

## Panel feed-through terminal block - UWV 4 - 3073380

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 41 A, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 24 - 10, Connection direction of the conductor to plug-in direction: 90 °, Width: 8.1 mm, Color: gray

### Why buy this product

- ✓ Easy grouping with engagement pin versions
- ✓ Both terminal halves can be easily assembled by simply snapping them together
- ✓ Touch-proof insulating housing in a new design
- ✓ Molded type ensures maximum seal and is available with a slip-on or solder connection.
- ✓ Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- ✓ Universal screw connection with screw locking
- ✓ Spacer plates increase clearances and creepage distances



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 pc   |
| GTIN                                 | <br>4 046356 344692 |
| Weight per Piece (excluding packing) | 10.94 g   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | China   |
| Note                                 | Made to Order (non-returnable)  |

### Technical data

#### General

|  |                   |
|--|-------------------|
| Number of levels                       | 1                 |
| Number of connections                  | 2                 |
| Nominal cross section                  | 4 mm <sup>2</sup> |
| Color                                  | gray              |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Maximum load current                   | 41 A              |
| Rated surge voltage                    | 6 kV              |

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## Technical data

### General

|                                  |                            |
|----------------------------------|----------------------------|
| Pollution degree                 | 3                          |
| Overvoltage category             | III                        |
| Insulating material group        | I                          |
| Connection in acc. with standard | IEC 60947-7-1              |
| Nominal current $I_N$            | 32 A                       |
| Maximum load current             | 41 A                       |
| Nominal voltage $U_N$            | 500 V (with spacer plates) |
| Open side panel                  | nein                       |
| Number of positions              | 1                          |

### Dimensions

|                 |               |
|-----------------|---------------|
| Width           | 8.1 mm        |
| Plate thickness | 1 mm ... 4 mm |

### Connection data

|   |                      |
|---|----------------------|
| Connection side   | Level 1 ext. 1       |
| Connection method   | Screw connection     |
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>    |
| Conductor cross section flexible min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 10                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.   | 4 mm <sup>2</sup>    |
| Cross section with insertion bridge, stranded max.                                      | 2.5 mm <sup>2</sup>  |
| Stripping length  | 9 mm                 |
| Internal cylindrical gage   | A4                   |

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### Technical data

#### Connection data

|                        |        |
|------------------------|--------|
| Screw thread           | M3     |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max  | 0.8 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 / EAC

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Ex Approvals

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Approvals submitted

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## Panel feed-through terminal block - UWV 4 - 3073380

### Approvals

#### Approval details

| UL Recognized  |       |       |       |
|---|-------|-------|-------|
|   | B     | C     | D     |
| mm²/AWG/kcmil   | 24-10 | 24-10 | 24-10 |
| Nominal current I <sub>N</sub>  | 30 A  | 30 A  | 5 A   |
| Nominal voltage U <sub>N</sub>  | 300 V | 300 V | 600 V |

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

### Accessories

#### Accessories

##### Flange

Flange cover - UWV 4-F - 3074596



Flange cover, Color: gray

##### Insertion bridge

Insertion bridge - EBS 2- 8 - 3118151



Insertion bridge, Number of positions: 2, Color: gray

Insertion bridge - EBS 3- 8 - 3118148



Insertion bridge, Number of positions: 3, Color: gray

## Panel feed-through terminal block - UWV 4 - 3073380

### Accessories

Insertion bridge - EBS 10- 8 - 3118135



Insertion bridge, Number of positions: 10, Color: gray

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### Partition plate

Spacer plate - DP-UWV 4 - 3074509



Spacer plate, Color: gray

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### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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Marker for terminal blocks - UC-TM 6 - 0818085



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

## Panel feed-through terminal block - UWV 4 - 3073380

### Accessories

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - TMT 6 R - 0816498



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Perforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6.35 x 6.15 mm

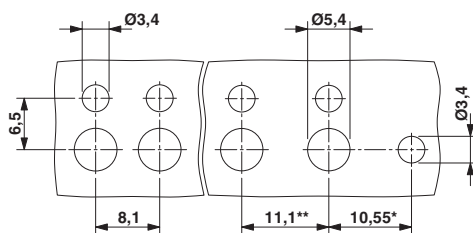
Marker for terminal blocks - TMT (EX9,5)R - 0828295



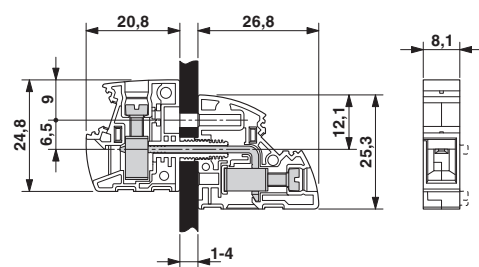
Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

### Drawings

Dimensional drawing



Dimensional drawing



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

\*\* Dimensions when using the DP-UW... spacer plate