

PT6

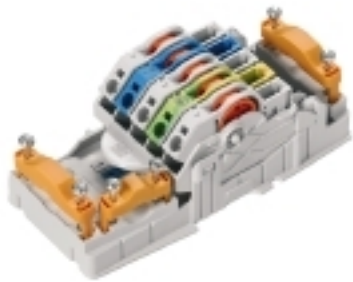
Weidmüller Interface GmbH & Co. KG

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® contact element, AC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5
Order No.	1957620000
Type	PT6
GTIN (EAN)	4032248642489
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	54 mm	Depth (inches)	2.126 inch
Height	139.5 mm	Height (inches)	5.492 inch
Width	61.5 mm	Width (inches)	2.421 inch
Net weight	196 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
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Clamping capacity

Connection data - contact element power bus	Wire connection method	Insulation displacement connection (IDC)
	Blade size of operating tool	0.6 x 3.5 mm
Number of poles	5	
Conductor connection cross-section, solid, max.	6 mm ²	
Conductor connection cross-section, solid, min.	1.5 mm ²	
Conductor connection cross-section, stranded, max.	6 mm ²	
Conductor connection cross-section, stranded, min.	2.5 mm ²	
Conductor connection cross-section, finely stranded, max.	6 mm ²	
Conductor connection cross-section, finely stranded, min.	2.5 mm ²	
Conductor connection cross-section, finest stranded, max.	6 mm ²	
Conductor connection cross-section, finest stranded, min.	2.5 mm ²	

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Technische Daten

Connection data - contact element
 Branch / Feed-in

Wire connection method	PUSH IN	
Blade size of operating tool	0.6 x 3.5 mm	
Number of poles	5	
Conductor connection cross-section, solid, max.	6 mm ²	
Conductor connection cross-section, solid, min.	0.5 mm ²	
Conductor connection cross-section, stranded, max.	6 mm ²	
Conductor connection cross-section, stranded, min.	0.5 mm ²	
Conductor connection cross-section, finely stranded, max.	10 mm ²	
Conductor connection cross-section, finely stranded, min.	0.5 mm ²	
Conductor connection cross-section, finest stranded, max.	6 mm ²	
Conductor connection cross-section, finest stranded, min.	0.5 mm ²	
Conductor connection cross-section with wire end ferrule	Type of wire end ferrule	12 mm with plastic collar
	Standard	DIN 46228/1
	Cross-section, min.	0.5 mm ²
	Cross-section, max.	6 mm ²
	Type of wire end ferrule	12 mm with plastic collar
	Standard	DIN 46228/4
	Cross-section, min.	0.5 mm ²
	Cross-section, max.	6 mm ²
	Type of wire end ferrule	8 mm with plastic collar
	Standard	DIN 46228/1
	Cross-section, min.	0.5 mm ²
	Cross-section, max.	6 mm ²
	Type of wire end ferrule	8 mm with plastic collar
	Standard	DIN 46228/4
	Cross-section, min.	0.5 mm ²
	Cross-section, max.	6 mm ²
Type of wire end ferrule	Twin wire-end ferrules	
Cross-section, min.	0.5 mm ²	
Cross-section, max.	6 mm ²	

General data

Insulating material	Polyamide	Silicone	No
Colour	grey	Protection degree	IP20
UL 94 flammability rating	V-0	Can be coded	Yes, Coded on PE
Voltage type	AC	Number of poles	5
Number of connections / pole	1	Wire connection method	Insulation displacement connection (IDC), PUSH IN
Type of connection 2	FieldPower® plug PTS 4, PTDS4		

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Technische Daten

Rated data acc. to IEC

Rated data acc. to IEC for contact element	Voltage type	AC
	Number of phases	3
	Standard	IEC 60947-7-1, IEC 60947-7-2
	Rated voltage	800 V
	Rated impulse withstand voltage	8 kV
	Rated current (3 loaded poles)	41 A
	Rated current (4 loaded poles)	25 A

Rated data acc. to UL

Rated data acc. to UL for contact element	Standard	UL 1059
	Note	for use with UL-listed TC-ER cables
	Conductor connection cross-section, AWG, max.	AWG 10
	Conductor connection cross-section, AWG, min.	AWG 14
	Rated voltage	600 V
	Rated current	30 A

Classifications

ETIM 6.0	EC002498	ETIM 7.0	EC002498
ETIM 8.0	EC002498	ETIM 9.0	EC002498
ECLASS 9.0	27-14-25-90	ECLASS 9.1	27-14-25-90
ECLASS 10.0	27-14-25-90	ECLASS 11.0	27-14-25-90
ECLASS 12.0	27-14-25-90	ECLASS 13.0	27142590

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	UL Certificate FieldPower® terminals and plug-in connectors Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants
Engineering Data	CAD data – STEP
User Documentation	Manual FieldPower® PT6 IEC cURus
Catalogues	Catalogues in PDF-format

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Zeichnungen

