

PTSI 4/LD 36V AC/DC

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.	1252210000
Type	PTSI 4/LD 36V AC/DC
GTIN (EAN)	4050118044331
Qty.	1 items

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Technical data

Approvals

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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	92 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 with exemption
RoHS Exemption (if applicable/known)	7cl
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 with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm ²	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 with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4.00 mm ²
Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4.00 mm ²
Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.50 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4.00 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.50 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.50 mm ²

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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	12.00 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		

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

Rated data acc. to IEC for fuse plug	Voltage type	AC, DC
	Standard	IEC 61984, IEC 60947-7-3
	Rated voltage	36 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		

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Drawings

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