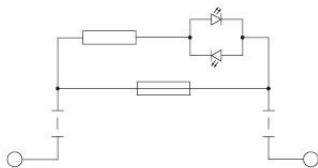
Rated data acc. to UL

Rated data acc. to UL for fuse plug

Classifications

ETIM 8.0	EC002943	ETIM 9.0	EC002943
ETIM 10.0	EC002943	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

Drawings



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Accessories

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Fuse



As accessories for our wide product portfolio of fuse terminal blocks, we also offer the appropriate fuse links. The portfolio includes device protection fuses (miniature fuses) from 5x20 mm up to 10x38 mm, E 14 to E 18 fuse links, as well as automotive fuses and automatic circuit breakers. Gauge rings for the fuse holders round off the overall portfolio.

General ordering data

Type	GZ 12.5A/F	Version
Order No.	1460650000	Miniature fuse, quick-acting, 12.5 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266627	
Qty.	10 ST	
Type	GZ 10.0A/F	Version
Order No.	1460640000	Miniature fuse, quick-acting, 10 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266801	
Qty.	10 ST	
Type	GZ 7.0A/F	Version
Order No.	1460630000	Miniature fuse, quick-acting, 7 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266726	
Qty.	10 ST	
Type	GZ 5.0A/F	Version
Order No.	1460620000	Miniature fuse, quick-acting, 5 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266610	
Qty.	10 ST	
Type	GZ 3.0A/F	Version
Order No.	1460610000	Miniature fuse, quick-acting, 3 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266702	
Qty.	10 ST	
Type	GZ 2.0A/F	Version
Order No.	1460600000	Miniature fuse, quick-acting, 2 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266719	
Qty.	10 ST	
Type	GZ 1.0A/F	Version
Order No.	1460590000	Miniature fuse, quick-acting, 1 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266634	
Qty.	10 ST	
Type	GZ 0.5A/F	Version
Order No.	1460580000	Miniature fuse, quick-acting, 0.5 A, G-Si. 6.3 x 32
GTIN (EAN)	4050118266603	
Qty.	10 ST	

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Tools



Sheathing stripper for PVC cables

General ordering data

Type	AM 16	Version	
Order No.	9204190000	Tools, Sheathing strippers	
GTIN (EAN)	4032248608133		
Qty.	1 ST		
Type	AM 25	Version	
Order No.	9001540000	Tools, Sheathing strippers	
GTIN (EAN)	4008190138271		
Qty.	1 ST		

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 ST		

Accessories

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 thickness (A): 0.5 mm	
GTIN (EAN)	4050118895551		
Qty.	1 ST		