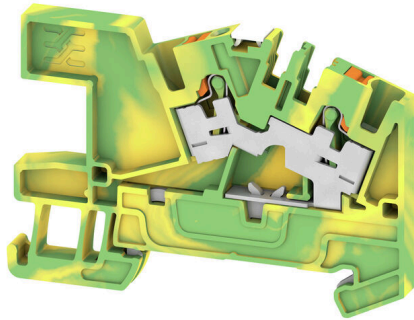


AITB 2.5 BB 2C PE DL**Weidmüller Interface GmbH & Co. KG**

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, 2.5 mm ² , 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	2782430000
Type	AITB 2.5 BB 2C PE DL
GTIN (EAN)	4064675058519
Qty.	50 items

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Technical data

Approvals

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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	11.28 g		

Temperatures

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%

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)

Wire connection cross section AWG, max.	AWG 12
Connection direction	top
Stripping length	10 mm
Type of connection	PUSH IN
Number of connections	2
Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²

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Technical data

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 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.	2.5 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.	4 mm ²			
Wire connection cross section, finely stranded, min.	0.5 mm ²			
Connection cross-section, stranded, max.	4 mm ²			
Connection cross-section, stranded, min.	0.5 mm ²			
Wire connection cross-section, solid core, max.	4 mm ²			
Wire connection cross-section, solid core, min.	0.5 mm ²			
Connection cross-section, finely stranded, min.	0.5 mm ²			
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 ²	
		max.	0.34 mm ²	
	Tube length	min.	6 mm	
		max.	12 mm	
Cross-section for conductor connection	min.	0.5 mm ²		
	max.	1 mm ²		
Tube length for twin wire-end ferrule	Tube length	min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	0.5 mm ²	
		max.	0.75 mm ²	
	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 ²
Tube length		min.	6 mm	
		max.	10 mm	
Cross-section for conductor connection		min.	0.5 mm ²	
		max.	1 mm ²	
Tube length	min.	7 mm		
	max.	12 mm		
Cross-section for conductor connection	min.	1.5 mm ²		
	max.	2.5 mm ²		

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

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Technical data**Rating data**

Rated cross-section	2.5 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 according to IEC 60947-7-x	1.33 mΩ
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

