

W-Series
WPD 232 2X185/2X185 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 232 2X185/2X185 GN
Order No.	2502820000
Version	W-Series, Distribution block, Rated cross-section: 185 mm², Terminal rail / mounting plate
GTIN (EAN)	4050118516647
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	67.6 mm	Width (inches)	2.661 inch
Height	105 mm	Height (inches)	4.134 inch
Depth	73.5 mm	Depth (inches)	2.894 inch
Net weight	412 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)	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	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. (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

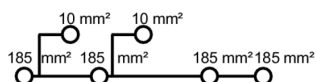
Safety notice

[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
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		2		
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		95...185mm ²		
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		95...185mm ²		
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		70...150mm ²		
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		25Nm		
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		M 18		
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		29mm		
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top	mid./left	mid./mid.	mid./right	bottom
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2		2		
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1.5...10mm ²		95...185mm ²		
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1.5...10mm ²		95...185mm ²		
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1.5...6mm ²		70...150mm ²		
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1.2Nm		25Nm		
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M 4		M 18		
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10mm		29mm		
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1				
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Rated current with Cu conductors: 353 A				
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