

W-Series
WPD 130 1X50/1X50 BK

Weidmüller Interface GmbH & Co. KG
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Product image**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 130 1X50/1X50 BK
Order No.	2502570000
Version	W-Series, Distribution block, Rated cross-section: 50 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516296
Qty.	9 pc(s).

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Technical data

Dimensions and weights

Width	20 mm	Width (inches)	0.787 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	45 mm	Depth (inches)	1.772 inch
Net weight	39 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	black
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	Levels cross-connected internally	No
No. of clamping points per level	2		

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
Rated current	120 A	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. (cURus)	E60693
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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 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

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

Approvals

Approvals



ROHS

Conform

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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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				