

**W-Series  
WPD 102 2X35/2X25 GN**

**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 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 GN
Order No.	<a href="#">1561670000</a>
Version	W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate
GTIN (EAN)	4050118366839
Qty.	5 pc(s).

## W-Series

### WPD 102 2X35/2X25 GN

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

## 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
------------	----------------

### Material data

Material	Wemid	Colour	green
UL 94 flammability rating	V-0		

### System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	8 Nm (35 mm <sup>2</sup> ) / 4 Nm (25 mm <sup>2</sup> )
Tightening torque (clamping screw for copper conductors)	3.5 Nm (35 mm <sup>2</sup> ) / 2.5 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
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
----------------------	---------	--------------------	------------------

### 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
-------------------------	--------

**Data sheet**

**W-Series**  
**WPD 102 2X35/2X25 GN**

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

**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	<a href="#">DE_PT1001_20160420_009_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**

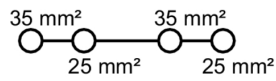
Safety notice [Safety Information](#)

**Data sheet**

**W-Series**  
**WPD 102 2X35/2X25 GN**

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

**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
-----	-----------	-----------	------------	--------

1

1

4...35mm<sup>2</sup>

2.5...25mm<sup>2</sup>

4...35mm<sup>2</sup>

2.5...25mm<sup>2</sup>

2.5...25mm<sup>2</sup>

1.5...16mm<sup>2</sup>

3.5Nm

2.5Nm

M 8

M 6

22mm

18mm

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

1

1

4...35mm<sup>2</sup>

2.5...25mm<sup>2</sup>

4...35mm<sup>2</sup>

2.5...25mm<sup>2</sup>

2.5...25mm<sup>2</sup>

1.5...16mm<sup>2</sup>

3.5Nm

2.5Nm

M 8

M 6

22mm

18mm

1

Aluminium conductor 16 mm<sup>2</sup> = 4.0 Nm; 25 mm<sup>2</sup> = 4.0 Nm; 35 mm<sup>2</sup> = 8.0 Nm