

PTS 4**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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Fax. +49 5231 14-2083

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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

Order No.	1952120000
Type	PTS 4
GTIN (EAN)	4032248632909
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	34.3 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, IDC connection - PT6

Blade size	3.0 x 0.5 mm	Connection cross-section, finely stranded, max.	4 mm ²
Connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	4 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²

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Clamping capacity, PUSH IN connection - PT6

Blade size	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 ²
Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/4, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/4, rated connection, 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, 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, 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.	0.5 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 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, min.	0.5 mm ²
Cross-section for connected wire, stranded, two clampable wires, min.	4 mm ²
Finely-stranded flexible, min. PUSH IN connection	0.5 mm ²
Stripping length, PUSH IN connection	12 mm
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm ²

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

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4 mm²

Clamping capacity, PUSH IN connection

Blade size, PUSH IN connection
3.0 x 0.5 mmClamping range, min. PUSH IN connection
0.5 mm²Cross-section for connected wire, PUSH IN connection, solid, max.
4 mm²Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.
0.5 mm²Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.
0.5 mm²Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.
0.5 mm²Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.
0.5 mm²Cross-section for connected wire, flexible, PUSH IN connection, min.
0.5 mm²Finely-stranded flexible, min. PUSH IN connection
0.5 mm²Wire connection cross section, stranded, PUSH IN connection, max.
4 mm²Clamping range, max. PUSH IN connection
4 mm²Cross-section for connected wire PUSH IN connection, solid, min.
0.5 mm²Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.
4 mm²Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.
4 mm²Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.
4 mm²Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.
4 mm²Cross-section for connected wire, flexible, PUSH IN connection, max.
4 mm²Finely-stranded flexible, max. PUSH IN connection
4 mm²Stripping length, PUSH IN connection
12 mmWire connection cross section, stranded, PUSH IN connection, min.
0.5 mm²

General information #96 connectors

Can be coded
Yes, Coded on PEConductor outlet direction
90°Continuous operating temp., min.
-50 °CPlug insulation material
PAType of mounting
PluggedWire connection method
PUSH INColour of insulating material
blackContinuous operating temp., max.
120 °CNumber of connections / pole
1Test point
2 mmUL 94 flammability rating
V-0lockable
Yes

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 mm²Rated impulse withstand voltage
8 kVStandards
UL 1059, IEC 60947-7-1Rated current
32 ARated voltage
690 V

Rated data acc. to UL

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

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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	UL Certificate FieldPower® Box and accessories 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

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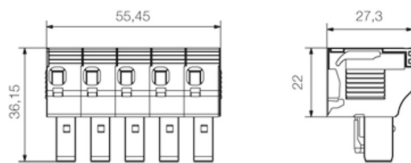
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Drawings



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