

W-Series
WPD 230 2X50/2X50 GY

Weidmüller Interface GmbH & Co. KG
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**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 230 2X50/2X50 GY
Order No.	2502580000
Version	W-Series, Distribution block, Rated cross-section: 50 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516401
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

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

System specifications

Version		Tightening torque (clamping screw for aluminium conductors)	10 Nm (16 mm²) / 12 Nm (25 mm²) / 14 Nm (35 mm²) / 14 Nm (50 mm²)
	Screw connection	End cover plate required	No
Tightening torque (clamping screw for copper conductors)	6 Nm (4 mm²) / 8 Nm (16 mm²) / 10 Nm (35 mm²) / 10 Nm (50 mm²)	Number of levels	1
Number of potentials	1	PE connection	No
No. of clamping points per level	4		
Mounting rail	TS 35		

Additional technical data

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

Rated cross-section	50 mm²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
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. (UR)	E60693	Certificate No. (cURus)	E60693
Current size B (UR)	90 A	Current size C (UR)	90 A
Voltage size B (UR)	600 V	Voltage size C (UR)	600 V
Wire cross section max. (UR)	4 AWG	Wire cross section min. (UR)	14 AWG

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 9.1	27-14-11-20

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Technical data

Product information

Product information	You will find additional information in the downloadsection of the onlinecatalogue
Descriptive text technical data	Rated current with Cu conductors: 150 A

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	CE declaration
Engineering Data	STEP
User Documentation	Additional Datasheet

Safety note

Safety notice	Safety Information
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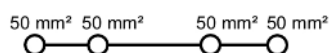
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Drawings



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
		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				