

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

Klingenbergstraße 16

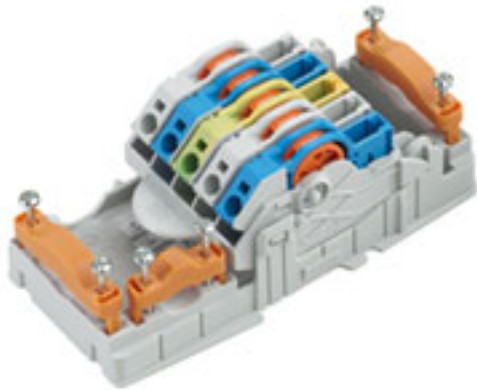
D-32758 Detmold

Germany

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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**

Type	PT6 DC
Order No.	<a href="#">1126840000</a>
Version	FieldPower® Box, IP 20, PA
GTIN (EAN)	4032248908462
Qty.	1 pc(s).

## PT6 DC

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## Technische Daten

### Dimensions and weights

Length	139.5 mm	Width	61.5 mm
Height	54 mm	Net weight	191.15 g

### Temperatures

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 <sup>2</sup>	Cross-section for connected wire, PUSH IN connection, solid, max.	6 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.	6 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.	6 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.	6 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.	6 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.	10 mm <sup>2</sup>	Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm <sup>2</sup>
Finely-stranded flexible, max. PUSH IN connection	6 mm <sup>2</sup>	Finely-stranded flexible, min. PUSH IN connection	0.5 mm <sup>2</sup>
Stripping length, PUSH IN connection	14 mm	Wire connection cross section, stranded, PUSH IN connection, max.	6 mm <sup>2</sup>
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm <sup>2</sup>		

### IDC connection clamping capacity, power cable

Blade size	0.6 x 3.5 mm	Finely stranded, max. (rated connection)	6 mm <sup>2</sup>
Finely stranded, min. (rated connection)	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	6 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>	Wire cross-section, solid, max.	6 mm <sup>2</sup>
Wire cross-section, solid, min.	1.5 mm <sup>2</sup>		

### General data

Can be coded	Yes, Coded on PE	Connection 2	PTS4 plug, PTDS4 plug
Material colour	Grey	Protection degree	IP 20
Silicone	No	Insulating material	PA
Halogen	No	UL 94 flammability rating	V-0

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## Technische Daten

### Rated data acc. to IEC

Rated cross-section	6 mm <sup>2</sup>	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)	30 A	Rated voltage (use group D)	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	eClass 6.2	27-14-24-09
eClass 7.1	27-14-24-09		