

W-Series
WPD 130 1X50/1X50 BL

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

Product image



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 BL
Order No.	2502540000
Version	W-Series, Distribution block, Rated cross-section: 50 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516265
Qty.	9 pc(s).

W-Series
WPD 130 1X50/1X50 BL

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**

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

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

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

Additional technical data

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

Rating data

Rated cross-section	50 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	120 A	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. (cURus)	E60693
-------------------------	--------

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 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Product information	You will find additional information in the downloadsection of the onlinecatalogue
---------------------	--

Creation date May 27, 2019 2:01:38 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

2

Data sheet**W-Series**
WPD 130 1X50/1X50 BL**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****Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[CE declaration](#)

Engineering Data

[STEP](#)

User Documentation

[Additional Datasheet](#)**Safety note**

Safety notice

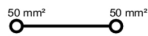
[Safety Information](#)

Data sheet

W-Series
WPD 130 1X50/1X50 BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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...10mm²

10...50mm²

4...35mm²

10Nm

M 10

16mm

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

1

6...10mm²

10...50mm²

4...35mm²

10Nm

M 10

16mm

1

Rated current with Cu conductors: 150 A