

W-Series
WPD 132 1X185/1X185 BK

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 132 1X185/1X185 BK
Order No.	2502790000
Version	W-Series, Distribution block, Rated cross-section: 185 mm ² , Terminal rail / mounting plate
GTIN (EAN)	4050118516616
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	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	28.2 Nm (185 mm²) / 22.6 Nm (95 mm²)
Tightening torque (clamping screw for copper conductors)	1.2 Nm (10 mm²) / 25 Nm (185 mm²)		

Additional technical data

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

Rated cross-section	185 mm²	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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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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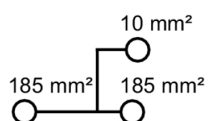
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Drawings



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