

W-Series
WPD 109 1X185/2X35+3X25+4X16 BL**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****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	WPD 109 1X185/2X35+3X25+4X16 BL
Order No.	2519490000
Version	W-Series, Distribution block, Rated cross-section: Terminal rail / mounting plate
GTIN (EAN)	4050118531916
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	51.1 mm	Width (inches)	2.012 inch
Height	95 mm	Height (inches)	3.74 inch
Depth	77 mm	Depth (inches)	3.031 inch
Net weight	455 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	22.59 Nm (25 mm ²) / 5... 11.29 Nm (16 mm ²)
Tightening torque (clamping screw for copper conductors)	19 Nm (185 mm ²) / 2 Nm (25 mm ²) / 2.5 Nm (35 mm ²)		

Additional technical data

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

Certificate number (cCSAus)	70128467
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Rating data

Rated AC voltage	1,000 V AC	Rated DC voltage	1,500 V DC
Rated current	353 A	Current at maximum wires	353 A
Standards	IEC 60947-7-1, UL 1059		

UL rating data

Certificate No. (UR)	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	Power distribution block (Bus Bar) also usable for distribution of neutral conductor and function earth.
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Data sheet**W-Series**
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Approvals



ROHS

Conform

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Conformity[Attestation of Conformity](#)

Engineering Data

[STEP](#)

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

No. of poles

Note

IEC 60947-7-1, UL 1059

top

mid./left

mid./mid.

mid./right

bottom

1

1

95...185mm²

70...185mm²

70...150mm²

24 x 10 mm

19Nm

3Nm

M 14 x 1

M 6 x 30

27mm

22mm

top

mid./left

mid./mid.

mid./right

bottom

3

4

2

2.5...25mm²

1.5...16mm²

4...35mm²

2.5...25mm²

1.5...16mm²

4...35mm²

1.5...16mm²

1.5...16mm²

2.5...25mm²

2Nm

2Nm

2.5Nm

M 6 x 8

M 6 x 8

M 8 x 10

12mm

12mm

18mm

1