

## Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

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Transformer terminal block, Connection method: Screw connection, Length: 50.5 mm, Width: 12.5 mm, Height: 27.5 mm, Color: orange, Mounting type: DIN rail, Coil snap-in device

The illustration shows versions TRKS 4-SI and TRKS 4/1-SI in orange



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 060718 |
| Weight per Piece (excluding packing) | 13.78 GRM   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Greece  |

### Technical data

#### General

|                       |  |
|-----------------------|--|
| Note                  | For transformers on ships, saltwater-proof DIN rails must be used according to the regulations of Germanic Lloyd. This requirement is fulfilled by all rail designs.   |
|                       | When selecting the type of connection on safety transformers in acc. with IEC 742/EN 60742/DIN VDE 0551-1, please observe:<br>- When safety transformers are used as self-contained devices, only screw connections are permitted for the external connections.<br>- When installing safety transformers, the specifications of the respective devices must be observed. |
|                       | When mounted on coils with mounting chambers, a gap of 1.25 mm results on both sides.  |
| Number of connections | 2  |
| Color                 | orange   |
| Insulating material   | PA   |

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## Technical data

### General

|   |  |
|---|--|
| Inflammability class according to UL 94 | V2   |
| Rated surge voltage                     | 4 kV   |
| Rated insulation voltage                | 250 V  |
| Pollution degree                        | 3  |
| Surge voltage category                  | III  |
| Connection in acc. with standard        | IEC / EN   |
| Nominal current I <sub>N</sub>          | 10 A (is determined by the fuse used)                      |
| Nominal voltage U <sub>N</sub>          | voltage data only possible in conjunction with transformer |
| Number of positions                     | 1  |

### Dimensions

|        |         |
|--------|---------|
| Width  | 12.5 mm |
| Length | 50.5 mm |
| Height | 27.5 mm |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>    |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max   | 10                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 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>  |
| Connection method   | Screw connection     |
| Stripping length  | 10 mm                |

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## Technical data

### Connection data

|                           |         |
|---------------------------|---------|
| Internal cylindrical gage | A3 / A4 |
| Screw thread              | M3      |
| Tightening torque, min    | 0.6 Nm  |
| Tightening torque max     | 0.8 Nm  |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141110 |
| eCl@ss 4.1 | 27141110 |
| eCl@ss 5.0 | 27141110 |
| eCl@ss 5.1 | 27141110 |
| eCl@ss 6.0 | 27141110 |
| eCl@ss 7.0 | 27141110 |
| eCl@ss 8.0 | 27141190 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC000398 |
| ETIM 5.0 | EC000398 |

### 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 / cUL Recognized / GOST / GOST / cULus Recognized

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#### Ex Approvals

# Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

## Approvals

Approvals submitted

### Approval details

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 30-10 | 30-10 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 30-10 | 30-10 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

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

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

|                  |  |  |
|------------------|--|--|
| cULus Recognized |  |  |
|------------------|--|--|

## Drawings

# Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

Dimensioned drawing

