Weidmüller ⊒Σ

PTSI 4/LD 36V AC/DC

Weidmüller Interface GmbH & Co. KG

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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	FieldPower®, Field Power® plug-in connector, PUSH IN, 0.5 mm² - 4 mm²
Order No.	1252210000
Type	PTSI 4/LD 36V AC/DC
GTIN (EAN)	4050118044331
Qty.	1 pc(s).

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PTSI 4/LD 36V AC/DC

Technical data

Dimensions and weights

Depth	55 mm	Depth (inches)	2.165 inch
Height	85 mm	Height (inches)	3.346 inch
Width	57 mm	Width (inches)	2.244 inch
Net weight	115 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Clamping capacity, PUSH IN connection - PT6

Blade size, PUSH IN connection	3.0 x 0.5 mm	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	Stripping length, PUSH IN connection	12 mm

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Technical data

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
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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	Stripping length, PUSH IN connection	12 mm

General information #96 connectors

Can be coded	Yes, Coded on PE	Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")
Colour of insulating material	black	Conductor outlet direction	90°
Continuous operating temp., max.	120 °C	Continuous operating temp., min.	-50 °C
Failure indicator	Red LED	Number of connections / pole	1
Plug insulation material	PA	Test point	2 mm
Type of mounting	Plugged	Wire connection method	PUSH IN

General data

Can be coded	Yes, Coded on PE	Insulating material	PA

Rated data acc. to IEC

Rated cross-section	4 mm²	Rated current	12 A
Rated impulse withstand voltage	6 kV	Rated voltage	36
Standards	IEC 60947-7-1, UL 1059		

Rated data acc. to UL

Standards	IEC 60947-7-1, UL 1059		

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Technical data

Classifications

ETIM 6.0	EC002943	ETIM 7.0	EC002943
ETIM 8.0	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		

Approvals

Approvals	
ROHS	Conform
UL File Number Search	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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Catalogue status 22.04.2022 / We reserve the right to make technical changes.

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Drawings

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