

## Ground modular terminal block - RTO 5-PE-TC - 3049974

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Ground terminal block with bolt connection technology and transparent safety contact hood, cross section: 0.1 - 6 mm², AWG: 26 - 10, width 16.3 mm, color: green-yellow

### Product Features

- ✓ Low contact resistance
- ✓ Corrosion-free terminal points
- ✓ Another labeling option
- ✓ Green-yellow housing



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Minimum order quantity               | 50 1     |
| Weight per Piece (excluding packing) | 35.6 GRM |
| Custom tariff number                 | 85369010 |
| Country of origin                    | China    |

### Technical data

#### General

|                                         |                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------|
| Note                                    | Note: the BE-RT... path extension is to be used for non-insulated cable lugs (see accessories). |
| Number of levels                        | 1                                                                                               |
| Number of connections                   | 2                                                                                               |
| Color                                   | green-yellow                                                                                    |
| Insulating material                     | PA                                                                                              |
| Inflammability class according to UL 94 | V0                                                                                              |
| Maximum load current                    | 41 A (with 6 mm² conductor cross section)                                                       |
| Rated surge voltage                     | 8 kV                                                                                            |
| Pollution degree                        | 3                                                                                               |

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Technical data

#### General

|                                  |               |
|----------------------------------|---------------|
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-2 |
| Open side panel                  | ja            |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 16.3 mm |
| Length           | 66 mm   |
| Height NS 35/7,5 | 51 mm   |
| Height NS 35/15  | 58.5 mm |

#### Connection data

|                                             |                     |
|---------------------------------------------|---------------------|
| Note                                        | Connection bolts    |
| Conductor cross section solid min.          | 0.1 mm <sup>2</sup> |
| Conductor cross section solid max.          | 6 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.      | 26                  |
| Conductor cross section AWG/kcmil max       | 10                  |
| Conductor cross section stranded min.       | 0.1 mm <sup>2</sup> |
| Conductor cross section stranded max.       | 6 mm <sup>2</sup>   |
| Min. AWG conductor cross section, stranded  | 26                  |
| Max. AWG conductor cross section, stranded  | 10                  |
| Min. cross section for cable lug connection | 0.5 mm <sup>2</sup> |
| Max. cross section for cable lug connection | 6 mm <sup>2</sup>   |
| Connection method                           | Bolt connection     |
| Screw thread                                | M5                  |
| Tightening torque, min                      | 2.5 Nm              |
| Tightening torque max                       | 3 Nm                |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 7.0 | 27141141 |
| eCl@ss 8.0 | 27141141 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Approvals

Approvals

ABS / GOST

Ex Approvals

Approvals submitted

#### Approval details

|     |
|-----|
| ABS |
|-----|

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

### Accessories

Accessories

Bridge

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, Number of positions: 10, Color: red

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## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

Plug-in bridge - FBSRH 2-8 - 3033802



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBSRH 3-8 - 3033803



Plug-in bridge, Number of positions: 3, Color: red

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Plug-in bridge - FBSRH 4-8 - 3033804



Plug-in bridge, Number of positions: 4, Color: red

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### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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End cover

End cover - D-RT 3/5 - 3049097



End cover, Length: 65 mm, Width: 2.2 mm, Height: 50.4 mm, Color: gray

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Path extension - BE-RT 3/5 - 3049819



Path extension, Color: gray

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## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

Spacer plate - DP PS-8 - 3036741



Spacer plate, Color: red

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### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

### Labeled terminal marker

Zack marker strip - ZB 16 CUS - 0827463



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16.3 mm, Lettering field: 10.5 x 16.25 mm

Marker for terminal blocks - UC-TM 16 CUS - 0824621



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 15.45 x 10.5 mm

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

Marker for terminal blocks - UCT-TM 16 CUS - 0829637



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 14.8 x 9.6 mm

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Zack marker strip - ZB 16,3 CUS - 0824946



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16.3 mm, Lettering field: 10.5 x 16.25 mm

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### Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

---

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Partition plate

Separating plate - TPNS-UK - 0706647



Separating plate, Length: 80 mm, Width: 2 mm, Height: 70 mm, Color: gray

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### Socket spanner

Tool - SHN 8 - 1209868



Socket wrench, wrench size 8 mm

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### Terminal marking

Zack marker strip - ZB 16:UNPRINTED - 0827461



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 16 x 10.5 mm

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

#### Marker for terminal blocks - UC-TM 16 - 0819217



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 15.45 x 10.5 mm

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#### Marker for terminal blocks - UCT-TM 16 - 0829146



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 14.8 x 9.6 mm

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#### Zack marker strip - ZB 16,3:UNPRINTED - 0820222



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 16.3 mm, Lettering field: 10.5 x 16.25 mm

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#### Test plug terminal block

##### Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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#### Test adapter - PAI-4-N GY - 3032871



Test adapter, Color: gray

## Ground modular terminal block - RTO 5-PE-TC - 3049974

### Accessories

Test adapter - PS-8 - 3031005



Test adapter, Color: red

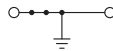
Test adapter - PS-8/2,3MM RD - 3048564



Test adapter, Color: red

### Drawings

Circuit diagram



## Данный компонент на территории Российской Федерации

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