

WPD 100 2X25/6X10 BN**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, brown, 25 mm ² , 101 A, 1000 V, Number of connections: 8, Number of levels: 1
Order No.	281450000
Type	WPD 100 2X25/6X10 BN
GTIN (EAN)	4064675299738
Qty.	3 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	49 mm	Depth (inches)	1.9291 inch
Height	55.4 mm	Height (inches)	2.1811 inch
Width	30.2 mm	Width (inches)	1.189 inch
Net weight	102 g		

Temperatures

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	brown
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

Explosion-tested version	Yes	Type of mounting	Snap-on
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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.	25 mm ²
Clamping range, min.	1.5 mm ²	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 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
Wire connection cross section AWG, min.	AWG 16	Standards	UL 1059, IEC 60947-7-1
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	101 A	Current at maximum wires	101 A
Standards	UL 1059, IEC 60947-7-1		

Classifications

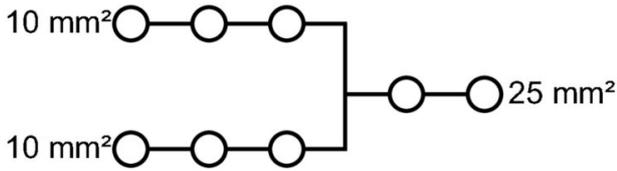
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings

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Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Output (x2)	Copper		Aluminum		Output (x6)	Copper		Aluminum	
	□-□	□-□	□-□	□-□		□-□	□-□	□-□	□-□
2x25 mm²	□-□	□-□	□-□	□-□	6x10 mm²	□-□	□-□	□-□	□-□
25 mm²				8 Nm	10 mm²				
18 mm²					8 mm²				
10 mm²			3 Nm		4 mm²				
6 mm²					2.5 mm²	2 Nm		2 Nm	3 Nm
4 mm²					1.5 mm²				
2.5 mm²									
1.5 mm²									
Stripping lengths	17 mm				9 mm				
Screw	M6 (+/- PZ2)				M6 (+/- PZ2)				

□-□ □-□ □-□ □-□
 Standed Solid Flexible with female

