

**FP BOX****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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.	<a href="#">1957580000</a>
Type	FP BOX
GTIN (EAN)	4032248636655
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	542.93 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 <sup>2</sup>
Connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	6 mm <sup>2</sup>
Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Wire cross-section, solid, max.	6 mm <sup>2</sup>

**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 <sup>2</sup>	Cross-section for connected wire, PUSH IN connection, solid, max.	6 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	6 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	6 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	6 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm <sup>2</sup>
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	6 mm <sup>2</sup>	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm <sup>2</sup>
Cross-section for connected wire, flexible, PUSH IN connection, max.	10 mm <sup>2</sup>	Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm <sup>2</sup>
Finely-stranded flexible, max. PUSH IN connection	6 mm <sup>2</sup>	Finely-stranded flexible, min. PUSH IN connection	0.5 mm <sup>2</sup>
Stripping length, PUSH IN connection	14 mm	Wire connection cross section, stranded, PUSH IN connection, max.	6 mm <sup>2</sup>
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm <sup>2</sup>		

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## General information #96 connectors

Can be coded	Yes, Coded on PE	Number of connections / poles	2
Type of mounting	Screw mounting	UL 94 flammability rating	5VA
Wire connection method	Insulation displacement connection (IDC), PUSH IN with actuator	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 <sup>2</sup>	Rated current	41 A
Rated impulse withstand voltage	8 kV	Rated voltage	800 V
Standards	UL 2237, DIN EN 60947-7-1, DIN EN 60947-7-2		

## Rated data acc. to UL

Note	For use with UL-listed TC-ER cables	Rated current (Use group D / UL 1059)	30 A
Rated voltage (Use group D / UL 1059)	600 V	Standards	UL 2237, DIN EN 60947-7-1, DIN EN 60947-7-2
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 14

## 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
UL File Number Search	UL Website
Certificate No. (UL)	E310075

**Data sheet**

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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">UL Certificate FieldPower® Box and accessories</a> <a href="#">Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants</a>	<a href="http://www.weidmueller.com">www.weidmueller.com</a>
Engineering Data	<a href="#">CAD data – STEP</a>	
Engineering Data	<a href="#">WSCAD</a>	
Product Change Notification	<a href="#">Product Change Notification FieldPower® box base</a> <a href="#">Produktänderungsmitteilung FieldPower® Box Unterschale</a> <a href="#">Produktänderungsmitteilung FieldPower® Box Schrauben</a> <a href="#">Product Change Notification FieldPower® box screws</a>	
User Documentation	<a href="#">Manual FieldPower® Box</a>	
Catalogues	<a href="#">Catalogues in PDF-format</a>	

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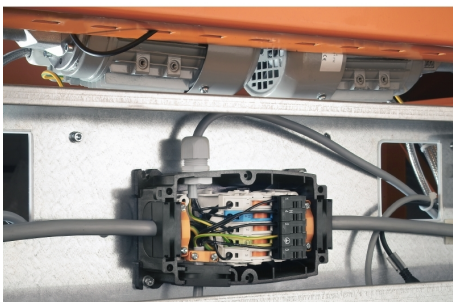
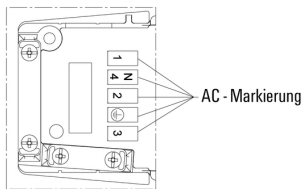
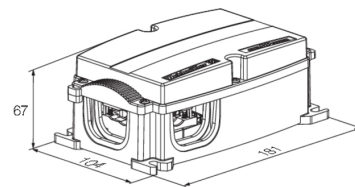
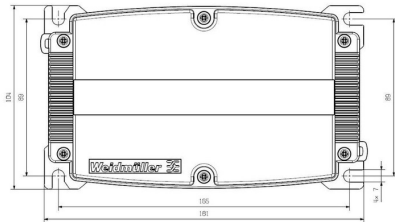
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**Drawings**

**Drilling template**



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