

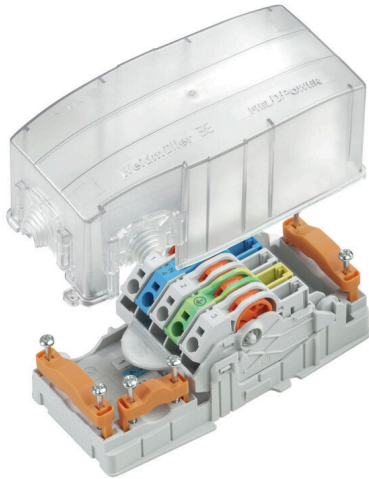
**POWERTERMINAL GK****Weidmüller Interface GmbH & Co. KG**

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, AC, IP30, in complete state, Polycarbonate, IDC terminal, PUSH IN, Distribution
Order No.	<a href="#">1111910000</a>
Type	POWERTERMINAL GK
GTIN (EAN)	4032248890453
Qty.	1 items

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Depth	59 mm	Depth (inches)	2.3228 inch
Height	157 mm	Height (inches)	6.1811 inch
Width	75 mm	Width (inches)	2.9527 inch
Net weight	250 g		

**Temperatures**

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

**Environmental Product Compliance**

RoHS Compliance Status Compliant without exemption  
 REACH SVHC Potassium perfluorobutane sulfonate 29420-49-3

**Clamping capacity**

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	14.00 mm		
	Number of poles	5		
	Conductor connection cross-section, solid, max.	6 mm <sup>2</sup>		
	Conductor connection cross-section, solid, min.	0.50 mm <sup>2</sup>		
	Conductor connection cross-section, stranded, max.	6.00 mm <sup>2</sup>		
	Conductor connection cross-section, stranded, min.	0.50 mm <sup>2</sup>		
	Conductor connection cross-section, finely stranded, max.	10.00 mm <sup>2</sup>		
	Conductor connection cross-section, finely stranded, min.	0.50 mm <sup>2</sup>		
	Conductor connection cross-section, finest stranded, max.	6.00 mm <sup>2</sup>		
	Conductor connection cross-section, finest stranded, min.	0.50 mm <sup>2</sup>		
	Conductor connection cross-section with wire end ferrule	Type of wire end ferrule	12 mm with plastic collar	
		Standard	DIN 46228/4	
		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 46228/4		
Cross-section, min.		0.5 mm <sup>2</sup>		
Cross-section, max.		6 mm <sup>2</sup>		

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		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>
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.	1.50 mm <sup>2</sup>	
	Conductor connection cross-section, stranded, max.	6.00 mm <sup>2</sup>	
	Conductor connection cross-section, stranded, min.	2.50 mm <sup>2</sup>	
	Conductor connection cross-section, finely stranded, max.	6.00 mm <sup>2</sup>	
Conductor connection cross-section, finely stranded, min.	2.50 mm <sup>2</sup>		

**General data**

Basic 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
Function	Distribution	Can be coded	Yes, Coded on PE
Voltage type	AC	Number of poles	5
Number of connections / pole	1	Wire connection method	IDC terminal, PUSH IN

**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 60947-2
	Rated voltage	800 V
	Rated impulse withstand voltage	8.00 kV
	Rated current (3 loaded poles)	41 A
	Rated current (4 loaded poles)	25 A

**Rated data acc. to UL**

Standards	not UL approved	
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

**Classifications**

ETIM 8.0	EC0002 14	ETIM 9.0	EC0002 14
ETIM 10.0	EC0002 14	ECLASS 14.0	27-14-24-09
ECLASS 15.0	27-14-24-09		

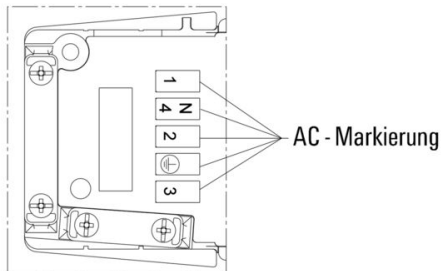
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**Drawings**

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

PTB



## POWERTERMINAL GK

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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 ST		

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

### Slotted screwdriver



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

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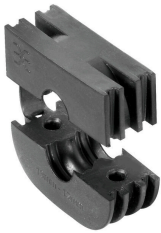
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## Accessories

### 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 thickness (A): 0.6 mm	
GTIN (EAN)	4050118895568		
Qty.	1 ST		

### 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 ST		