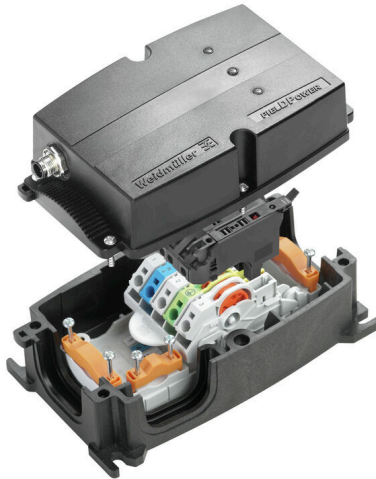


## FP BOX FUSE R

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

[www.weidmueller.com](http://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, in closed state, glass-fibre reinforced polycarbonate, Insulation displacement connection (IDC), PUSH IN, Fuse
Order No.	<a href="#">1025060000</a>
Type	FP BOX FUSE R
GTIN (EAN)	4032248745869
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UL)	E310075

**Dimensions and weights**

Depth	86 mm	Depth (inches)	3.3858 inch
Height	181 mm	Height (inches)	7.126 inch
Width	104 mm	Width (inches)	4.0945 inch
Net weight	707 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 with exemption
RoHS Exemption (if applicable/known)	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>		

Technical data

		Type of wire end ferrule	8 mm with plastic collar ferrule	
		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 ferrule	
		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 ferrule	
		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 ferrule		
	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	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	Polycarbonate	Enclosure material	glass-fibre reinforced polycarbonate
Silicone	No	Colour	black
Protection degree	IP65, in closed 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
Function	Fuse	Can be coded	Yes, Coded on PE
Voltage type	3-phase AC	Number of poles	5
Number of connections / pole	1	Wire connection method	Insulation displacement connection (IDC), PUSH IN
Type of connection, signal	M12, A-coded	Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")
Conductor outlet direction	90°	Failure indicator	Red LED
Fuse holder (cartridge holder)	Pivoting		

### 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 data acc. to IEC for fuse plug	Rated current (4 loaded poles)	25 A
	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 fuse plug		

**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		

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**Drawings**

**Drilling template**

