

FP Box ON/OFF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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. For cable seals consult accessories

General ordering data

Type	FP Box ON/OFF
Order No.	1003260000
Version	FieldPower® Box, IP 65, Polycarbonate, GF 10, with ABB maintenance switch
GTIN (EAN)	4032248698967
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	181 mm	Width	104 mm
Height	164 mm	Net weight	901.69 g

Temperatures

Operating temperature	-40 °C...+45 °C	Storage temperature	-40 °C...+80 °C
Temperature range, installation, min.	10 °C	Temperature range, installation, max.	40 °C

Clamping capacity, Push-In connection, distribution

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		

IDC connection clamping capacity, power cable

Blade size	0.6 x 3.5 mm	Finely stranded, max. (rated connection)	6 mm ²
Finely stranded, min. (rated connection)	2.5 mm ²	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section, stranded, rated connection, max.	6 mm ²	Wire connection cross section, stranded, rated connection, min.	2.5 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		

General information #96 connectors

Can be coded	Yes, Coded on PE	UL 94 flammability rating	5VA
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Technical data

General data

Can be coded	Yes, Coded on PE	Material colour	Black
Protection degree	IP 65	Silicone	No
Insulating material	Polycarbonate, GF 10	Halogen	No
UL 94 flammability rating	5VA		

Dimensions of box

Height	164 mm	Length	181 mm
Width	104 mm		

Rated data acc. to IEC

Rated cross-section	6 mm ²	Rated current	41 A
Rated impulse withstand voltage	8 kV	Rated voltage	800 V
Standards	UL 508, IEC 60947-7-1		

Rated data acc. to UL

Rated current (use group D)	16 A	Rated voltage (use group D)	600 V
Standards	UL 508, IEC 60947-7-1	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	Plug standards	IEC 60947-3
Pollution severity	3	Power rating AC-23A	7.5 kW
Rated current AC-23A	16 A	Switch type	ABB OT16ET3
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 3.0	EC000214	UNSPSC	30-21-18-01
eClass 6.2	27-37-14-03	eClass 7.1	27-37-14-03

Data sheet

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Drawings

