

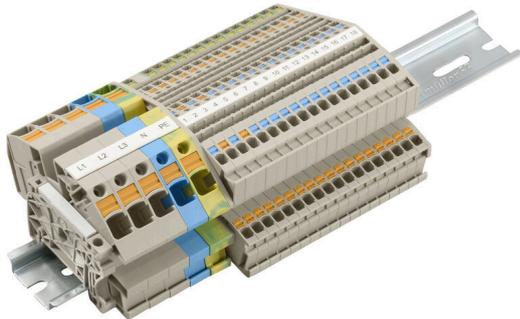
TR BD AITB RCD**Weidmüller Interface GmbH & Co. KG**

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, Miscellaneous, 16 mm ² , Number of connections: 98, Number of levels: 3, TS 35, V-0 |
| Order No. | 8000122103 |
| Type | TR BD AITB RCD |
| GTIN (EAN) | 4099986844193 |
| Qty. | 1 items |

TR BD AITB RCD

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 50.1 mm | Depth (inches) | 1.9724 inch |
| Height | 104.6 mm | Height (inches) | 4.1181 inch |
| Width | 248 mm | Width (inches) | 9.7638 inch |
| Net weight | 673.91 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% |

Material data

| | | | |
|--------------------------------|---------------|---------------------------|---------------|
| Basic 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 |
| Mounting rail | TS 35 | N-function | Yes |
| PE function | Yes | PEN function | Yes |

Additional technical data

| | | | |
|--------------------------|--------|---------------------|-----------------|
| Open sides | closed | Installation advice | Direct mounting |
| Explosion-tested version | No | Type of mounting | Direct mounting |

Conductors for clamping (additional connection)

| | | | |
|-----------------------------------|--------------|--|-------|
| Blade size, additional connection | 0.6 x 3.5 mm | Stripping length , additional connection | 10 mm |
|-----------------------------------|--------------|--|-------|

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|--------------------|
| Wire connection cross section AWG, max. | AWG 4 | Connection direction | top |
| Stripping length | 18 mm | Type of connection | PUSH IN |
| Number of connections | 98 | Clamping range, max. | 16 mm ² |
| Clamping range, min. | 0.14 mm ² | 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. | 10 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 10 mm ² |

TR BD AITB RCD

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

| | | | |
|---|----------------------|--|--------------------|
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm ² | Wire connection cross section, finely stranded, max. | 16 mm ² |
| Wire connection cross section, finely stranded, min. | 0.14 mm ² | Connection cross-section, stranded, max. | 16 mm ² |
| Connection cross-section, stranded, min. | 0.14 mm ² | Twin wire-end ferrules, max. | 6 mm ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | Wire connection cross-section, solid core, max. | 16 mm ² |
| Wire connection cross-section, solid core, min. | 0.14 mm ² | Connection cross-section, finely stranded, max. | 16 mm ² |
| Connection cross-section, finely stranded, min. | 0.14 mm ² | | |

General

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

Rating data

| | | | |
|--------------------------|--------------------|------------------------|------------------------------|
| Rated cross-section | 16 mm ² | Nominal 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 | Surge voltage category | III |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-02 |
| ECLASS 15.0 | 27-25-01-02 | | |