

Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com





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**

Version	Field Power® plug-in connector, DC, IP20, Polyamide, PUSH IN, Number of poles: 5
Order No.	<u>1131730000</u>
Туре	PTS 4 DC
GTIN (EAN)	4032248912117
Oty.	10 items





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# **Technical data**

Approvals			
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ROHS	Conform		
UL File Number Search	UL Website		
Certificate No. (cURus)	E60693		
Dimensions and weights			
<u> </u>			
Depth	36.15 mm	Depth (inches)	1.4232 inch
Height	27.3 mm	Height (inches)	1.0748 inch
Width	55.45 mm	Width (inches)	2.1831 inch
Net weight	34.71 g		
Temperatures			
Storage temperature	-40 °C85 °C	Operating temperature	-40 °C80 °C
Environmental Product Comp	liance		
D 110 0 1' 0' 1			
ROHS Compliance Status REACH SVHC	Compliant without exemption No SVHC above 0.1 wt%	on	
REACH SVHC	No SVHC above 0.1 wt%		
Approbations			
Certificate No. (cURus)	E60693	Institute (cURus)	CURUS
Clamping capacity, PUSH IN (			
Clamping range, max. PUSH IN connection	4 mm <sup>2</sup>	Clamping range, min. PUSH IN connection	0.5 mm <sup>2</sup>
Blade size, PUSH IN connection	3.0 x 0.5 mm	Stripping length, PUSH IN connection	12 mm
Finely-stranded flexible, max. PUSH IN connection	4.00 mm <sup>2</sup>	Finely-stranded flexible, min. PUSH IN connection	0.50 mm <sup>2</sup>
Cross-section for connected wire, flexib with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	le0.5 mm²	Cross-section for connected wire, flexible, PUSH IN connection, max.	4 mm²
Cross-section for connected wire, PUSI IN connection, solid, max.	1 4 mm²	Cross-section for connected wire, flexible 4.00 mm <sup>2</sup> with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	
Cross-section for connected wire, flexible, 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 46228/1, PUSH IN connection, max.	le4.00 mm²
Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, flexible0.50 mm <sup>2</sup> with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	
Cross-section for connected wire, flexib with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	le4 mm²	Wire connection cross section, strande PUSH IN connection, min.	d,0.5 mm²
Cross-section for connected wire, flexib with wire-end ferrules, 8mm with	le4.00 mm²	Cross-section for connected wire, flexib with wire-end ferrules, 8mm with	le0.50 mm²

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## **Technical data**

plastic collar, DIN 46228/4, PUSH IN connection, max.

Cross-section for connected wire, flexible 0.50 mm<sup>2</sup> with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.

plastic collar, DIN 46228/4, PUSH IN connection, min.

Wire connection cross section, stranded, 4 mm<sup>2</sup> PUSH IN connection, max.

#### **Clamping capacity**

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Connection	data -	blua-in	connector

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Wire connection method	PUSH IN	
Blade size of operating tool	3.0 x 0.5 mm	
Stripping length	12.00 mm	
Number of poles	5	
Conductor connection cross-section, solid, max	. 4 mm²	
Conductor connection cross-section, solid, min.	0.50 mm <sup>2</sup>	
Conductor connection cross-section, stranded, max.	4.00 mm <sup>2</sup>	
Conductor connection cross-section, stranded, min.	0.50 mm <sup>2</sup>	
Conductor connection cross-section, finely stranded, max.	4.00 mm <sup>2</sup>	
Conductor connection cross-section, finely stranded, min.	0.50 mm <sup>2</sup>	
Conductor connection cross-section, finest stranded, max.	4.00 mm <sup>2</sup>	
Conductor connection cross-section, finest stranded, min.	0.50 mm <sup>2</sup>	
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 <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Type of wire end ferrule	12 mm with plastic collar
	Standard	DIN 46228/4
	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Type of wire end ferrule	8 mm with plastic collar
	Standard	DIN 46228/1
	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Type of wire end ferrule	8 mm with plastic collar
	Standard	DIN 46228/4
	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Type of wire end ferrule	Twin wire-end ferrules
	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>

#### **General data**

Insulating material	Polyamide	Silicone	No
Colour	black	Protection degree	IP20
UL 94 flammability rating	V-0	Type of mounting	Plugged
Can be coded	Yes, Coded on PE	Test point	2 mm
Voltage type	DC	Number of poles	5
Number of connections / pole	1	Wire connection method	PUSH IN

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# **Technical data**

Conductor outlet direction	90°	
Rated data acc. to IEC		

Rated data acc. to IEC for plug-in	Voltage type	DC
connector	Standard	IEC 60947-7-1, IEC 60947-7-2, IEC 61984
	Rated voltage	690 V
	Rated impulse withstand voltage	8.00 kV
	Rated current (3 loaded poles)	32 A
	Rated current (4 loaded poles)	25 A

### Rated data acc. to UL

Rated data acc. to UL for plug-in	Standard	UL 1059
connector	Note	for use with UL-listed TC-ER cables
	Conductor connection cross-section, AWG,	AWG 12
	max.	
	Conductor connection cross-section, AWG, m	in.AWG 16
	Rated voltage	600 V
	Rated current	20 A

## Classifications

EC002943	ETIM 7.0	EC002943
EC002943	ETIM 9.0	EC002943
EC002943	ECLASS 9.0	27-44-02-92
27-44-03-90	ECLASS 10.0	27-44-02-92
27-44-02-92	ECLASS 12.0	27-44-02-92
27-44-02-92	ECLASS 14.0	27-44-02-92
27-44-02-92		
	EC002943 EC002943 27-44-03-90 27-44-02-92 27-44-02-92	EC002943 ETIM 9.0 EC002943 ECLASS 9.0 27-44-03-90 ECLASS 10.0 27-44-02-92 ECLASS 12.0 27-44-02-92 ECLASS 14.0



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# **Drawings**





