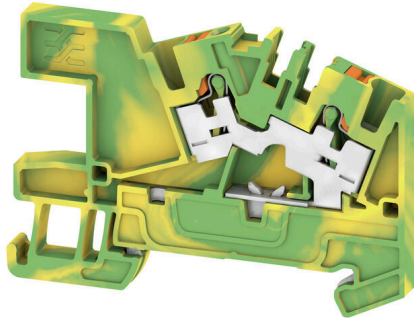


**AITB 2.5 BB 2C PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 2.5 mm <sup>2</sup> , 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	<a href="#">2668680000</a>
Type	AITB 2.5 BB 2C PE
GTIN (EAN)	4064675030348
Qty.	50 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	43.6 mm	Depth (inches)	1.7165 inch
Height	63.8 mm	Height (inches)	2.5118 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	9.86 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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%

## 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

Open sides	right	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	A3
Wire connection cross section AWG, max.	AWG 12
Connection direction	top
Stripping length	10 mm
Type of connection	PUSH IN
Number of connections	2

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## Technical data

Clamping range, max.	4 mm <sup>2</sup>			
Clamping range, min.	0.14 mm <sup>2</sup>			
Blade size	0.6 x 3.5 mm			
Wire connection cross section AWG, min.	AWG 28			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm <sup>2</sup>			
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>			
Connection cross-section, stranded, max.	4 mm <sup>2</sup>			
Connection cross-section, stranded, min.	0.14 mm <sup>2</sup>			
Twin wire-end ferrules, max.	0.75 mm <sup>2</sup>			
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>			
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>			
Wire connection cross-section, solid core, min.	0.14 mm <sup>2</sup>			
Connection cross-section, finely stranded, min.	0.14 mm <sup>2</sup>			
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm	
		max.	8 mm	
	Cross-section for conductor connection	min.	0.14 mm <sup>2</sup>	
		max.	0.34 mm <sup>2</sup>	
	Tube length	min.	6 mm	
		max.	12 mm	
Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>		
	max.	1 mm <sup>2</sup>		
Tube length for twin wire-end ferrule	Tube length	min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>	
		max.	0.75 mm <sup>2</sup>	
	Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	5 mm
		Cross-section for conductor connection	nominal	0.25 mm <sup>2</sup>
Tube length			min.	6 mm
		max.	10 mm	
Cross-section for conductor connection		min.	0.5 mm <sup>2</sup>	
		max.	1 mm <sup>2</sup>	
Tube length	min.	7 mm		
	max.	12 mm		
Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>		
	max.	2.5 mm <sup>2</sup>		

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## Technical data

### General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
Standards	IEC 60947-7-2	Mounting rail	TS 35

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	800 V
Rated voltage to adjoining terminal	800 V	Rated DC voltage	800 V
Standards	IEC 60947-7-2	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
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		

