

AITB 16 BB 2C PE**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	PE terminal, PUSH IN, Green/yellow, 16 mm ² , 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	2668760000
Type	AITB 16 BB 2C PE
GTIN (EAN)	4064675266242
Qty.	20 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	52.9 mm	Depth (inches)	2.0827 inch
Height	84.6 mm	Height (inches)	3.3307 inch
Width	10 mm	Width (inches)	0.3937 inch
Net weight	44.08 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	1.759 kg CO2 eq.	

Material data

Basic material	Wemid	Colour	Green/yellow
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
Levels cross-connected internally	No	Mounting rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Snap-on	Yes	Type of fixing	TS 35
Explosion-tested version	No	Type of mounting	TS 35

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A6	Wire connection cross section AWG, max.	AWG 4
Connection direction	top	Stripping length	18 mm
Type of connection 2	Busbar connection	Type of connection	PUSH IN
Number of connections	2	Clamping range, max.	16 mm ²

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Clamping range, min.	0.5 mm ²	Blade size	1.0 x 5.5 mm
Wire connection cross section AWG, min.	AWG 18	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 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.	0.5 mm ²	Wire connection cross-section, finely stranded, max.	16 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, max.	16 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Twin wire-end ferrules, max.	6 mm ²
Twin wire-end ferrules, min.	0.75 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²	Connection cross-section, finely stranded (rated connection), min.	0.5 mm ²

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	800 V
Rated voltage to adjoining terminal	800 V	Rated DC voltage	800 V
Standards	IEC 60947-7-2	Volume resistance	0.42 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	0.00 mW
Surge voltage category	III	Pollution severity	3

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

Drawings

