

WPD 530 5X50/5X50 3XGY/1XBL/1XGN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option. Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.

General ordering data

Version	Potential distributor terminal, Screw connection, Light Grey, 50 mm ² , 150 A, 1000 V, Number of connections: 10, Number of levels: 1
Order No.	2935040000
Type	WPD 530 5X50/5X50 3XGY/1XBL/1XGN
GTIN (EAN)	4099986684492
Qty.	24 items

WPD 530 5X50/5X50 3XGY/1XBL/1XGN

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

www.weidmueller.com

Technical data

Approvals

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

Dimensions and weights

Depth	45 mm	Depth (inches)	1.7716 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	56.6 mm	Width (inches)	2.2283 inch
Net weight	193 g		

Temperatures

Ambient temperature	-50 °C...75 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	6
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	PE function	No

Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on
--------------------------	----	------------------	---------

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 1/0	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	10	Wire connection cross section AWG, min.	AWG 10
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²	Wire connection cross-section, finely stranded, max.	50 mm ²
Connection cross-section, stranded, max.	50 mm ²	Wire connection cross-section, solid core, max.	50 mm ²

General

Number of poles	3	Wire connection cross section AWG, max.	AWG 1/0
Wire connection cross section AWG, min.	AWG 10	Standards	IEC 60947-7-1, UL 1059
Mounting rail	TS 35		

WPD 530 5X50/5X50 3XGY/1XBL/1XGN
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com
Technical data
Rating data

Rated cross-section	50 mm ²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	150 A	Current at maximum wires	150 A
Standards	IEC 60947-7-1, UL 1059	Volume resistance	0.21 mΩ
Surge voltage category	III	Pollution severity	3

Classifications

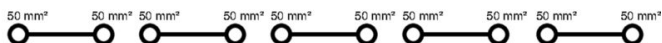
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

WPD 530 5X50/5X50 3XGY/1XBL/1XGN

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

www.weidmueller.com

Drawings



Conductor connection data according to IEC 60947-7-1 (Cu)

Input (x1) / Output (x1)	Copper		Aluminum	
				
50 mm ²	10 Nm		14 Nm	14 Nm
35 mm ²		10 Nm		
25 mm ²	8 Nm	8 Nm	12 Nm	10 Nm
16 mm ²			10 Nm	
10 mm ²	6 Nm	6 Nm		
6 mm ²				
4 mm ²				
2.5 mm ²				
max. current with 2x50 mm ² (acc. to IEC)	300 A		270 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

			
Stranded	Solid	Flexible with ferrule	Sector shaped

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped