

WPD 130 1X50/1X50 GN**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 mm², Terminal rail / mounting plate
Order No.	2502550000
Type	WPD 130 1X50/1X50 GN
GTIN (EAN)	4050118516272
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
Width	22 mm	Width (inches)	0.866 inch
Net weight	39 g		

Temperatures

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

Material data

Material	Wemid	Colour	green
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	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

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
Power loss in accordance with IEC 60947-7-x	4.8 W	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
ETIM 8.0	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 ATEX Certificate IECEX Certificate CE declaration
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	DATA SHEET WPD 130 StorageConditionsTerminalBlocks NTI WPD 130
Catalogues	Catalogues in PDF-format

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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
		1		
		6...10mm ²		
		10...50mm ²		
		4...35mm ²		
		10Nm		
		M 10		
		16mm		
top	mid./left	mid./mid.	mid./right	bottom
		1		
		6...10mm ²		
		10...50mm ²		
		4...35mm ²		
		10Nm		
		M 10		
		16mm		
1				
Rated current with Cu conductors: 150 A				