

FP BOX 10P**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, glass-fibre reinforced polycarbonate
Order No.	1957590000
Type	FP BOX 10P
GTIN (EAN)	4032248636662
Qty.	1 pc(s).

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www.weidmueller.com**Technical data****Dimensions and weights**

Depth	67 mm	Depth (inches)	2.638 inch
Height	181 mm	Height (inches)	7.126 inch
Width	192 mm	Width (inches)	7.559 inch
Net weight	950 g		

Temperatures

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

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 ²
	Conductor connection cross-section, solid, min.	1.5 mm ²
	Conductor connection cross-section, stranded, max.	6 mm ²
	Conductor connection cross-section, stranded, min.	2.5 mm ²
	Conductor connection cross-section, finely stranded, max.	6 mm ²
	Conductor connection cross-section, finely stranded, min.	2.5 mm ²
	Conductor connection cross-section, finest stranded, max.	6 mm ²
	Conductor connection cross-section, finest stranded, min.	2.5 mm ²

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Technical data

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 mm
	Number of poles		5
	Conductor connection cross-section, solid, max.		6 mm ²
	Conductor connection cross-section, solid, min.		0.5 mm ²
	Conductor connection cross-section, stranded, max.		6 mm ²
	Conductor connection cross-section, stranded, min.		0.5 mm ²
	Conductor connection cross-section, finely stranded, max.		10 mm ²
	Conductor connection cross-section, finely stranded, min.		0.5 mm ²
	Conductor connection cross-section, finest stranded, max.		6 mm ²
	Conductor connection cross-section, finest stranded, min.		0.5 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
		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

General data

Material	Polycarbonate, glass fibre reinforced	Enclosure material	glass-fibre reinforced polycarbonate
Silicone	No	Colour	black
Protection degree	IP65	UL 94 flammability rating	5VA
Torque for lid screws	2 Nm	Type of mounting	Screw mounting
Can be coded	Yes, Coded on PE	Number of poles	2 x 5
Number of connections / pole	1		

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Technical data

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 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
Standards	UL 2237	

Classifications

ETIM 6.0	EC000214	ETIM 7.0	EC000214
ETIM 8.0	EC000214	ETIM 9.0	EC000214
ECLASS 9.0	27-14-24-09	ECLASS 9.1	27-14-24-09
ECLASS 10.0	27-14-24-09	ECLASS 11.0	27-14-24-09
ECLASS 12.0	27-14-24-09	ECLASS 13.0	27-14-24-09

Environmental Product Compliance

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UL)	E310075

Downloads

Approval/Certificate/Document of Conformity	UL Certificate FieldPower® Box and accessories Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants
Engineering Data	CAD data – STEP
Product Change Notification	Produktänderungsmitteilung FieldPower® Box Schrauben Product Change Notification FieldPower® box screws
User Documentation	Manual FieldPower® Box
Catalogues	Catalogues in PDF-format

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Drawings

Drilling template

