

W-Series
WPD 106 1X70/2X25+3X16 GY

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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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 106 1X70/2X25+3X16 GY
Order No.	1562210000
Version	W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate
GTIN (EAN)	4050118385281
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	39.5 mm	Width (inches)	1.555 inch
Height	74.5 mm	Height (inches)	2.933 inch
Depth	50.4 mm	Depth (inches)	1.984 inch
Net weight	200 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	Light Grey
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	13.6...5.1 Nm (25 mm ²) / 5.1 Nm (25 mm ²)
Tightening torque (clamping screw for copper conductors)	10 Nm (70 mm ²) / 2 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	Yes	PE function	No
PEN function	No		

Additional technical data

Installation advice	Terminal rail / mounting plate	Open sides	closed
Type of mounting	Snap-on		

CSA rating data

Certificate number (cCSAus)	70128467
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Conductors for clamping (rated connection)

Connection direction	on side	Type of connection	Screw connection
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Rating data

Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	192 A	Current at maximum wires	192 A
Standards	IEC 60947-7-1, UL 1059		

UL rating data

Certificate No. (UR)	E60693
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Creation date May 27, 2019 2:00:24 PM CEST

Data sheet

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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.

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1001_20160419_006_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

Safety note

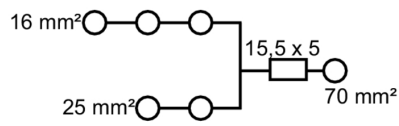
Safety notice [Safety Information](#)

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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, UL 1059

top	mid./left	mid./mid.	mid./right	bottom
		1		1
		10...70mm ²		
		10...70mm ²		
		6...50mm ²		
				15.5 x 5 mm
		10Nm		2Nm
		M 10 x 1		M 5 x 20
		17mm		17mm

top	mid./left	mid./mid.	mid./right	bottom
3				2
1.5...16mm ²				2.5...25mm ²
1.5...16mm ²				2.5...25mm ²
1.5...10mm ²				1.5...16mm ²
2Nm				2Nm
M 6 x 8				M 6 x 8
12mm				12mm

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