

FP BOX ON/OFF16A FUSE R**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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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.	8000028513
Type	FP BOX ON/OFF16A FUSE R
GTIN (EAN)	4050118505368
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	165 mm	Depth (inches)	6.496 inch
Height	181 mm	Height (inches)	7.126 inch
Width	192 mm	Width (inches)	7.559 inch
Net weight	2,180 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-25 °C...+45 °C
Operating temperature	-25 °C...45 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3	SCIP	168ee7dd-9cf5-425b- beb2-b6a66aa9e289
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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	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.	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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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Technical data

General information #96 connectors

Can be coded	Yes, Coded on PE	Cartridge fuse	www.weidmueller.com 10 x 38 mm
Failure indicator	Red LED	Number of connections / pole	1
Type of mounting	Screw 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	192 mm
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Rated data acc. to IEC

Rated current	41 A	Rated impulse withstand voltage	6 kV
Rated voltage	36 V	Standards	DIN EN 60947-7-1, DIN EN 60947-7-2, DIN EN 60947-7-3

Rated data acc. to UL

Rated current of bifurcation	16 A	Standards	DIN EN 60947-7-1, DIN EN 60947-7-2, DIN EN 60947-7-3
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
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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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity

[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](#)

User Documentation

[Manual FieldPower® Box](#)

[Manual FieldPower® Box ON/OFF 16A FUSE R](#)

Catalogues

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Drawings

