

W-Series
WPD 133 1X300/1X300 GN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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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 133 1X300/1X300 GN
Order No.	2502870000
Version	W-Series, Distribution block, Rated cross-section: 300 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516692
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	45 mm	Width (inches)	1.772 inch
Height	118 mm	Height (inches)	4.646 inch
Depth	83.5 mm	Depth (inches)	3.287 inch
Net weight	338 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	Tightening torque (clamping screw for aluminium conductors)	33.9 Nm (300 mm ²) / 28.2 Nm (185 mm ²)
Tightening torque (clamping screw for copper conductors)	1.2 Nm (10 mm ²) / 45 Nm (300 mm ²)		

Additional technical data

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

Rated cross-section	300 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	520 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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Data sheet**W-Series**
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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[CE declaration](#)

Engineering Data

[STEP](#)

User Documentation

[Additional Datasheet](#)**Safety note**

Safety notice

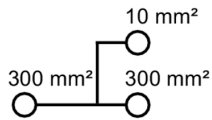
[Safety Information](#)

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
		1		
		150...300mm ²		
		150...300mm ²		
		120...240mm ²		
		45Nm		
		M 24		
		34mm		
top	mid./left	mid./mid.	mid./right	bottom
1		1		
1.5...10mm ²		150...300mm ²		
1.5...10mm ²		150...300mm ²		
1.5...6mm ²		120...240mm ²		
1.2Nm		45Nm		
M 4		M 24		
10mm		34mm		
1				

Rated current with Cu conductors: 520 A