

**POWERTERMINAL GK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, IP30, in complete state, Polycarbonate, IDC terminal, PUSH IN
Order No.	<a href="#">1111910000</a>
Type	POWERTERMINAL GK
GTIN (EAN)	4032248890453
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Depth	59 mm	Depth (inches)	2.323 inch
Height	157 mm	Height (inches)	6.181 inch
Width	75 mm	Width (inches)	2.953 inch
Net weight	250 g		

### Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
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### 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>

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## Technical data

 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	Insulating material	Polycarbonate
Enclosure material	Polycarbonate	Silicone	No
Colour	Transparent, beige	Protection degree	IP30, in complete state
UL 94 flammability rating	V-0	Lid attachment	plugged
lockable	No	Type of mounting	Screw mounting
Can be coded	Yes, Coded on PE	Number of poles	5
Number of connections / pole	1	Wire connection method	IDC terminal, PUSH IN

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## Technical data

### 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	not UL approved	

### 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

### Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
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### Approvals

ROHS	Conform
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### Downloads

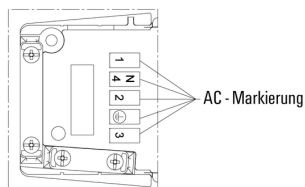
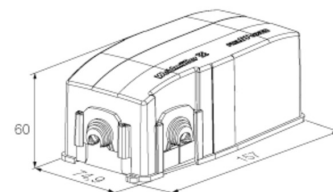
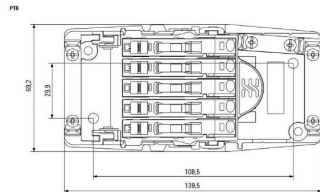
Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Manual FieldPower® Box</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings



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## Accessories

### Plug-in connector



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

### General ordering data

Type	PTS 4	Version
Order No.	<a href="#">1952120000</a>	Field Power® plug-in connector, 3-phase AC, IP20, Polyamide, PUSH
GTIN (EAN)	4032248632909	IN, Number of poles : 5
Qty.	10 pc(s).	

### Seals



### Intelligent cabling solutions can save you valuable time and money.

The FieldPower® modular system contains the right solution for every cabling task.

Foldable seals for the use of pre-assembled cables

Seals available with M16 and M20 connection thread

Integration of operating and signalling devices into the seal possible

### General ordering data

Type	DGSB IP30 D0 PT6	Version
Order No.	<a href="#">1967600000</a>	Field Power® sealing insert, Blank seal, IP30, with corresponding enclosure, TPE-U
GTIN (EAN)	4032248688746	
Qty.	10 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Tools**

Sheathing stripper for PVC cables

**General ordering data**

Type	AM 16	Version
Order No.	<a href="#">9204190000</a>	Tools, Sheathing strippers
GTIN (EAN)	4032248608133	
Qty.	1 pc(s).	
Type	AM 25	Version
Order No.	<a href="#">9001540000</a>	Tools, Sheathing strippers
GTIN (EAN)	4008190138271	
Qty.	1 pc(s).	

**Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265,  
ISO 2380/2, output to DIN 5264, ISO 2380/1.  
ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">2749340000</a>	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
Qty.	1 pc(s).	