TRK 2,5/TRK 2,5-FS

Terminal width 20

<table>
<thead>
<tr>
<th>(IEC)</th>
<th>rigid</th>
<th>flexible</th>
<th>I</th>
<th>U</th>
</tr>
</thead>
<tbody>
<tr>
<td>[mm²]</td>
<td>solid</td>
<td>stranded</td>
<td>[A]</td>
<td>[V]</td>
</tr>
<tr>
<td>EN 60 742</td>
<td>0.75-2.5</td>
<td>1-2.5</td>
<td>18-14</td>
<td>10</td>
</tr>
</tbody>
</table>

HCAEF LR/BV/NV/NKK

<table>
<thead>
<tr>
<th>Description</th>
<th>Assembly</th>
<th>Housing color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transformer terminal block, version: twin terminal block</td>
<td>mounting rail or bobbin</td>
<td>gray</td>
<td>TRK 2,5 GY</td>
<td>27 01 01 9</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>orange</td>
<td>TRK 2,5 OG</td>
<td>27 01 11 6</td>
<td>50</td>
</tr>
<tr>
<td>Transformer terminal block, version: twin terminal block 2.8 mm tab connection</td>
<td>mounting rail or bobbin</td>
<td>gray</td>
<td>TRK 2,5-FS GY</td>
<td>27 01 02 2</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>orange</td>
<td>TRK 2,5-FS OG</td>
<td>27 01 12 9</td>
<td>50</td>
</tr>
</tbody>
</table>

Technical data

Dimensions

Technical data in accordance with IEC / VDE

- Max. current carrying capacity / cross section: [A] / [mm²] 24 / 2.5
- Rated insulation voltage: [V] 800 ²
- Rated surge voltage / contamination class: [kV] / – 8 / 3
- Surge voltage category / insulation material group: – / – III / I
- Tab connection DIN 46 249-1: [A] / [mm] 8 / 2.8 x 0.8

Connection capacity

- stranded with ferrules without / with plastic collar: [mm²] 0.75 - 2.5 / 0.75 - 2.5

Multiple connection (2 conductors with same cross section)

- solid / stranded: [mm²] 0.75 - 2.5 / 1 - 2.5
- stranded with ferrules without plastic collar: [mm²] 0.75 - 2.5
- stranded with TWIN ferrules with plastic collar: [mm²] 0.5 - 1

Stripping length: [mm] 11

Internal cylindrical gage (IEC 947-1:1988):

- Type: A 2
- Thread: M 3.5
Thread  [M 3.5]
Torque  [Nm]  1 - 1.2
Insulation material  PA
Inflammability class acc. to UL 94  V2
Temperature indices RTI / Ti  125 / 100

Approval data (UL and CSA)
Nominal voltage / current / conductor sizes
UL: [V] / [A] / AWG  600 / 20 / 22 - 12
CSA: [V] / [A] / AWG  600 / 25 / 18 - 12

1) Voltage data can only be quoted in connection with transformer.
2) Only applies to fully insulated receptacles.

Comments:
For marine transformers, saltwater-proof mounting rails must be used in accordance with the regulations of Germanischer Lloyd. These requirements are met by all mounting rail types.
When selecting the type of connection for safety transformers the following must be observed to meet IEC 742 / EN 60 742 / DIN VDE 0551-1:
– when using safety transformers as stand-alone equipment, only screw connections are allowed for the external connections,
– when fitting safety transformers the corresponding equipment regulations must be observed.

Dimensional drawing

![Dimensional drawing image]