

**WPD 102 2X35/2X25 GN**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

Version	Potential distributor terminal, Screw connection, green, 35 mm <sup>2</sup> , 202 A, 1000 V, Number of connections: 4, Number of levels: 1
Order No.	<a href="#">1561670000</a>
Type	WPD 102 2X35/2X25 GN
GTIN (EAN)	4050118366839
Qty.	5 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

Depth	49.3 mm	Depth (inches)	1.9409 inch
Height	55.4 mm	Height (inches)	2.1811 inch
Width	22.2 mm	Width (inches)	0.874 inch
Net weight	92 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...85 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

## Material data

Basic material	Wemid	Colour	green
UL 94 flammability rating	V-0		

## System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number 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	No
PE function	No	PEN function	No

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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**Technical data**

**Conductors for clamping (rated connection)**

Wire connection cross section AWG, max.	AWG 4	Connection direction	on side
Type of connection	Screw connection	Type of connection	Screw connection
Number of connections	4	Clamping range, max.	35 mm <sup>2</sup>
Clamping range, min.	2.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 14
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	25 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	35 mm <sup>2</sup>
Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	35 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>		

**General**

Number of poles	1	Wire connection cross section AWG, max.	AWG 4
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 14
Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2	Mounting rail	TS 35

**Rating data**

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	202 A	Current at maximum wires	202 A
Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2	Power loss in accordance with IEC 60947-7-x	4.50 W

**UL rating data**

Certificate No. (cURus)	E60693
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**Classifications**

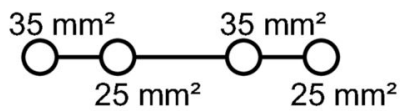
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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## Drawings

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**Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)**

Output (x2) / Output (x2)	Copper	Aluminum	Output (x2) / Output (x2)	Copper	Aluminum
2x35 mm² (round conductor)	3.5 Nm	6 Nm	2x35 mm² (round conductor)	3.5 Nm	6 Nm
35 mm²		6 Nm	25 mm²		6 Nm
25 mm²		6 Nm	18 mm²		4 Nm
18 mm²		4 Nm	10 mm²		4 Nm
10 mm²		4 Nm	8 mm²		4 Nm
8 mm²		4 Nm	4 mm²		2.5 Nm
4 mm²		2.5 Nm	1.5 mm²		1.5 Nm
2.5 mm²		1.5 Nm			
1.5 mm²		1.5 Nm			
Stripping length	22 mm		Stripping length	18 mm	
Screw	M6 (+ PZ2)		Screw	M6 (+ PZ2)	

### Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR) XCFR2.E60693

Input (line)	Line		Load		
	Copper	Aluminum	Copper	Aluminum	Aluminum
AWG 4		70.8 Lb In			
AWG 6		53 Lb In			53 Lb In
AWG 8	31 Lb In	53 Lb In			35 Lb In
AWG 10			22.1 Lb In		
AWG 12					
AWG 14				22.1 Lb In	
AWG 16					
max. current	125 A	115 A	90 A	85 A	65 A
Voltage size B,C (UR)	600 V				

### CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus) XCFR2.E60693

Input (line)	Line		Load		
	Copper	Aluminum	Copper	Aluminum	Aluminum
AWG 4		8 Nm			
AWG 6		6 Nm			6 Nm
AWG 8	3.5 Nm	4 Nm			4 Nm
AWG 10			3.5 Nm		
AWG 12					
AWG 14				3.5 Nm	
AWG 16					
max. current	125 A	85 A	90 A	85 A	65 A
Voltage size B,C (UR)	600 V				

