

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

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



**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.	<a href="#">1562210000</a>
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	41 mm	Width (inches)	1.614 inch
Height	74.5 mm	Height (inches)	2.933 inch
Depth	50.4 mm	Depth (inches)	1.984 inch
Net weight	200 g		

**Temperatures**

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C
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**Material data**

Material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	880 V	Current (ATEX)	160 A
Wire cross section max. (ATEX)	50 mm <sup>2</sup>	Max. voltage (IECEX)	880 V
Current (IECEX)	160 A	Wire cross section max. (IECEX)	50 mm <sup>2</sup>

**System specifications**

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	13.6...5.1 Nm (25 mm <sup>2</sup> ) / 5.1 Nm (25 mm <sup>2</sup> )
Tightening torque (clamping screw for copper conductors)	10 Nm (70 mm <sup>2</sup> ) / 2 Nm (25 mm <sup>2</sup> )	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
Mounting rail	TS 35	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	160 A
Standards	IEC 60947-7-1, UL 1059		

**Data sheet**

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**Technical data**

**UL rating data**

Certificate No. (UR)	E60693	Current size B (UR)	150 A
Current size C (UR)	150 A	Voltage size B (UR)	600 V
Voltage size C (UR)	600 V	Wire cross section min. (UR)	10 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 9.1	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	<a href="#">DE_PT1001_20160419_006_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>

**Safety note**

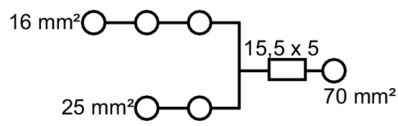
Safety notice [Safety Information](#)

**Data sheet**

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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 <sup>2</sup>		
		10...70mm <sup>2</sup>		
		6...50mm <sup>2</sup>		
				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 <sup>2</sup>				2.5...25mm <sup>2</sup>
1.5...16mm <sup>2</sup>				2.5...25mm <sup>2</sup>
1.5...10mm <sup>2</sup>				1.5...16mm <sup>2</sup>
2Nm				2Nm
M 6 x 8				M 6 x 8
12mm				12mm

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