

WPD 110 1X70+1X35/6X16 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, 70 mm ² , 200 A, 1000 V, Number of connections: 8, Number of levels: 1
Order No.	2814520000
Type	WPD 110 1X70+1X35/6X16 BN
GTIN (EAN)	4064675299769
Qty.	3 pc(s).

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Technical data

Dimensions and weights

Depth	63 mm	Depth (inches)	2.48 inch
Height	69.75 mm	Height (inches)	2.746 inch
Width	38.5 mm	Width (inches)	1.516 inch
Net weight	273.333 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C
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Material data

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	8	Levels cross-connected internally	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Clamping range, max.	70 mm ²	Clamping range, min.	6 mm ²
Connection cross-section, stranded, max.	70 mm ²	Connection direction	on side
Number of connections	8	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 10	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	50 mm ²	Wire connection cross-section, solid core, max.	70 mm ²

General

Number of poles	1	Rail	TS 35
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 10

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Rating data

Rated cross-section	70 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	200 A	Current at maximum wires	200 A
Pollution severity	3	Surge voltage category	III

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		

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	Manual - How to connect aluminum wires in WPD-Terminal blocks Torque_Conductor_Connection_Data_WPD_EN Drehmoment_Leiteranschlussdaten_WPD_DE

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www.weidmueller.com**Accessories****Marker holder**

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	