

**FP BOX DC****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**

Version	FieldPower® Box, IP65, Polycarbonate, DC Box
Order No.	<a href="#">1440920000</a>
Type	FP BOX DC
GTIN (EAN)	4050118247084
Qty.	1 pc(s).

Creation date March 23, 2021 11:04:42 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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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
Net weight	542.9 g	Width	104 mm
Width (inches)	4.094 inch		

## 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
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## Clamping capacity, PUSH IN connection, distribution

Blade size	0.6 x 3.5 mm	Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/4, rated connection, max.	6 mm <sup>2</sup>
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, 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.	4 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.	4 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>

## IDC connection clamping capacity, power cable

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>
Wire cross-section, solid, min.	1.5 mm <sup>2</sup>		

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2

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## Technical data

## General information #96 connectors

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

Can be coded	Yes, Coded on PE	Material colour	black
Protection degree	IP65	Silicone-free	Yes
Insulating material	Polycarbonate	Halogen	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	25 A
Rated impulse withstand voltage	8 kV	Rated voltage	36

## Classifications

ETIM 6.0	EC000214	ETIM 7.0	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

## Approvals

Approvals



ROHS Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Herstellererklärung_DE</a> <a href="#">FieldPower</a>
Engineering Data	<a href="#">STEP</a>
Product Change Notification	<a href="#">EN - Technical change to FieldPower@ Power distribution box</a> <a href="#">DE - Technical change to FieldPower@ Power distribution box</a>

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**Drawings**

**Drilling template**

