

## Bolt connection terminal block - RWOV 5-TC - 3075074

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Bolt connection terminal block, Connection method: Bolt connection, Load current : 76 A, Cross section: 0.1 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG 26 - 6, Connection direction of the conductor to plug-in direction: 90 °, Width: 16.3 mm, Color: gray

### Product Features

- ✓ Easy grouping with engagement pin versions
- ✓ Both terminal halves can be easily assembled by simply snapping them together
- ✓ Molded versions ensure maximum tightness of seal
- ✓ Spring-loaded spacers protect the bolt connection against loosening
- ✓ Touch-proof insulating housing with transparent cover
- ✓ Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- ✓



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 10 pc    |
| Custom tariff number   | 85369010 |
| Country of origin      | China    |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 1    |
| Number of connections                   | 2    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |
| Rated surge voltage                     | 8 kV |
| Pollution degree                        | 3    |
| Surge voltage category                  | III  |

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## Technical data

### General

|                                  |               |
|----------------------------------|---------------|
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$            | 76 A          |
| Nominal voltage $U_N$            | 1000 V        |
| Open side panel                  | ja            |
| Number of positions              | 1             |

### Dimensions

|                 |               |
|-----------------|---------------|
| Width           | 16.3 mm       |
| Plate thickness | 1 mm ... 6 mm |

### Connection data

|                                       |                         |
|---------------------------------------|-------------------------|
| Note                                  | Connection bolts        |
| Connection side                       | Level 1 above 1 below 1 |
| Connection method                     | Bolt connection         |
| Conductor cross section solid min.    | 0.1 mm <sup>2</sup>     |
| Conductor cross section solid max.    | 16 mm <sup>2</sup>      |
| Conductor cross section flexible min. | 0.1 mm <sup>2</sup>     |
| Conductor cross section flexible max. | 16 mm <sup>2</sup>      |
| Conductor cross section AWG min.      | 26                      |
| Conductor cross section AWG max.      | 6                       |
| Screw thread                          | M5                      |
| Tightening torque, min                | 2.5 Nm                  |
| Tightening torque max                 | 3 Nm                    |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| eCl@ss 4.1 | 27141111 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27141134 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
|----------|----------|

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

#### UNSPSC

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

### Approvals

#### Approvals

#### Approvals

UL Recognized / EAC

#### Ex Approvals

#### Approvals submitted

### Approval details

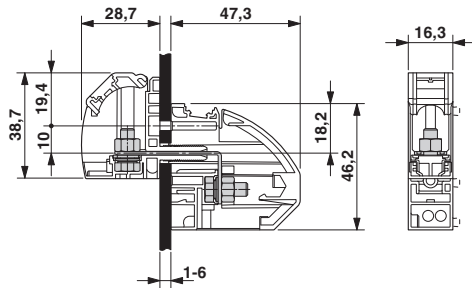
|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | C     |
| Nominal current I <sub>N</sub>                                                                    | 65 A  | 65 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 600 V | 600 V |

|     |
|-----|
| EAC |
|-----|

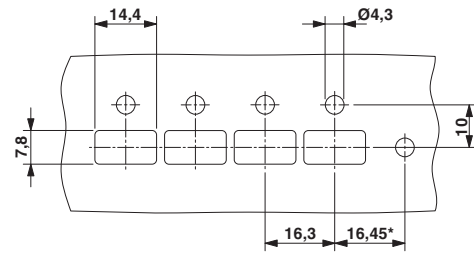
### Drawings

## Bolt connection terminal block - RWOV 5-TC - 3075074

Dimensional drawing



Dimensional drawing



\* Only when using the RW...-F flange plate