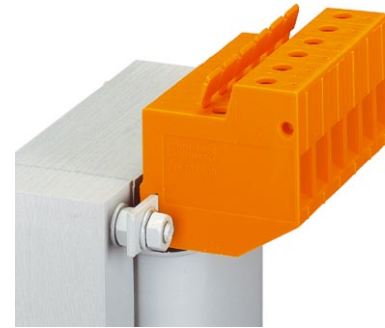


# TRKS 10 GY

Order No.: 2703525

The illustration shows version TRKS 10 in orange



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2703525>

Transformer high current terminal block with internal screw connection

| Commercial data          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918061128      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.02202 KG         |
| Catalog page information | Page 319 (CL-2002) |

#### Product notes

WEEE/RoHS-compliant since:  
11/26/2005



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### 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. |
| Number of connections              | 2  |
| Color                              | gray   |
| Insulating material                | PA   |
| Inflammability class acc. to UL 94 | V2   |

**Dimensions**

|        |         |
|--------|---------|
| Width  | 10.2 mm |
| Length | 41 mm   |
| Height | 41.3 mm |

**Technical data**

|                                  |  |
|----------------------------------|--|
| Rated surge voltage              | 8 kV   |
| Pollution degree                 | 3  |
| Surge voltage category           | III  |
| Connection in acc. with standard | IEC / EN   |
| Nominal current $I_N$            | 40 A   |
| Nominal voltage $U_N$            | (voltage data only possible in conjunction with transformer) |

**Connection data**

|   |                     |
|---|---------------------|
| Conductor cross section solid min.  | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.  | 16 mm <sup>2</sup>  |
| Conductor cross section stranded min.   | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.   | 10 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.  | 20                  |
| Conductor cross section AWG/kcmil max   | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.            | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.            | 16 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.               | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.               | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                      | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                      | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                   | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                   | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 4 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. | 10 mm <sup>2</sup>  |
| Type of connection  | Screw connection    |
| Stripping length  | 14 mm               |
| Internal cylindrical gage   | B6                  |
| Screw thread  | M 4                 |
| Tightening torque, min  | 1.5 Nm              |
| Tightening torque max   | 1.8 Nm              |

### Certificates / Approvals

#### Approval logo



#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 65 A  |
| AWG/kcmil                      | 22-6  |

#### UL

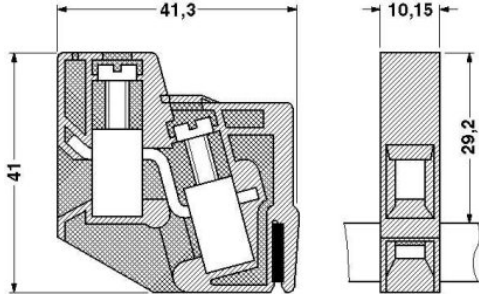
|                                |                                  |
|--------------------------------|----------------------------------|
| Nominal voltage U <sub>N</sub> | 300 V                            |
| Nominal current I <sub>N</sub> | 65 A                             |
| AWG/kcmil                      | 24-6                             |
| Certification                  | CCA, CSA, ESTI, GOST, LR, RS, UL |

### Accessories

| Item            | Designation | Description  |
|-----------------|-------------|--|
| <b>Assembly</b> |             |  |
| 3000308         | ATP-TRKS    | Partition plate, for visual and electrical separation of neighboring terminal blocks, width: 7.5 mm, color: Gray |

## Drawings

### Dimensioned drawing



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