

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

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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. For cable seals consult accessories

General ordering data

Type	PowerTerminal GK
Order No.	1111910000
Version	FieldPower® Box, IP30, Polycarbonate, With transparent hood, AC Box
GTIN (EAN)	4032248890453
Qty.	1 pc(s).

PowerTerminal GK

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Length	157 mm	Length (inches)	6.181 inch
Width	75 mm	Width (inches)	2.953 inch
Height	60 mm	Height (inches)	2.362 inch
Net weight	305 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...55 °C	Storage temperature	-40 °C...85 °C
Temperature range, installation, min.	10 °C	Temperature range, installation, max.	40 °C

Clamping capacity, Push-In connection, distribution

Blade size	0.6 x 3.5 mm	Blade size, PUSH IN connection	0.6 x 3.5 mm
Cross-section for connected wire PUSH IN connection, solid, min.	0.5 mm ²	Cross-section for connected wire, PUSH IN connection, solid, max.	6 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	6 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	6 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.	6 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.	0.5 mm ²
Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.	6 mm ²	Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.	0.5 mm ²
Cross-section for connected wire, flexible, PUSH IN connection, max.	10 mm ²	Cross-section for connected wire, flexible, PUSH IN connection, min.	0.5 mm ²
Finely-stranded flexible, max. PUSH IN connection	6 mm ²	Finely-stranded flexible, min. PUSH IN connection	0.5 mm ²
Stripping length, PUSH IN connection	14 mm	Wire connection cross section, stranded, PUSH IN connection, max.	6 mm ²
Wire connection cross section, stranded, PUSH IN connection, min.	0.5 mm ²		

IDC connection clamping capacity, power cable

Blade size	0.6 x 3.5 mm	Connection cross-section, finely stranded, max.	6 mm ²
Connection cross-section, finely stranded, min.	2.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	2.5 mm ²	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross-section, finely stranded, min.	2.5 mm ²	Wire cross-section, solid, max.	6 mm ²
Wire cross-section, solid, min.	1.5 mm ²		

General information #96 connectors

Can be coded	Yes, Coded on PE	UL 94 flammability rating	V-0
--------------	------------------	---------------------------	-----

PowerTerminal GK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data

General data

Can be coded	Yes, Coded on PE	Connection 2	PTS4 plug, PTDS4 plug
Material colour	Transparent	Protection degree	IP30
Silicone	No	Insulating material	Polycarbonate
Halogen	No	UL 94 flammability rating	V-0

Dimensions of box

Height	60 mm	Length	157 mm
Width	75 mm		

Rated data acc. to IEC

Rated cross-section	6 mm ²	Rated current	41 A
Rated impulse withstand voltage	8 kV	Rated voltage	800 V
Standards	IEC 60947-7-1		

Rated data acc. to UL

Standards	IEC 60947-7-1
-----------	---------------

Classifications

ETIM 3.0	EC000214	ETIM 4.0	EC000214
ETIM 5.0	EC000214	ETIM 6.0	EC000214
eClass 6.2	27-14-24-09	eClass 7.1	27-14-24-09
eClass 8.1	27-14-24-09	eClass 9.0	27-14-24-09
eClass 9.1	27-14-24-09		

Approvals

ROHS	Conform
------	---------

Downloads

Approval/Certificate/Document of Conformity	Herstellereklärung_DE FieldPower
Engineering Data	WSCAD

PowerTerminal GK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories**Plug-in connector**

Extensive range of accessories for the FieldPower® boxes.
Cable seals, plug-in connectors, locking elements and much more.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PTS 4	1952120000	FieldPower®, Plug-in connector, PUSH IN, 0.5 mm ² - 4 mm ² , No. of poles: 5	4032248632909	10 pc(s).