

W-Series
WPD 132 1X185/1X185 GN**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**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 132 1X185/1X185 GN
Order No.	2502770000
Version	W-Series, Distribution block, Rated cross-section: 185 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516593
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	37.5 mm	Width (inches)	1.476 inch
Height	105 mm	Height (inches)	4.134 inch
Depth	73.5 mm	Depth (inches)	2.894 inch
Net weight	204 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)	28.2 Nm (185 mm ²) / 22.6 Nm (95 mm ²)
Tightening torque (clamping screw for copper conductors)	1.2 Nm (10 mm ²) / 25 Nm (185 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	185 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	250 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. (UR)	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 9.0	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](#)**Safety note**

Safety notice

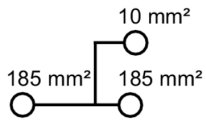
[Safety Information](#)

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		
		95...185mm ²		
		95...185mm ²		
		70...150mm ²		
		25Nm		
		M 18		
		29mm		
top	mid./left	mid./mid.	mid./right	bottom
1		1		
1.5...10mm ²		95...185mm ²		
1.5...10mm ²		95...185mm ²		
1.5...6mm ²		70...150mm ²		
1.2Nm		25Nm		
M 4		M 18		
10mm		29mm		
1				

Rated current with Cu conductors: 353 A