

AITB 6 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, 6 mm², 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	2668720000
Type	AITB 6 BB 2C PE
GTIN (EAN)	4064675030386
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Depth	52.9 mm	Depth (inches)	2.083 inch
Height	76.6 mm	Height (inches)	3.016 inch
Width	8.1 mm	Width (inches)	0.319 inch
Net weight	23.214 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

Material data

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	Rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.34 mm ²	Connection cross-section, stranded, max.	10 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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 with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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Technical data

General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22

Rating data

Rated cross-section	6 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	0.78 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41
ECLASS 12.0	27-14-11-41	ECLASS 13.0	27-25-01-03
ECLASS 14.0	27-25-01-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Tender specification	Ausschreibungstext AITB 6 BB 2C PE
User Documentation	User Manual A-INSTA 1-tier
Catalogues	Catalogues in PDF-format

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Drawings

