

AITB 6 BB NDT BL**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

Order No.	2668730000
Type	AITB 6 BB NDT BL
GTIN (EAN)	4064675030393
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	52.9 mm	Depth (inches)	2.083 inch
Height	76.6 mm	Height (inches)	3.016 inch
Width	8.1 mm	Width (inches)	0.319 inch
Net weight	19.502 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	blue
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	1
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Snap-on	Yes
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.34 mm ²	Connection cross-section, stranded, max.	10 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Busbar connection, PUSH IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Rail	TS 35	Standards	In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22

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Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated current	41 A	Current at maximum wires	41 A
Standards	In accordance with IEC 60947-7-1	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
ETIM 8.0	EC001329	ECLASS 9.0	27-14-11-25
ECLASS 9.1	27-14-11-25	ECLASS 10.0	27-14-11-25
ECLASS 11.0	27-14-11-25	ECLASS 12.0	27-14-11-25

Approvals

Approvals



Downloads

Approval/Certificate/Document of Conformity	CB Testreport CE Declaration of Conformity UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
Tender specification	Ausschreibungstext AITB 6 BB NDT BL
User Documentation	BPZL A-INSTA 1-tier
Catalogues	Catalogues in PDF-format

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Drawings

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