

W-Series
WPD 133 1X300/1X300 GY

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

**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 GY
Order No.	2502850000
Version	W-Series, Distribution block, Rated cross-section: 300 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516678
Qty.	1 pc(s).

W-Series

WPD 133 1X300/1X300 GY

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

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

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

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 mm²) / 28.2 Nm (185 mm²)
Tightening torque (clamping screw for copper conductors)	1.2 Nm (10 mm²) / 45 Nm (300 mm²)	Mounting rail	TS 35

Additional technical data

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

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
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

W-Series WPD 133 1X300/1X300 GY

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

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](#)

W-Series

WPD 133 1X300/1X300 GY

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

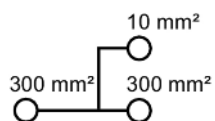
Germany

Fon: +49 5231 1429-0

Fax: +49 5231 14292083

www.weidmueller.com

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				