

## VC-TFS 6

Order No.: 1853476

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1853476>

Contact insert module, for sleeve frames, with screw connection, 6-pos., 250 V / 10 A

**Commercial data**

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918132903      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.006275 KG        |
| Catalog page information | Page 354 (PC-2009) |

**Product notes**

WEEE/RoHS-compliant since:  
12/15/2005



<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 data**

|                                         |                                                                        |
|-----------------------------------------|------------------------------------------------------------------------|
| Note                                    | Plug connectors may only be connected/disconnected when under no load. |
| Connection method                       | Screw connection                                                       |
|                                         | Screw connection                                                       |
| Tightening torque                       | 0.22 Nm ... 0.25 Nm                                                    |
| Ambient temperature (operation)         | -40 °C ... 100 °C                                                      |
| Ambient temperature (assembly)          | -40 °C ... 70 °C                                                       |
| Pollution degree                        | 3                                                                      |
| Surge voltage category                  | III                                                                    |
| Number of positions                     | 6                                                                      |
| Insertion/withdrawal cycles             | ≥ 100                                                                  |
| Design                                  | VC1/-2/-3/-4                                                           |
| Conductor cross section                 | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>                           |
| Connection cross section AWG            | 28 ... 16                                                              |
| Stripping length of the individual wire | 6 mm                                                                   |

**Material data**

|                                    |            |
|------------------------------------|------------|
| Inflammability class acc. to UL 94 | V0         |
| Contact material                   | CuZn       |
| Contact surface material           | Tin-plated |
| Contact carrier material           | PA         |

**Electrical characteristics**

|                       |       |
|-----------------------|-------|
| Rated voltage (III/3) | 250 V |
| Rated surge voltage   | 4 kV  |
|                       | 4 kV  |
| Rated current         | 10 A  |
|                       | 10 A  |

**Certificates / Approvals**

Certification

CUL, LR, UL

CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 250 V |
| Nominal current $I_N$ | 8 A   |
| AWG/kcmil             | 30-14 |

UL

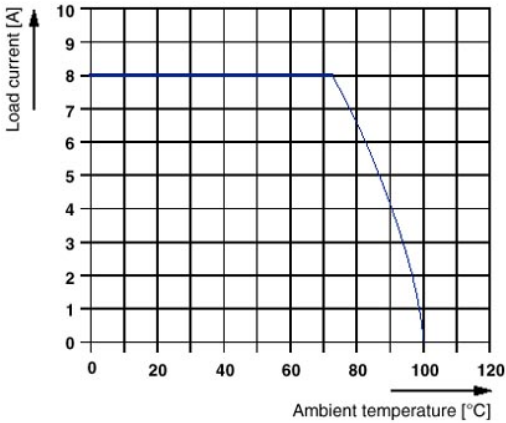
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 250 V |
| Nominal current $I_N$ | 8 A   |
| AWG/kcmil             | 30-14 |

Accessories

| Item                | Designation | Description                                                                                       |
|---------------------|-------------|---------------------------------------------------------------------------------------------------|
| <b>Plug/Adapter</b> |             |                                                                                                   |
| 1734634             | CP-MSTB     | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material |
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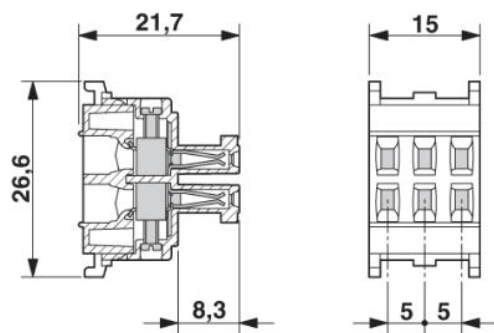
Diagrams/Drawings

Diagram



Dimensioned drawing

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