

FP Box

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
Order No.	1957580000
Version	FieldPower® Box, IP 65, Polycarbonate, GF 10, AC Box
GTIN (EAN)	4032248636655
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	181 mm	Width	104 mm
Height	67 mm	Net weight	542.93 g

Temperatures

Operating temperature	-40 °C...55 °C	Storage temperature	-40 °C...85 °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	Connection 2	PTDS4 plug, PTS4 plug
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	67 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 2237, IEC 60947-7-1		

Rated data acc. to UL

Rated current (use group D)	30 A	Rated voltage (use group D)	600 V
Standards	UL 2237, IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 14		

Technical data Switch

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 14
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Classifications

ETIM 3.0	EC000214	UNSPSC	43-17-27-02
eClass 5.1	27-14-24-04	eClass 6.2	27-14-24-09
eClass 7.1	27-14-24-09		

Downloads

Manufacturer's declaration	FieldPower.pdf
	3-D model

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Drawings

