

PT6

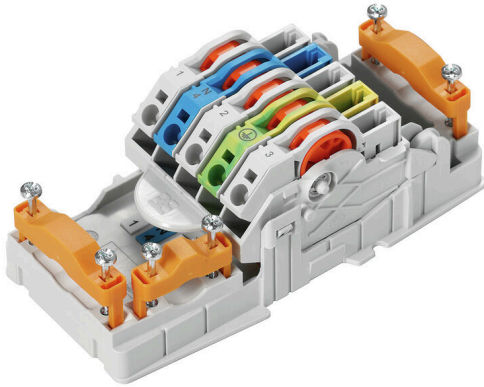
Weidmüller Interface GmbH & Co. KG

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 items

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	54 mm	Depth (inches)	2.126 inch
Height	139.5 mm	Height (inches)	5.4921 inch
Width	61.5 mm	Width (inches)	2.4213 inch
Net weight	196 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Clamping capacity

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.	0.50 mm ²	
	Conductor connection cross-section, stranded, max.	6.00 mm ²	
	Conductor connection cross-section, stranded, min.	0.50 mm ²	
	Conductor connection cross-section, finely stranded, max.	10.00 mm ²	
	Conductor connection cross-section, finely stranded, min.	0.50 mm ²	
	Conductor connection cross-section, finest stranded, max.	6.00 mm ²	
	Conductor connection cross-section, finest stranded, min.	0.50 mm ²	
	Conductor connection cross-section with wire end ferrule	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	12 mm with plastic collar
		Standard	DIN 46228/4
Conductor connection cross-section with wire end ferrule	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	

Technical data

		Cross-section, max.	6 mm ²
		Type of wire end ferrule	8 mm with plastic collar ferrule
		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
Connection data - contact element power bus	Number of poles	5	
	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.	1.50 mm ²	
	Conductor connection cross-section, stranded, max.	6.00 mm ²	
	Conductor connection cross-section, stranded, min.	2.50 mm ²	
	Conductor connection cross-section, finely stranded, max.	6.00 mm ²	
	Conductor connection cross-section, finely stranded, min.	2.50 mm ²	
	Number of poles	5	

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		

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	8.00 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

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Classifications

ETIM 8.0	EC002498	ETIM 9.0	EC002498
ETIM 10.0	EC002498	ECLASS 14.0	27-14-25-90
ECLASS 15.0	27-14-25-90		

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Drawings

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