AITB 2.5 BB 2C

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.	2668660000
Type	AITB 2.5 BB 2C
GTIN (EAN)	4064675030652
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	43.6 mm	Depth (inches)	1.717 inch
Height	63.8 mm	Height (inches)	2.512 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	6.802 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	dark beige
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	2
Rail	TS 35	PE function	No
PEN function	No		

Additional technical data

Snap-on	Yes	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0.14 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	2
Stripping length	10 mm	Twin wire-end ferrules, max.	0.75 mm²
Twin wire-end ferrules, min.	0.5 mm²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
Wire connection cross section, finely stranded, max.	2.5 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28

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Rating data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	0.77 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		

Approvals

Approvals

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	STEP
User Documentation	BPZL A-INSTA 1-tier
Catalogues	Catalogues in PDF-format

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Drawings

