

W-Series
WPD 233 2X300/2X300 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 233 2X300/2X300 GN
Order No.	2502920000
Version	W-Series, Distribution block, Rated cross-section: 300 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516746
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	82.6 mm	Width (inches)	3.252 inch
Height	118 mm	Height (inches)	4.646 inch
Depth	83.5 mm	Depth (inches)	3.287 inch
Net weight	628 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 mm²) / 28.2 Nm (185 mm²)
Tightening torque (clamping screw for copper conductors)	1.2 Nm (10 mm²) / 45 Nm (300 mm²)	End cover plate required	No
Number of potentials	1	Number of levels	1
No. 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	300 mm²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	340 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

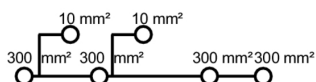
Safety notice

[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
		2		
		150...300mm ²		
		150...300mm ²		
		120...240mm ²		
		45Nm		
		M 24		
		34mm		
top	mid./left	mid./mid.	mid./right	bottom
2		2		
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				