

TR BD AITB RCD W/O TS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Installation wiring poses particular challenges in terms of the design of modular terminal blocks. The solutions need to be both economical and compact. Simple handling and clarity also need to be guaranteed. Installation distribution and small distributors offer little space for wiring. Our modular terminal blocks for building installations meet all requirements.

General ordering data

Version	Multi-tier modular terminal, PUSH IN, 16 mm², 76 A, Number of levels: 3, Miscellaneous, Miscellaneous
Order No.	8000122104
Type	TR BD AITB RCD W/O TS
GTIN (EAN)	4099986844209
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	50.1 mm	Depth (inches)	1.972 inch
Height	104.6 mm	Height (inches)	4.118 inch
Width	157.9 mm	Width (inches)	6.217 inch
Net weight	641.89 g		

Temperatures

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

Material data

Material	Wemid	Colour	Miscellaneous
Colour of operational elements	Miscellaneous	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of levels	3
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	Yes
PE function	Yes	PEN function	Yes

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting, TS 35
Open sides	closed	Type of mounting	Direct mounting, TS 35

Conductors for clamping (additional connection)

Blade size, additional connection	0.6 x 3.5 mm	Stripping length, additional connection	10 mm
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Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.	0.14 mm ²	Connection cross-section, finely stranded, max.	16 mm ²
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	Connection direction	top
Number of connections	98	Stripping length	18 mm
Twin wire-end ferrules, max.	6 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section, finely stranded, max.	16 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.	10 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.	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, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

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Technical data

General

Installation advice	Direct mounting, TS 35	Rail	TS 35
Standards	IEC 60947-7-1, IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 18		

Rating data

Rated cross-section	16 mm ²	Rated current	76 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1, IEC 60947-7-2
Rated voltage (L / L)	400 V	Rated voltage (L / N)	250 V
Rated voltage (L / PE)	250 V	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-02

Downloads

Engineering Data	WMC File 8000122104
User Documentation	8000122104 - TR BD AITB RCD WO TS DE WEB 8000122104 - TR BD AITB RCD WO TS EN WEB
Catalogues	Catalogues in PDF-format