

**PTSI 4/LD 400V AC****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

**General ordering data**

Order No.	<a href="#">1961770000</a>
Type	PTSI 4/LD 400V AC
GTIN (EAN)	4032248641765
Qty.	1 pc(s).

## PTSI 4/LD 400V AC

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

## 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	100 g		

## Temperatures

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

## Clamping capacity, IDC connection - PT6

Blade size	3.0 x 0.5 mm	Connection cross-section, finely stranded, max.	4 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	4 mm <sup>2</sup>
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>		

## PTSI 4/LD 400V AC

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

## Technical data

info@weidmueller.com

www.weidmueller.com

## Clamping capacity, PUSH IN connection - PT6

Blade size	3.0 x 0.5 mm	Blade size, PUSH IN connection	3.0 x 0.5 mm
Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/4, rated connection, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/4, rated connection, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm <sup>2</sup>
Cross-section for connected wire, PUSH IN connection, solid, max.	4 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, flexible, PUSH IN connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, stranded, two clampable wires, max.	0.5 mm <sup>2</sup>
Cross-section for connected wire, stranded, two clampable wires, min.	4 mm <sup>2</sup>	Finely-stranded flexible, max. PUSH IN connection	4 mm <sup>2</sup>
Finely-stranded flexible, min. PUSH IN connection	0.5 mm <sup>2</sup>	Stripping length	12 mm
Stripping length, PUSH IN connection	12 mm		

## PTSI 4/LD 400V AC

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

## Technical data

info@weidmueller.com

www.weidmueller.com  
4 mm<sup>2</sup>

## Clamping capacity, PUSH IN connection

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

## General information #96 connectors

Can be coded  
Yes, Coded on PEColour of insulating material  
blackContinuous operating temp., max.  
120 °CFailure indicator  
Red LEDNumber of connections / pole  
1Test point  
2 mmUL 94 flammability rating  
V-0lockable  
YesCartridge fuse  
6.3 x 32 mm (1/4 x 1 1/4")Conductor outlet direction  
90°Continuous operating temp., min.  
-50 °CFuse holder (cartridge holder)  
PivotingPlug insulation material  
PAType of mounting  
PluggedWire connection method  
PUSH IN

## General data

Can be coded  
Yes, Coded on PEUL 94 flammability rating  
V-0Insulating material  
PA

## Rated data acc. to IEC

Rated cross-section  
4 mm<sup>2</sup>Rated impulse withstand voltage  
6 kVStandards  
IEC 60947-7-3, UL 1059Rated current  
12 ARated voltage  
500

## PTSI 4/LD 400V AC

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

[info@weidmueller.com](mailto:info@weidmueller.com)

## Technical data

## Rated data acc. to UL

Rated current (Use group D / UL 1059) 20 A

Rated voltage (Use group D / UL 1059) 600 V

Standards

IEC 60947-7-3, UL 1059

Wire connection cross section AWG,  
max.

AWG 12

Wire connection cross section AWG,  
min.

AWG 16

## 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	ECLASS 12.0	27-44-02-92

## Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E60693

## Downloads

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

## PTSI 4/LD 400V AC

**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

[info@weidmueller.com](mailto:info@weidmueller.com)

## Drawings

