

PT6 DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	PT6 DC
Order No.	1126840000
Version	FieldPower® Box, IP20, PA, DC Box
GTIN (EAN)	4032248908462
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	139.5 mm	Length (inches)	5.492 inch
Width	61.5 mm	Width (inches)	2.421 inch
Height	54 mm	Height (inches)	2.126 inch
Net weight	191.15 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...55 °C	Storage temperature	-40 °C...85 °C
Temperature range, installation, min.	10 °C	Temperature range, installation, max.	40 °C

Clamping capacity, Push-In connection, distribution

Blade size	0.6 x 3.5 mm	Blade size, PUSH IN connection	0.6 x 3.5 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.	6 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	6 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.	6 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.	6 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.	6 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.	10 mm ²	Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²
Finely-stranded flexible, max. PUSH IN connection	6 mm ²	Finely-stranded flexible, min. PUSH IN connection	0.5 mm ²
Stripping length, PUSH IN connection	14 mm	Wire connection cross section, stranded, PUSH IN connection, max.	6 mm ²
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm ²		

IDC connection clamping capacity, power cable

Blade size	0.6 x 3.5 mm	Connection cross-section, finely stranded, max.	6 mm ²
Connection cross-section, finely stranded, min.	2.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	2.5 mm ²	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross-section, finely stranded, min.	2.5 mm ²	Wire cross-section, solid, max.	6 mm ²
Wire cross-section, solid, min.	1.5 mm ²		

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Technical data

General data

Can be coded	Yes, Coded on PE	Connection 2	PTS4 plug, PTDS4 plug
Material colour	grey	Protection degree	IP20
Silicone	No	Insulating material	PA
Halogen	No	UL 94 flammability rating	V-0

Rated data acc. to IEC

Rated cross-section	6 mm ²	Rated current	41 A
Rated impulse withstand voltage	8 kV	Rated voltage	800 V
Standards	UL 1059		

Rated data acc. to UL

Rated current (Use group D / UL 1059)	30 A	Rated voltage (Use group D / UL 1059)	600 V
Standards	UL 1059	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 14		

Classifications

ETIM 3.0	EC000214	ETIM 4.0	EC000214
ETIM 5.0	EC000214	ETIM 6.0	EC002498
eClass 6.2	27-14-24-09	eClass 7.1	27-14-24-09
eClass 8.1	27-14-24-09	eClass 9.0	27-14-25-90
eClass 9.1	27-14-25-90		

Approvals

Approvals



ROHS

Conform

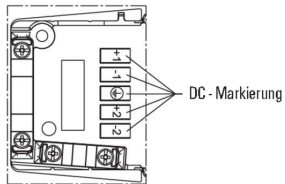
Downloads

Approval/Certificate/Document of Conformity	Herstellererklärung_DE FieldPower
Engineering Data	WSCAD
Engineering Data	STEP

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Drawings



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Accessories**Plug-in connector**

Extensive range of accessories for the FieldPower® boxes.
Cable seals, plug-in connectors, locking elements and much more.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PTS 4 DC	1131730000	FieldPower®, Plug-in connector, PUSH IN, 0.5 mm ² - 4 mm ² , No. of poles: 5	4032248912117 10 pc(s).	