

**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.	<a href="#">2502850000</a>
Version	W-Series, Distribution block, Rated cross-section: 300 mm <sup>2</sup> , Terminal rail / mounting plate
GTIN (EAN)	4050118516678
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

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 <sup>2</sup> ) / 28.2 Nm (185 mm <sup>2</sup> )
Tightening torque (clamping screw for copper conductors)	1.2 Nm (10 mm <sup>2</sup> ) / 45 Nm (300 mm <sup>2</sup> )	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 <sup>2</sup>	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

**Downloads**Approval/Certificate/Document of  
Conformity[CE declaration](#)

Engineering Data

[STEP](#)

User Documentation

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

Safety notice

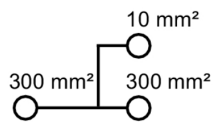
[Safety Information](#)

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

Rated current with Cu conductors: 520 A