

**FP BOX****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® power distribution box, AC, IP65, in complete state, glass-fibre reinforced polycarbonate, Insulation displacement connection (IDC), PUSH IN
Order No.	<a href="#">1957580000</a>
Type	FP BOX
GTIN (EAN)	4032248636655
Qty.	1 pièce(s)

Date de création 26 novembre 2024 13:59:40 CET

Niveau du catalogue 26.11.2024 / Toutes modifications techniques réservées

# Fiche de données

## FP BOX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Caractéristiques techniques

### 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
---------------------	----------------	-----------------------	----------------

### Clamping capacity

Connection data - contact element power bus	Wire connection method	Insulation displacement connection (IDC)
	Blade size of operating tool	0.6 x 3.5 mm
Number of poles	5	
Conductor connection cross-section, solid, max.	6 mm <sup>2</sup>	
Conductor connection cross-section, solid, min.	1,5 mm <sup>2</sup>	
Conductor connection cross-section, stranded, max.	6 mm <sup>2</sup>	
Conductor connection cross-section, stranded, min.	2,5 mm <sup>2</sup>	
Conductor connection cross-section, finely stranded, max.	6 mm <sup>2</sup>	
Conductor connection cross-section, finely stranded, min.	2,5 mm <sup>2</sup>	
Conductor connection cross-section, finest stranded, max.	6 mm <sup>2</sup>	
Conductor connection cross-section, finest stranded, min.	2,5 mm <sup>2</sup>	

## FP BOX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Caractéristiques techniques

Connection data - contact element Branch / Feed-in	Wire connection method	PUSH IN		
	Blade size of operating tool	0.6 x 3.5 mm		
	Stripping length	14 mm		
	Number of poles	5		
	Conductor connection cross-section, solid, max.	6 mm <sup>2</sup>		
	Conductor connection cross-section, solid, min.	0,5 mm <sup>2</sup>		
	Conductor connection cross-section, stranded, max.	6 mm <sup>2</sup>		
	Conductor connection cross-section, stranded, min.	0,5 mm <sup>2</sup>		
	Conductor connection cross-section, finely stranded, max.	10 mm <sup>2</sup>		
	Conductor connection cross-section, finely stranded, min.	0,5 mm <sup>2</sup>		
	Conductor connection cross-section, finest stranded, max.	6 mm <sup>2</sup>		
	Conductor connection cross-section, finest stranded, min.	0,5 mm <sup>2</sup>		
	Conductor connection cross-section with wire end ferrule	Type of wire end ferrule	12 mm with plastic collar	
		Standard	DIN 46228/1	
		Cross-section, min.	0,5 mm <sup>2</sup>	
		Cross-section, max.	6 mm <sup>2</sup>	
		Type of wire end ferrule	12 mm with plastic collar	
		Standard	DIN 46228/4	
		Cross-section, min.	0,5 mm <sup>2</sup>	
		Cross-section, max.	6 mm <sup>2</sup>	
Type of wire end ferrule		8 mm with plastic collar		
Standard		DIN 46228/1		
Cross-section, min.		0,5 mm <sup>2</sup>		
Cross-section, max.		6 mm <sup>2</sup>		
Type of wire end ferrule		8 mm with plastic collar		
Standard		DIN 46228/4		
Cross-section, min.		0,5 mm <sup>2</sup>		
Cross-section, max.		6 mm <sup>2</sup>		
Type of wire end ferrule	Twin wire-end ferrules			
Cross-section, min.	0,5 mm <sup>2</sup>			
Cross-section, max.	6 mm <sup>2</sup>			

### General data

Material	Polycarbonate, glass fibre reinforced	Insulating material	Polycarbonate
Enclosure material	glass-fibre reinforced polycarbonate	Silicone	No
Colour	black	Protection degree	IP65, in complete state
UL 94 flammability rating	5VA	Torque for lid screws	2 Nm
Lid attachment	TX20 screws	Type of mounting	Screw mounting, Fixing lugs
Installation advice	Lid screws included	Can be coded	Yes, Coded on PE
Voltage type	AC	Number of poles	5
Number of connections / pole	1	Wire connection method	Insulation displacement connection (IDC), PUSH IN

## FP BOX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

## Rated data acc. to IEC

Rated data acc. to IEC for contact element	Voltage type	AC
	Number of phases	3
	Standard	IEC 60947-7-1, IEC 60947-7-2
	Rated voltage	800 V
	Rated impulse withstand voltage	8 kV
	Rated current (3 loaded poles)	41 A
	Rated current (4 loaded poles)	25 A

## Rated data acc. to UL

Rated data acc. to UL for contact element	Standard	UL 1059
	Note	for use with UL-listed TC-ER cables
	Conductor connection cross-section, AWG, max.	AWG 10
	Conductor connection cross-section, AWG, min.	AWG 14
	Rated voltage	600 V
	Rated current	30 A

Standards UL 2237


## Classifications

ETIM 6.0	EC000214	ETIM 7.0	EC000214
ETIM 8.0	EC000214	ETIM 9.0	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	ECLASS 13.0	27-14-24-09
ECLASS 14.0	27-14-24-09		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	5f19cd84-8946-4797-9386-3ac323b95c10

## Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UL)	E310075

**FP BOX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Caractéristiques techniques****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>
Engineering Data	<a href="#">CAD data – STEP</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> <a href="#">Technical change to FieldPower® (GHDE)</a>
User Documentation	<a href="#">Manual FieldPower® Box</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Fiche de données**

**FP BOX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Dessins**

**Drilling template**

