

#### Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

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Fax. +49 5231 14-2083

info@weidmueller.com

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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**

<u>1952130000</u>
PTDS 4
4032248632084
10 pc(s).



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**Technical data** 

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Dim	ensions	nna s	weights

Depth	36.15 mm	Depth (inches)	www.weidmuelle4.23ninch	
Height	27.3 mm	Height (inches)	1.075 inch	
Width	55.45 mm	Width (inches)	2.183 inch	
Net weight	45.9 g			

## **Temperatures**

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

#### **Approvals**

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

# Clamping capacity, IDC connection - PT6

Blade size	3.0 x 0.5 mm	Connection cross-section, finely stranded, max.	4 mm²
	3.0 x 0.5 mm	Straniueu, max.	4 111111"
Connection cross-section, finely		Wire connection cross section, fine	ly
stranded, min.	0.5 mm <sup>2</sup>	stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, fine	ely	Wire cross-section, finely stranded,	two
stranded, min.	0.5 mm <sup>2</sup>	clampable wires, max.	4 mm²
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>



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# **Technical data**

# Clamping capacity, PUSH IN connection - PT6

Blade size	3.0 x 0.5 mm	Blade size, PUSH IN connection weidmu	elePe∕op₁5 mm
Conductor cross-section, flexible AEH		Conductor cross-section, flexible AEH	
12 mm plus plastic collar DIN 46228/1		12 mm plus plastic collar DIN 46228/4	
rated connection, min.	0.5 mm <sup>2</sup>	rated connection, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible AEH		Conductor cross-section, flexible AEH	
12 mm plus plastic collar DIN 46228/4		8 mm plus plastic collar DIN 46228/1,	
rated connection, min.	0.5 mm <sup>2</sup>	rated connection, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible AEH		Conductor cross-section, flexible AEH	
8 mm plus plastic collar DIN 46228/1,		8 mm plus plastic collar DIN 46228/4,	
rated connection, min.	0.5 mm <sup>2</sup>	rated connection, max.	4 mm <sup>2</sup>
Conductor cross-section, flexible AEH		Cross-section for connected wire PUSH	
8 mm plus plastic collar DIN 46228/4,		IN connection, solid, min.	
rated connection, min.	0.5 mm <sup>2</sup>		0.5 mm <sup>2</sup>
Cross-section for connected wire, PUSH		Cross-section for connected wire, flexible	e
IN connection, solid, max.		with wire-end ferrules, 12mm with	
		plastic collar, DIN 46228/1, PUSH IN	
	4 mm <sup>2</sup>	connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible	e	Cross-section for connected wire, flexible	e
with wire-end ferrules, 12mm with		with wire-end ferrules, 12mm with	
plastic collar, DIN 46228/1, PUSH IN	0.5	plastic collar, DIN 46228/4, PUSH IN	4 3
connection, min.	0.5 mm <sup>2</sup>	connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible	e	Cross-section for connected wire, flexible	e
with wire-end ferrules, 12mm with		with wire-end ferrules, 8mm with	
plastic collar, DIN 46228/4, PUSH IN	0.5	plastic collar, DIN 46228/1, PUSH IN	4 2
connection, min.	0.5 mm <sup>2</sup>	connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexibl	e	Cross-section for connected wire, flexible	e
with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN		with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN	
connection, min.	0.5 mm <sup>2</sup>	connection, max.	4 mm <sup>2</sup>
Cross-section for connected wire, flexible		Cross-section for connected wire,	4 111111-
with wire-end ferrules. 8mm with	e	flexible, PUSH IN connection, max.	
plastic collar, DIN 46228/4, PUSH IN		nexible, FOSH IN Connection, max.	
connection, min.	0.5 mm <sup>2</sup>		4 mm <sup>2</sup>
Cross-section for connected wire.		Cross-section for connected wire.	
flexible, PUSH IN connection, min.	0.5 mm <sup>2</sup>	stranded, two clampable wires, max.	0.5 mm <sup>2</sup>
Cross-section for connected wire.		Finely-stranded flexible, max. PUSH IN	5.5
stranded, two clampable wires, min.	4 mm²	connection	4 mm <sup>2</sup>
<del></del>	4 111111		4 111111
Finely-stranded flexible, min. PUSH IN connection	0.5 mm <sup>2</sup>	Stripping length	12 mm
	0.0 IIIIII-	Wine constitution and constitution in	
Stripping length, PUSH IN connection	12 mm	Wire connection cross section, stranded PUSH IN connection, max.	I, 4 mm²
Wine and the second sec		гозп и соппесиоп, тах.	4 11111114
Wire connection cross section, stranded			
PUSH IN connection, min.	0.5 mm <sup>2</sup>		



