

W-Series
WPD 233 2X300/2X300 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 233 2X300/2X300 GY
Order No.	2502900000
Version	W-Series, Distribution block, Rated cross-section: 300 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516722
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

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	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)	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	4	PE connection	No
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	300 mm ²	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

Product information

Product information	You will find additional information in the downloadsection of the onlinecatalogue
Descriptive text technical data	Rated current with Cu conductors: 520 A

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

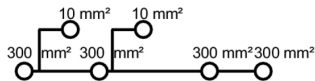
[Safety Information](#)

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
		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