

PTS 4 MPB**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	FieldPower®, Field Power® plug-in connector, PUSH IN, 0.5 mm ² - 4 mm ² , Number of poles: 5
Order No.	1010910000
Type	PTS 4 MPB
GTIN (EAN)	4032248717330
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	36.15 mm	Depth (inches)	1.423 inch
Height	27.3 mm	Height (inches)	1.075 inch
Width	55.45 mm	Width (inches)	2.183 inch
Net weight	34.66 g		

Temperatures

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

Certificate No. (cURus)	E60693	Institute (cURus)	CURUS
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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 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, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 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, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, 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, max.	4 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm 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, min.	0.5 mm ²	Cross-section for connected wire, flexible, PUSH IN connection, max.	4 mm ²
Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²	Finely-stranded flexible, max. PUSH IN connection	4 mm ²
Finely-stranded flexible, min. PUSH IN connection	0.5 mm ²	Number of poles	5
Stripping length, PUSH IN connection	12 mm	Wire connection cross section, stranded, PUSH IN connection, max.	4 mm ²
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm ²		

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Technical data

Clamping capacity, PUSH IN connection

Blade size, PUSH IN connection	3.0 x 0.5 mm
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Clamping range, min. PUSH IN connection	0.5 mm ²
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Cross-section for connected wire, PUSH IN connection, solid, max.	4 mm ²
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Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²
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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
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Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²
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Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm ²
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Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²
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Finely-stranded flexible, min. PUSH IN connection	0.5 mm ²
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Stripping length, PUSH IN connection	12 mm
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Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm ²
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Clamping range, max. PUSH IN connection	4 mm ²
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Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm ²
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Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm ²
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Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm ²
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Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	4 mm ²
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Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm ²
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Cross-section for connected wire, flexible, PUSH IN connection, max.	4 mm ²
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Finely-stranded flexible, max. PUSH IN connection	4 mm ²
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Number of poles	5
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Wire connection cross section, stranded, PUSH IN connection, max.	4 mm ²
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General information #96 connectors

Can be coded	Yes, Coded on PE
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Conductor outlet direction	90°
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Continuous operating temp., min.	-50 °C
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Number of poles	5
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Test point	2 mm
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UL 94 flammability rating	V-0
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lockable	Yes
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Colour of insulating material	black
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Continuous operating temp., max.	120 °C
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Number of connections / pole	1
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Plug insulation material	PA
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Type of mounting	Plugged
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Wire connection method	PUSH IN
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General data

Can be coded	Yes, Coded on PE
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UL 94 flammability rating	V-0
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Insulating material	PA
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Rated data acc. to IEC

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

Wire connection cross section AWG,
max.

AWG 12

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

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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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Drawings

