

W-Series
WPD 230 2X50/2X50 GN**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	WPD 230 2X50/2X50 GN
Order No.	2502600000
Version	W-Series, Distribution block, Rated cross-section: 50 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516425
Qty.	5 pc(s).

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Technical data**Dimensions and weights**

Width	35.6 mm	Width (inches)	1.402 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	45 mm	Depth (inches)	1.772 inch
Net weight	66 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	green
UL 94 flammability rating	V-0		

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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Rating data

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	Power loss in accordance with IEC 60947-7-x	4.8 W
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693
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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		

Product information

Product information	You will find additional information in the downloadsection of the onlinecatalogue
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Data sheet**W-Series
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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	CB Certificate CE declaration
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	Additional Datasheet StorageConditionsTerminalBlocks NTI WPD 230

Safety note

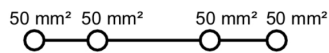
Safety notice	Safety Information
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Drawings



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Accessories

Socket wrench sets

Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.



General ordering data

Type	SK WSD-S 1,5-10,0	Version
Order No.	9008850000	Mounting tool
GTIN (EAN)	4032248266609	
Qty.	1 pc(s).	
Type	SKS 2,0-8,0 MR	Version
Order No.	9008870000	socket wrenches, SW 2.0/2.5/3.0/4.0/5.0/6.0/8.0
GTIN (EAN)	4032248266623	
Qty.	1 pc(s).	

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

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Accessories

Protective cover



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	WPDPC X30 GY	Version
Order No.	2503330000	W-Series, Protection Cover
GTIN (EAN)	4050118533323	
Qty.	54 pc(s).	

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
		2		
		6...10mm ²		
		10...50mm ²		
		4...35mm ²		
		10Nm		
		M 10		
		16mm		
top	mid./left	mid./mid.	mid./right	bottom
		2		
		6...10mm ²		
		10...50mm ²		
		4...35mm ²		
		10Nm		
		M 10		
		16mm		
				1

Rated current with Cu conductors: 150 A