

WPD 230 2X50/2X50 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 ² , Terminal rail / mounting plate
Order No.	2502950000
Type	WPD 230 2X50/2X50 BK
GTIN (EAN)	4050118516777
Qty.	5 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	66 g	Width	35.6 mm
Width (inches)	1.402 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 ²	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	4	PE connection	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 ²
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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Technical data**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	CB Certificate FIMKO certificate EAC EX Certificate CCC Ex Certificate CE declaration
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	DATA SHEET WPD 230 StorageConditionsTerminalBlocks NTI WPD 230

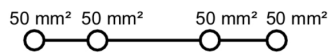
Data sheet

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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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2

6...10mm²

10...50mm²

4...35mm²

10Nm

M 10

16mm

top	mid./left	mid./mid.	mid./right	bottom
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2

6...10mm²

10...50mm²

4...35mm²

10Nm

M 10

16mm

1

Rated current with Cu conductors: 150 A