

FP BOX ON/OFF**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.	1003260000
Type	FP BOX ON/OFF
GTIN (EAN)	4032248698967
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	164 mm	Depth (inches)	6.457 inch
Height	181 mm	Height (inches)	7.126 inch
Width	104 mm	Width (inches)	4.094 inch
Net weight	901.69 g		

Temperatures

Storage temperature	-40 °C...55 °C	Operating temperature	-40 °C...45 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3	SCIP	7645f3b1-6db9-495d-9e21- ab1d894aff05
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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
Wire cross-section, solid, min.	1.5 mm ²		

Clamping capacity, PUSH IN connection - PT6

Blade size	0.6 x 3.5 mm	Blade size, PUSH IN connection	0.6 x 3.5 mm
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, 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.	6 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.	6 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, Wall mounting	UL 94 flammability rating	5VA
lockable	No		

General data

Can be coded	Yes, Coded on PE	Material	Polycarbonate, glass fibre reinforced
Protection degree	IP65	Silicone	No
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	41 A
Rated impulse withstand voltage	8 kV	Rated voltage	690 V
Standards	UL 508, DIN EN 60947-7-1, DIN EN 60947-7-2		

Rated data acc. to UL

Rated current (Use group D / UL 1059)	16 A	Rated voltage (Use group D / UL 1059)	600 V
Standards	UL 508, DIN EN 60947-7-1, DIN EN 60947-7-2	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 18		

Technical data Switch

Clamping range, plug, max.	10 mm ²	Clamping range, plug, min.	0.75 mm ²
Operating voltage	440 V	Pollution severity	3
Power rating AC-23A	7.5 kW	Rated current AC-23A	16 A
Rated short-term current resistance I _{CW}	500 A rms for 1 Second	Switch according to standard	IEC 60947-3
Switch type	ABB OT16FT3	Terminals - torque	0.8 Nm
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 18
auxiliary contact	ABB OA1G10		

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

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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E318973

Downloads

Approval/Certificate/Document of Conformity	UL Certificate FieldPower® Box ON/OFF Manufacturer's Declaration FieldPower® ON/OFF variants
Engineering Data	CAD data – STEP Application notes – Application note FieldPower® Box ON/OFF Application notes – Applikationshinweis FieldPower® Box ON/OFF
Engineering Data	WSCAD
Product Change Notification	Produktänderungsmitteilung FieldPower® Box Schrauben Product Change Notification FieldPower® box screws
User Documentation	Datasheet FieldPower® ON/OFF Manual FieldPower® Box BPZL UL PowerBox
Catalogues	Catalogues in PDF-format

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Drawings

