

FP BOX DC**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

Order No.	1440920000
Type	FP BOX DC
GTIN (EAN)	4050118247084
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	67 mm	Depth (inches)	2.638 inch
Height	181 mm	Height (inches)	7.126 inch
Width	104 mm	Width (inches)	4.094 inch
Net weight	542.9 g		

Temperatures

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

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3	SCIP	5f19cd84-8946-4797-9386-3ac323b
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Clamping capacity, IDC connection - PT6

Blade size	0.6 x 3.5 mm	Connection cross-section, finely stranded, max.	6 mm ²
Connection cross-section, finely stranded, min.	2.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	2.5 mm ²	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section, finely stranded, min.	2.5 mm ²	Wire cross-section, solid, max.	6 mm ²

Clamping capacity, PUSH IN connection - PT6

Blade size	0.6 x 3.5 mm	Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/4, rated connection, max.	6 mm ²
Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm ²	Cross-section for connected wire, PUSH IN connection, solid, max.	6 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	6 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	4 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm ²	Cross-section for connected wire, flexible, PUSH IN connection, max.	10 mm ²
Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²	Finely-stranded flexible, max. PUSH IN connection	6 mm ²
Finely-stranded flexible, min. PUSH IN connection	0.5 mm ²	Stripping length, PUSH IN connection	14 mm
Wire connection cross section, stranded, PUSH IN connection, max.	6 mm ²	Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm ²

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Technical data

General information #96 connectors

Can be coded	Yes, Coded on PE	Number of connections / pole	1
Type of mounting	Screw mounting	UL 94 flammability rating	5VA
Wire connection method	IDC terminal, PUSH IN	lockable	No

General data

Can be coded	Yes, Coded on PE	Material	Polycarbonate, glass fibre reinforced
Protection degree	IP65	Silicone	No
Insulating material	Polycarbonate	UL 94 flammability rating	5VA

Dimensions of box

Height	181 mm	Width	104 mm
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Rated data acc. to IEC

Rated cross-section	6 mm ²	Rated current	25 A
Rated impulse withstand voltage	8 kV	Rated voltage	800 V
Standards	DIN EN 60947-7-1, DIN EN 60947-7-2		

Rated data acc. to UL

Standards	DIN EN 60947-7-1, DIN EN 60947-7-2
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Classifications

ETIM 6.0	EC000214	ETIM 7.0	EC000214
ETIM 8.0	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

Approvals

Approvals



ROHS

Conform

Downloads

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

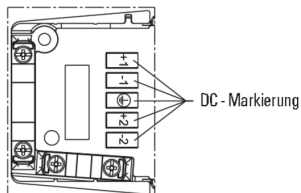
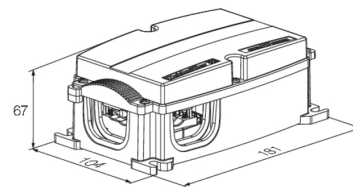
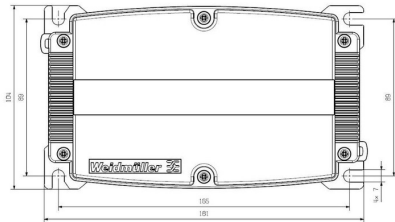
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Drawings

Drilling template



Mouser Electronics

Authorized Distributor

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