

## Panel feed-through terminal block - RWOV 8-POT - 3056336

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Panel feed-through terminal block, connection method: Bolt connection, Bolt connection, number of positions: 1, load current: 125 A, cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG 14 - 2, connection direction of the conductor to plug-in direction: -90 °, width: 20.3 mm, color: gray

### Your advantages

- ✓ 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
- ✓ 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   |
| GTIN                                 | <br>4 046356 431040 |
| GTIN                                 | 4046356431040   |
| Weight per Piece (excluding packing) | 80.000 g  |
| Custom tariff number                 | 85369010  |
| Country of origin                    | China   |

### Technical data

#### General

|                       |                    |
|-----------------------|--------------------|
| Number of levels      | 1                  |
| Number of connections | 2                  |
| Nominal cross section | 35 mm <sup>2</sup> |
| Color                 | gray               |

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## Technical data

### General

|  |   |
|--|---|
| Insulating material                    | PA  |
| Flammability rating according to UL 94 | V0  |
| Maximum load current                   | 125 A   |
| Rated surge voltage                    | 6 kV  |
| Degree of pollution                    | 3   |
| Overvoltage category                   | III   |
| Insulating material group              | I   |
| Connection in acc. with standard       | IEC 60947-7-1   |
| Nominal current I <sub>N</sub>         | 125 A   |
| Maximum load current                   | 125 A (with 35 mm <sup>2</sup> conductor cross section) |
| Nominal voltage U <sub>N</sub>         | 1000 V  |
| Open side panel                        | No  |
| Number of positions                    | 1   |

### Dimensions

|                 |               |
|-----------------|---------------|
| Width           | 20.3 mm       |
| Pitch           | 20.3 mm       |
| Plate thickness | 1 mm ... 6 mm |

### Connection data

|                                       |                     |
|---------------------------------------|---------------------|
| Note                                  | Connection bolts    |
| Connection side                       | outside             |
| Connection method                     | Bolt connection     |
| Conductor cross section solid min.    | 2.5 mm <sup>2</sup> |
| Conductor cross section solid max.    | 35 mm <sup>2</sup>  |
| Conductor cross section flexible min. | 2.5 mm <sup>2</sup> |
| Conductor cross section flexible max. | 35 mm <sup>2</sup>  |
| Conductor cross section AWG min.      | 14                  |
| Conductor cross section AWG max.      | 2                   |
| Screw thread                          | M8                  |
| Tightening torque, min                | 4.5 Nm              |
| Tightening torque max                 | 5 Nm                |
| Connection side                       | inside              |
| Connection method                     | Bolt connection     |

### Standards and Regulations

|                                  |               |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
|                                  | DIN 46234     |
|                                  | DIN 46237     |

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## Technical data

### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| eCl@ss 4.1 | 27141111 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27141134 |
| eCl@ss 9.0 | 27141134 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |
| ETIM 6.0 | EC001283 |
| ETIM 7.0 | EC001283 |

### UNSPSC

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

## Approvals

### Approvals

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Approvals

UL Recognized / EAC

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## Approvals

Ex Approvals

### Approval details

|                    |  |   |                 |
|--------------------|--|---|-----------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | E60425-20100319 |
|                    |  | B   | C               |
| Nominal voltage UN |  | 600 V   | 600 V           |
| Nominal current IN |  | 115 A   | 115 A           |

|     |  |         |
|-----|--|---------|
| EAC |  | B.01742 |
|-----|--|---------|

## Accessories

### Accessories

#### Flange

Flange cover - RWV 8-F - 3075333



Flange, number of positions: 0, color: gray

### Screwdriver tools

Screwdriver - SZS 1,0X6,5 VDE - 1205079



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

### Terminal marking

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### Accessories

Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: snap into universal marker groove, snap into tall marker groove, for terminal block width: 50000 mm, lettering field size: 9.5 x 50000 mm

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Zack marker strip - ZB 20,3:UNPRINTED - 0820248



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 20.3 mm, lettering field size: 10.5 x 20.25 mm

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



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 16.3 mm, lettering field size: 10.5 x 16.25 mm