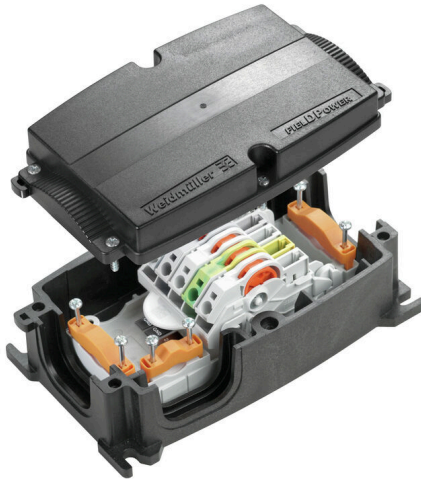


FP BOX MPB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The FieldPower® power distributors support error-free installation in an extremely short space of time. Branches and functions integrated in the cover can simply be plugged in. Robust with high protection degree.

General ordering data

Version	FieldPower® power distribution box, IP65, in complete state, glass-fibre reinforced polycarbonate, PUSH IN, Insulation displacement connection (IDC)
Order No.	1180300000
Type	FP BOX MPB
GTIN (EAN)	4032248972012
Qty.	1 items
Delivery status	Discontinued
Available until	2025-09-25T00:00:00+02:00

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	67 mm	Depth (inches)	2.6378 inch
Height	181 mm	Height (inches)	7.126 inch
Width	104 mm	Width (inches)	4.0945 inch
Net weight	548.81 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	5f19cd84-8946-4797-9386-3ac323b95c10

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		
	Stripping length	14.00 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 46228/1	
		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			

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Technical data

Connection data - contact element power bus		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
	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		
Conductor connection cross-section, finest stranded, max.	6.00 mm ²		
Conductor connection cross-section, finest stranded, min.	2.50 mm ²		

General data

Basic material	Polycarbonate, glass fibre reinforced	Insulating material	Polycarbonate
Enclosure material	glass-fibre reinforced polycarbonate	Silicone	No
Colour	black	Protection degree	IP65, in complete state
UL 94 flammability rating	5VA	Torque for lid screws	2 Nm
Lid attachment	TX20 screws	Type of mounting	Screw mounting, Fixing lugs
Installation advice	Lid screws included	Can be coded	Yes
Number of poles	5	Number of connections / pole	1
Wire connection method	PUSH IN, Insulation displacement connection (IDC)		

Rated data acc. to IEC

Rated data acc. to IEC for contact element	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

Standards	not UL approved	
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

Technical data

Classifications

ETIM 8.0	EC000214	ETIM 9.0	EC000214
ETIM 10.0	EC000214	ECLASS 14.0	27-14-24-09
ECLASS 15.0	27-14-24-09		

Drilling template

