

W-Series
WPD 102 2X35/2X25 BK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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Product image**Power distribution**

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

General ordering data

Type	WPD 102 2X35/2X25 BK
Order No.	1561630000
Version	W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate
GTIN (EAN)	4050118384888
Qty.	5 pc(s).

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Technical data
Dimensions and weights

Width	22.2 mm	Width (inches)	0.874 inch
Height	55.4 mm	Height (inches)	2.181 inch
Depth	49.3 mm	Depth (inches)	1.941 inch
Net weight	92 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.	130 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Material	Wemid	Colour	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	8 Nm (35 mm ²) / 4 Nm (25 mm ²)
Tightening torque (clamping screw for copper conductors)	3.5 Nm (35 mm ²) / 2.5 Nm (25 mm ²)	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
N-function	No	PE function	No
PEN function	No		

Additional technical data

Installation advice	Terminal rail / mounting plate	Open sides	closed
Snap-on	Yes	Type of mounting	Snap-on
With snap-in pegs	Yes		

Conductors for clamping (rated connection)

Connection direction	on side	Type of connection	Screw connection
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Rating data

Rated voltage	1,000 V	Rated AC voltage	1,000 V AC
Rated DC voltage	1,000 V DC	Rated current	202 A
Current at maximum wires	202 A	Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2

UL rating data

Certificate No. (cURus)	E60693
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Technical data
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		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1001_20160420_006_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN.WSCAD
Engineering Data	STEP

Safety note

Safety notice	Safety Information
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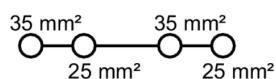
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Drawings



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

No. of poles

Note

IEC 60947-7-1, IEC 61238-1

top	mid./left	mid./mid.	mid./right	bottom
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1

1

4...35mm²

2.5...25mm²

4...35mm²

2.5...25mm²

2.5...25mm²

1.5...16mm²

3.5Nm

2.5Nm

M 8

M 6

22mm

18mm

top	mid./left	mid./mid.	mid./right	bottom
-----	-----------	-----------	------------	--------

1

1

4...35mm²

2.5...25mm²

4...35mm²

2.5...25mm²

2.5...25mm²

1.5...16mm²

3.5Nm

2.5Nm

M 8

M 6

22mm

18mm

1

Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm; 35 mm² = 8.0 Nm