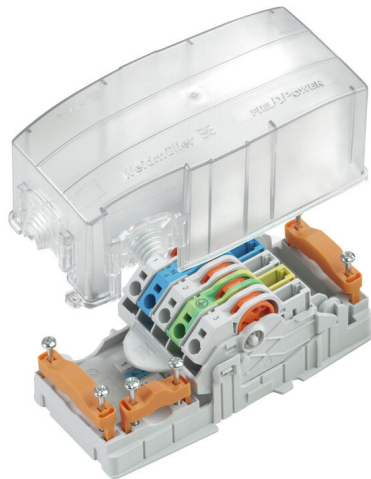


POWERTERMINAL GK**Weidmüller Interface GmbH & Co. KG**

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.	1111910000
Type	POWERTERMINAL GK
GTIN (EAN)	4032248890453
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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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
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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 ²
	Conductor connection cross-section, solid, min.		0.50 mm ²
	Conductor connection cross-section, stranded, max.		6.00 mm ²
	Conductor connection cross-section, stranded, min.		0.50 mm ²
	Conductor connection cross-section, finely stranded, max.		10.00 mm ²
	Conductor connection cross-section, finely stranded, min.		0.50 mm ²
	Conductor connection cross-section, finest stranded, max.		6.00 mm ²
	Conductor connection cross-section, finest stranded, min.		0.50 mm ²
	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 ²
		Cross-section, max.	6 mm ²
		Type of wire end ferrule	12 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm ²
		Cross-section, max.	6 mm ²
		Type of wire end ferrule	8 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm ²
		Cross-section, max.	6 mm ²
		Type of wire end ferrule	8 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm ²

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Technical data

Connection data - contact element power bus		Cross-section, max.	6 mm ²
		Type of wire end ferrule	Twin wire-end ferrules
		Cross-section, min.	0.5 mm ²
		Cross-section, max.	6 mm ²
	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 ²	
	Conductor connection cross-section, solid, min.	1.50 mm ²	
	Conductor connection cross-section, stranded, max.	6.00 mm ²	
	Conductor connection cross-section, stranded, min.	2.50 mm ²	
	Conductor connection cross-section, finely stranded, max.	6.00 mm ²	
	Conductor connection cross-section, finely stranded, min.	2.50 mm ²	

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 60947-7-2
	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	EC000214	ETIM 9.0	EC000214
ETIM 10.0	EC000214	ECLASS 14.0	27-14-24-09
ECLASS 15.0	27-14-24-09		

Drawings

PTB