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 $0.5 \; mm^2$ 

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## **Clamping capacity, PUSH IN connection**

Blade size, PUSH IN connection	3.0 x 0.5 mm	Clamping range, max. PUՏԱԱԽ.weidmueller.com connection 4 mm²
Clamping range main DUCLUM	3.0 x 0.5 IIIII	Cross-section for connected wire PUSH
Clamping range, min. PUSH IN connection	0.5 mm <sup>2</sup>	IN connection, solid, min.  0.5 mm <sup>2</sup>
Cross-section for connected wire. PU		Cross-section for connected wire, flexible
IN connection, solid, max.	эп	with wire-end ferrules, 12mm with
in connection, sond, max.		plastic collar, DIN 46228/1, PUSH IN
	4 mm <sup>2</sup>	connection, max. 4 mm <sup>2</sup>
Cross-section for connected wire, flex	ible	Cross-section for connected wire, flexible
with wire-end ferrules, 12mm with		with wire-end ferrules, 12mm with
plastic collar, DIN 46228/1, PUSH IN	I	plastic collar, DIN 46228/4, PUSH IN
connection, min.	0.5 mm <sup>2</sup>	connection, max. 4 mm <sup>2</sup>
Cross-section for connected wire, flexible		Cross-section for connected wire, flexible
with wire-end ferrules, 12mm with		with wire-end ferrules, 8mm with
plastic collar, DIN 46228/4, PUSH IN		plastic collar, DIN 46228/1, PUSH IN
connection, min.	0.5 mm <sup>2</sup>	connection, max. 4 mm <sup>2</sup>
Cross-section for connected wire, flex	ible	Cross-section for connected wire, flexible
with wire-end ferrules, 8mm with		with wire-end ferrules, 8mm with
plastic collar, DIN 46228/1, PUSH IN		plastic collar, DIN 46228/4, PUSH IN
connection, min.	0.5 mm <sup>2</sup>	connection, max. 4 mm <sup>2</sup>
Cross-section for connected wire, flex	ible	Cross-section for connected wire,
with wire-end ferrules, 8mm with		flexible, PUSH IN connection, max.
plastic collar, DIN 46228/4, PUSH IN		
connection, min.	0.5 mm <sup>2</sup>	4 mm <sup>2</sup>
Cross-section for connected wire,		Finely-stranded flexible, max. PUSH IN
flexible, PUSH IN connection, min.	0.5 mm <sup>2</sup>	connection 4 mm <sup>2</sup>
Finely-stranded flexible, min. PUSH IN		Stripping length, PUSH IN connection
connection	0.5 mm <sup>2</sup>	12 mm
Wire connection cross section, strand	led,	Wire connection cross section, stranded,
DUIGULINI .:	4 2	BUOLIN .: . OF 0

## **General information #96 connectors**

Can be coded	Yes, Coded on PE	Colour of insulating material	black
Conductor outlet direction	90°	Continuous operating temp., max.	120 °C
Continuous operating temp., min.	-50 °C	Number of connections / pole	2
Plug insulation material	PA	Test point	2 mm
Type of mounting	Plugged	UL 94 flammability rating	V-0
Wire connection method	PUSH IN	lockable	Yes

PUSH IN connection, min.

### **General data**

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

## Rated data acc. to IEC

PUSH IN connection, max.

Rated cross-section	4 mm <sup>2</sup>	Rated current	32 A
Rated impulse withstand voltage	8 kV	Rated voltage	690 V
Standards	UL 1059, IEC 60947-7-1		

### Rated data acc. to UL

Rated current (Use group D / UL 1059) 20 A		Rated voltage (Use group D / UL	_ 1059) 600 V	
Standards		Wire connection cross section A	AWG,	
	UL 1059, IEC 60947-7-1	max.	AWG 12	
Wire connection cross section AWG	i,			
min.	AWG 16			



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#### Classifications

ETIM 6.0	EC002943	ETIM 7.0	www.weidmueffc.com 943
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	ment of UL Certificate FieldPower® Box and accessories	
Conformity	UL Certificate FieldPower® terminals and plug-in connectors	
	Manufacturer's Declaration FieldPower® plug-in connectors and HQ adapters	
Engineering Data	CAD data – STEP	
User Documentation	Manual FieldPower® PTS 4 and PTDS 4	
Catalogues	Catalogues in PDF-format	

**Drawings** 



# PTDS 4

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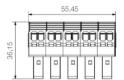
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