

## Panel feed-through terminal block - UWV 25 - 3073445

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 125 A, Cross section: 6 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG 8 - 3, Connection direction of the conductor to plug-in direction: 90 °, Width: 15.1 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
- ✓ Touch-proof insulating housing in a new design
- ✓ Spacer plates increase air and creepage distances
- ✓ Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- ✓ Universal screw connection with screw locking



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 1      |
| 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    |
| Maximum load current                    | 125 A |
| Rated surge voltage                     | 6 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 $I_N$            | 101 A                   |
| Nominal voltage $U_N$            | 800 V with spacer plate |
| Open side panel                  | nein                    |
| Number of positions              | 1                       |

#### Dimensions

|       |         |
|-------|---------|
| Width | 15.1 mm |
|-------|---------|

#### Connection data

|   |  |
|---|--|
| Note  | Terminal sleeve  |
| Connection side   | Level 1 ext. 1   |
| Connection method   | Screw connection   |
| Note  | Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area. |
| Conductor cross section solid min.  | 6 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 35 mm <sup>2</sup>   |
| Conductor cross section stranded min.   | 10 mm <sup>2</sup>   |
| Conductor cross section stranded max.   | 25 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.  | 10   |
| Conductor cross section AWG/kcmil max   | 2  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 4 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 25 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 4 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 25 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.  | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 10 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 4 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 10 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 10 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup>   |
| Stripping length  | 19 mm  |
| Internal cylindrical gage   | B 7  |

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## Technical data

### Connection data

|                        |        |
|------------------------|--------|
| Screw thread           | M5     |
| Tightening torque, min | 4 Nm   |
| Tightening torque max  | 4.5 Nm |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| 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 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| 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

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Approvals

UL Recognized / GOST / GOST

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Ex Approvals

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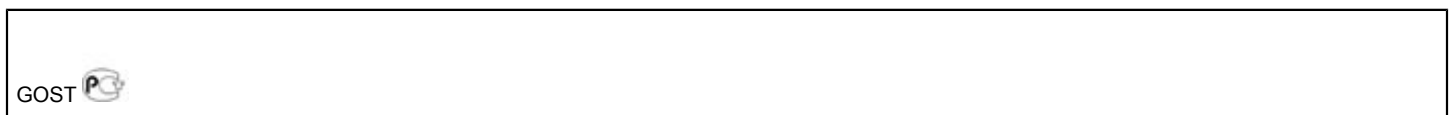
# Panel feed-through terminal block - UWV 25 - 3073445

## Approvals

Approvals submitted

### Approval details

|                                |         |         |
|--------------------------------|---------|---------|
| UL Recognized                  |         |         |
|                                | B       | C       |
| mm <sup>2</sup> /AWG/kcmil     | 10-2    | 10-2    |
| Nominal current I <sub>N</sub> | 112.5 A | 112.5 A |
| Nominal voltage U <sub>N</sub> | 600 V   | 600 V   |



## Accessories

### Accessories

#### Flange

Flange cover - UWV 25-F - 3074622



Flange cover, Color: gray

### Mounting material

Sealing plate - POT-UW 25 - 3074075



Sealing plate, Color: gray

## Panel feed-through terminal block - UWV 25 - 3073445

### Accessories

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#### Partition plate

Spacer plate - DP-UWV 25 - 3074431



Spacer plate, Color: gray

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#### 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

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#### Terminal marking

Zack marker strip - ZB 15:UNBEDRUCKT - 0811972



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 15.2 mm, Lettering field: 10.5 x 15.1 mm

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Zack Marker strip, flat - ZBF 15:UNBEDRUCKT - 0811202



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 15 x 5.2 mm

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## Accessories

Marker for terminal blocks - TMT 100 R - 0816605



Marker for terminal blocks, Roll, white, Unlabeled, Can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, Unperforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, Lettering field: 6.35 x 101.5 mm

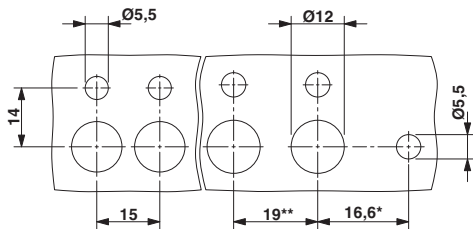
Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, Unlabeled, Can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, Mounting type: Snap into universal marker groove, Snap into flat marker groove, Lettering field: 9.5 x 50000 mm

## Drawings

Dimensioned drawing



Dimensioned drawing

