

**WPD 201 4X25/4X16 GN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**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, Light Grey, 25 mm <sup>2</sup> , 152 A, 1000 V, Number of connections: 8, Number of levels: 1
Order No.	<a href="#">2731240000</a>
Type	WPD 201 4X25/4X16 GN
GTIN (EAN)	4050118809930
Qty.	2 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	49.3 mm	Depth (inches)	1.9409 inch
Height	55.7 mm	Height (inches)	2.1929 inch
Width	43.6 mm	Width (inches)	1.7165 inch
Net weight	71 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	9436182c-fbd0-49e8-bf45-a0deac7233a9

### Material data

Basic material	Wemid	Colour	Light Grey
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	Levels cross-connected internally	Yes
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

### Additional technical data

Snap-on	Yes	Explosion-tested version	Yes
Type of mounting	Snap-on		

### Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	8	Clamping range, max.	35 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 16

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	25 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

### General

Number of poles	1	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 16	Standards	IEC 60947-7-1, UL 1059
Mounting rail	TS 35		

### Rating data

Rated cross-section	25 mm <sup>2</sup>	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	152 A	Current at maximum wires	152 A
Standards	IEC 60947-7-1, UL 1059		

### Classifications

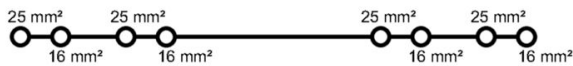
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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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)

ØInput (x2) / Output (x2)	Copper		Aluminum	ØInput (x2) / Output (x2)	Copper		Aluminum
	Stranded	Solid	Flexible with ferrule		Stranded	Solid	Flexible with ferrule
2x25 mm² (round conductor)	3.5 Nm	3.5 Nm	4 Nm	2x16 mm² (round conductor)	2.5 Nm	2.5 Nm	4 Nm
16 mm²				16 mm²			
10 mm²				10 mm²			
6 mm²				6 mm²			
4 mm²				4 mm²			
2.5 mm²				2.5 mm²			
1.5 mm²				1.5 mm²			
Stripping lengths	19 mm			19 mm			
score	M6 (+/- PZ2)			M6 (+/- PZ2)			

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

Input (line)	Line		Load		Voltage size B,C (UR)
	Copper	Aluminum	Copper	Aluminum	
AWG 4		35 Lb In		35 Lb In	600 V
AWG 6					
AWG 8	22.1 Lb In		22.1 Lb In		
AWG 10		22.1 Lb In		22.1 Lb In	
AWG 12					
AWG 14					
AWG 16					
max. current	90 A	90 A	65 A	65 A	50 A
max. current	90 A	90 A	65 A	65 A	50 A

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

Input (line)	Line		Load		Voltage size B,C (UR)
	Copper	Aluminum	Copper	Aluminum	
AWG 4		4 Nm		4 Nm	600 V
AWG 6					
AWG 8	2.5 Nm		2.1 Nm	2.1 Nm	
AWG 10		2.5 Nm		2.1 Nm	
AWG 12					
AWG 14					
AWG 16					
max. current	90 A	90 A	65 A	65 A	50 A
max. current	90 A	90 A	65 A	65 A	50 A

