

WPD 101 2X25/2X16 BL

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, blue, 25 mm ² , 152 A, 1000 V, Number of connections: 4, Number of levels: 1
Order No.	1560670000
Type	WPD 101 2X25/2X16 BL
GTIN (EAN)	4050118365733
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	55.7 mm	Height (inches)	2.1929 inch
Width	17.8 mm	Width (inches)	0.7008 inch
Net weight	68 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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	blue
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	Yes
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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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	4	Clamping range, max.	25 mm ²
Clamping range, min.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²	Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Wire connection cross-section, solid core, max.	25 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²		

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 16
Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2	Mounting rail	TS 35

Rating data

Rated cross-section	25 mm ²	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, IEC 61238-1, VDE 0603-2	Power loss in accordance with IEC 60947-7-x	2.30 W

UL rating data

Certificate No. (cURus)	E60693
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Classifications

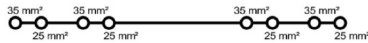
ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-19	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings

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Conductor connection data according to VDE 0100-2 (DIN IEC 60947-2) (DIN IEC 61228-1 Class A (Cu-Al))

Terminal/Conductor	Copper	Aluminum	Terminal/Conductor	Copper	Aluminum
25 mm²	25 mm²	25 mm²	35 mm²	35 mm²	35 mm²
35 mm²	35 mm²	35 mm²	50 mm²	50 mm²	50 mm²
50 mm²	50 mm²	50 mm²	70 mm²	70 mm²	70 mm²
70 mm²	70 mm²	70 mm²	95 mm²	95 mm²	95 mm²
95 mm²	95 mm²	95 mm²	120 mm²	120 mm²	120 mm²
120 mm²	120 mm²	120 mm²	150 mm²	150 mm²	150 mm²
150 mm²	150 mm²	150 mm²	185 mm²	185 mm²	185 mm²
185 mm²	185 mm²	185 mm²	240 mm²	240 mm²	240 mm²
240 mm²	240 mm²	240 mm²	300 mm²	300 mm²	300 mm²
300 mm²	300 mm²	300 mm²	350 mm²	350 mm²	350 mm²
350 mm²	350 mm²	350 mm²	400 mm²	400 mm²	400 mm²
400 mm²	400 mm²	400 mm²	500 mm²	500 mm²	500 mm²
500 mm²	500 mm²	500 mm²	630 mm²	630 mm²	630 mm²
630 mm²	630 mm²	630 mm²	800 mm²	800 mm²	800 mm²
800 mm²	800 mm²	800 mm²	1000 mm²	1000 mm²	1000 mm²

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

Input (line)	Copper		Aluminum		Lead		Aluminum	
	UL 1059	UL 1059	UL 1059	UL 1059	UL 1059	UL 1059	UL 1059	UL 1059
AWG 4								
AWG 6			35 lb/in				35 lb/in	
AWG 8								
AWG 10	22.1 lb/in							
AWG 12			22.1 lb/in				22.1 lb/in	
AWG 14								
AWG 16								
max. current	80 A	80 A	80 A	80 A	80 A	80 A	80 A	80 A
Voltage size B.C. (V)	600 V							

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

Input (line)	Copper		Aluminum		Copper		Aluminum	
	CSA 22.2	CSA 22.2	CSA 22.2	CSA 22.2	CSA 22.2	CSA 22.2	CSA 22.2	CSA 22.2
AWG 4								
AWG 6			4 Nm				4 Nm	
AWG 8								
AWG 10	2.5 Nm							
AWG 12			2.1 Nm				2.1 Nm	
AWG 14								
AWG 16								
max. current	80 A	80 A	80 A	80 A	80 A	80 A	80 A	80 A
Voltage size B.C. (V)	600 V							

