

**W-Series**  
**WPD 130 1X50/1X50 GY****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Type	WPD 130 1X50/1X50 GY
Order No.	<a href="#">2502530000</a>
Version	W-Series, Distribution block, Rated cross-section: 50 mm <sup>2</sup> , Terminal rail / mounting plate
GTIN (EAN)	4050118516258
Qty.	9 pc(s).

**W-Series**  
**WPD 130 1X50/1X50 GY**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com

**Technical data****Dimensions and weights**

Width	20 mm	Width (inches)	0.787 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	45 mm	Depth (inches)	1.772 inch
Net weight	39 g		

**Temperatures**

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

**Material data**

Material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

**System specifications**

Version		Tightening torque (clamping screw for aluminium conductors)	10 Nm (16 mm <sup>2</sup> ) / 12 Nm (25 mm <sup>2</sup> ) / 14 Nm (35 mm <sup>2</sup> ) / 14 Nm (50 mm <sup>2</sup> )
	Screw connection	End cover plate required	No
Tightening torque (clamping screw for copper conductors)	6 Nm (4 mm <sup>2</sup> ) / 8 Nm (16 mm <sup>2</sup> ) / 10 Nm (35 mm <sup>2</sup> ) / 10 Nm (50 mm <sup>2</sup> )	Number of levels	1
Number of potentials	1	Levels cross-connected internally	No
No. of clamping points per level	2		
Mounting rail	TS 35		

**Additional technical data**

Installation advice	Terminal rail / mounting plate	Type of mounting	Snap-on
---------------------	--------------------------------	------------------	---------

**Rating data**

Rated cross-section	50 mm <sup>2</sup>	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Standards	IEC 60947-7-1, UL 1059, CSA	Rated impulse withstand voltage	8 kV
Pollution severity	3	Surge voltage category	III

**UL rating data**

Certificate No. (UR)	E60693	Certificate No. (cURus)	E60693
Current size B (UR)	90 A	Current size C (UR)	90 A
Voltage size B (UR)	600 V	Voltage size C (UR)	600 V
Wire cross section max. (UR)	4 AWG	Wire cross section min. (UR)	14 AWG

**Classifications**

ETIM 5.0	EC001329	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.1	27-14-11-20

**Data sheet**

**W-Series**  
**WPD 130 1X50/1X50 GY**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com

**Technical data**

**Product information**

Product information	You will find additional information in the downloadsection of the onlinecatalogue
Descriptive text technical data	Rated current with Cu conductors: 150 A

**Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CE declaration</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Additional Datasheet</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
---------------	------------------------------------

**Data sheet**

**W-Series**  
**WPD 130 1X50/1X50 GY**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**



## Technical data

### Inputs

Number of connections

Solid

Stranded

Flexible with ferrule

Ribbon cable

Torque

Clamping screw

Stripping length

### Outputs

Number of connections

Solid

Stranded

Flexible with ferrule

Torque

Clamping screw

Stripping length

Poles

### Note

IEC 60947-7-1, UL 1059, CSA

top	mid./left	mid./mid.	mid./right	bottom
-----	-----------	-----------	------------	--------

1

6...10mm<sup>2</sup>

10...50mm<sup>2</sup>

4...35mm<sup>2</sup>

10Nm

M 10

16mm

top	mid./left	mid./mid.	mid./right	bottom
-----	-----------	-----------	------------	--------

1

6...10mm<sup>2</sup>

10...50mm<sup>2</sup>

4...35mm<sup>2</sup>

10Nm

M 10

16mm

1

Rated current with Cu conductors: 150 A