

**WPD 130 1X50/1X50 BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

**General ordering data**

Version	W-Series, Distribution block, Rated cross-section: 50 mm <sup>2</sup> , Terminal rail / mounting plate
Order No.	<a href="#">2502570000</a>
Type	WPD 130 1X50/1X50 BK
GTIN (EAN)	4050118516296
Qty.	9 pc(s).

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## Technical data

## Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	70 mm	Height (inches)	2.756 inch
Net weight	39 g	Width	22 mm
Width (inches)	0.866 inch		

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120		

## Material data

Material	Wemid	Colour	black
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX18ATEX0016U	Certificate No. (IECEX)	IECEXNEX18.0010U
Max. voltage (ATEX)	880 V	Current (ATEX)	150 A
Wire cross section max. (ATEX)	50 mm <sup>2</sup>	Max. voltage (IECEX)	880 V
Current (IECEX)	150 A		

## System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No

## Additional technical data

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

Installation advice	Terminal rail / mounting plate	Number of poles	1
Standards	IEC 60947-7-1, UL 1059, CSA		

## Rating data

Power loss in accordance with IEC 60947-7-x	4.8 W	Rated cross-section	50 mm <sup>2</sup>
Rated voltage	1,000	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	Volume resistance according to IEC 60947-7-x	0.21 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

## UL rating data

Certificate No. (cURus)	E60693
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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

## Important note

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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">CB Certificate</a> <a href="#">FIMKO certificate</a> <a href="#">EAC EX Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">CE declaration</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN</a>
User Documentation	<a href="#">DATA SHEET WPD 130</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI WPD 130</a>

**Data sheet**

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**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
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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