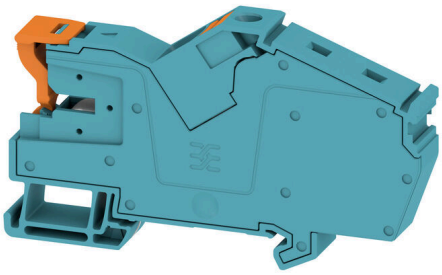
Data sheet

AITB 16 BB NLO 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

Version	Multi level installation terminal block, PUSH IN, blue, 16 mm², 76 A, 1000 V, Number of connections: 2, Number of levels: 1
Order No.	2669140000
Type	AITB 16 BB NLO BL
GTIN (EAN)	4064675266372
Qty.	20 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	52.9 mm	Depth (inches)	2.0827 inch
Height	91.15 mm	Height (inches)	3.5886 inch
Width	12 mm	Width (inches)	0.4724 inch
Net weight	39.02 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	1.069 kg CO2 eq.

Material data

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

System specifications

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

Open sides	closed	Snap-on	Yes
Type of mounting	Snap-on	Locking	screwless

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	PUSH IN	Type of connection	PUSH IN
Number of connections	2	Clamping range, max.	25 mm²
Clamping range, min.	0.5 mm²	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.	16 mm²

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	25 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Connection cross-section, stranded, max.	25 mm²
Connection cross-section, stranded, min.	0.5 mm²	Twin wire-end ferrules, max.	6 mm²
Twin wire-end ferrules, min.	0.75 mm²	Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	16 mm²	Rated voltage	1000 V
Rated DC voltage	1000 V	Nominal current	76 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	2.43 W
Surge voltage category	III	Pollution severity	3

Classifications

ETIM 8.0	EC001329	ETIM 9.0	EC001329
ETIM 10.0	EC001329	ECLASS 14.0	27-25-01-10
ECLASS 15.0	27-25-01-10		

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Drawings

