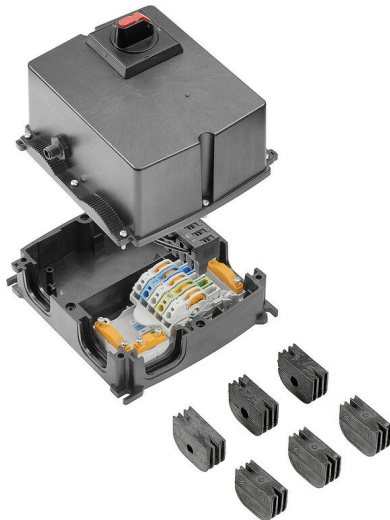


**FP BOX ON/OFF16A FUSE R****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

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, 3-phase AC, IP65, glass-fibre reinforced polycarbonate, Insulation displacement connection (IDC), PUSH IN, Maintenance switch
Order No.	<a href="#">8000028513</a>
Type	FP BOX ON/OFF 16A FUSE R
GTIN (EAN)	4050118505368
Qty.	1 items

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**Technical data**

**Approvals**

ROHS	Conform
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**Dimensions and weights**

Depth	165 mm	Depth (inches)	6.4961 inch
Height	181 mm	Height (inches)	7.126 inch
Width	192 mm	Width (inches)	7.559 inch
Net weight	1785.66 g		

**Temperatures**

Storage temperature	-25 °C...55 °C	Ambient temperature	-25 °C...45 °C
Operating temperature	-25 °C...45 °C		

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cI
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	7645f3b1-6db9-495d-9e21-ab1d894aff05

**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 <sup>2</sup>	
	Conductor connection cross-section, solid, min.	0.50 mm <sup>2</sup>	
	Conductor connection cross-section, stranded, max.	6.00 mm <sup>2</sup>	
	Conductor connection cross-section, stranded, min.	0.50 mm <sup>2</sup>	
	Conductor connection cross-section, finely stranded, max.	10.00 mm <sup>2</sup>	
	Conductor connection cross-section, finely stranded, min.	0.50 mm <sup>2</sup>	
	Conductor connection cross-section, finest stranded, max.	6.00 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 46228/4
		Cross-section, min.	0.5 mm <sup>2</sup>
		Cross-section, max.	6 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.	6 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.		6 mm <sup>2</sup>	

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**Technical data**

		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.	6 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.	6 mm <sup>2</sup>	
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 <sup>2</sup>		
	Conductor connection cross-section, solid, min.	1.50 mm <sup>2</sup>		
	Conductor connection cross-section, stranded, max.	6.00 mm <sup>2</sup>		
	Conductor connection cross-section, stranded, min.	2.50 mm <sup>2</sup>		
	Conductor connection cross-section, finely stranded, max.	6.00 mm <sup>2</sup>		
	Conductor connection cross-section, finely stranded, min.	2.50 mm <sup>2</sup>		
Connection data - plug-in connector	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 mm <sup>2</sup>		
	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 46228/4	
		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 46228/4		
Cross-section, min.		0.5 mm <sup>2</sup>		
Cross-section, max.		4 mm <sup>2</sup>		

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## Technical data

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	Polycarbonate	Enclosure material	glass-fibre reinforced polycarbonate
Silicone	No	Colour	black
Protection degree	IP65	UL 94 flammability rating	5VA
Torque for lid screws lockable	2 Nm Yes	Lid attachment	TX20 screws
Installation advice	Lid screws included	Type of mounting	Screw mounting, Fixing lugs
With cable gland	Yes	Function	Maintenance switch
Voltage type	3-phase AC	Can be coded	Yes, Coded on PE
Number of connections / pole	1	Number of poles	5
Type of connection, signal	M12, A-coded	Wire connection method	Insulation displacement connection (IDC), PUSH IN
Conductor outlet direction	90°	Cartridge fuse	10 x 38 mm
Fuse holder (cartridge holder)	Pivoting	Failure indicator	Red LED

## Rated data acc. to IEC

Rated data acc. to IEC for plug-in connector	Voltage type	AC
	Number of phases	3
	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 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 IEC for fuse plug	Voltage type	AC
	Number of phases	3
	Standard	IEC 61984, IEC 60947-7-3
	Rated voltage	500 V
	Rated impulse withstand voltage	6.00 kV
	Rated current	12 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
Rated data acc. to UL for plug-in connector	Standard	UL 1059
	Note	for use with UL-listed TC-ER cables

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**Technical data**

Conductor connection cross-section, AWG, max.	AWG 12
Conductor connection cross-section, AWG, min.	AWG 16
Rated voltage	600 V
Rated current	20 A

Rated data acc. to UL for fuse plug

**Technical data Switch**

Terminals - torque	0.8 Nm	Wire connection cross section AWG, max.	AWG 8
Switch type	ABB OT16FT3	Operating voltage	400 V
Wire connection cross section AWG, min.	AWG 18	Pollution severity	3
Power rating AC-23A	7.5 kW	Rated current AC-23A	16 A
auxiliary contact	ABB OA1G10	Switch according to standard	IEC 60947-3
Clamping range, plug, min.	0.75 mm <sup>2</sup>	Clamping range, plug, max.	10 mm <sup>2</sup>

**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		

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Drawings

