

**CK1,6-ED-0,50ST AU**

Order No.: 1672453

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1672453>

Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm², gold-plated

**Commercial data**

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| GTIN (EAN)               |  |
| sales group              | D090                                                                               |
| Pack                     | 100 pcs.                                                                           |
| Customs tariff           | 85366990                                                                           |
| Catalog page information | Page 528 (PC-2009)                                                                 |

**Product notes**WEEE/RoHS-compliant since:  
12/01/2005

<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****Electrical characteristics**

|                                 |                                                                                                                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note                            | For HC-M-12, HC-M-EMC, HC-D, HC-DD and VC-D contact inserts, the quality of a crimp connection is determined by DIN EN 60 352-2, gold-plated contacts recommended at $U > 5 \text{ V}$ and $I > 5 \text{ mA}$ |
| Ambient temperature (operation) | -40 °C ... 125 °C                                                                                                                                                                                             |

#### Mechanical characteristics

|                                         |                     |
|-----------------------------------------|---------------------|
| Conductor cross-section                 | 0.5 mm <sup>2</sup> |
| Connection cross-section AWG            | 20                  |
| Stripping length of the individual wire | 8 mm                |
| Insertion/withdrawal cycles             | ≥ 500               |

#### General characteristics

|                   |                         |
|-------------------|-------------------------|
| Type              | Individual male contact |
| Series            | HC-M-12                 |
| Connection method | Crimp connection        |

#### Material data

|                          |                  |
|--------------------------|------------------|
| Contact material         | Copper alloy     |
| Contact surface material | Hard gold-plated |

#### Certificates / Approvals



Certification

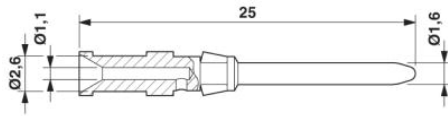
GOST, UL

#### Accessories

| Item           | Designation             | Description                                                                    |
|----------------|-------------------------|--------------------------------------------------------------------------------|
| <b>General</b> |                         |                                                                                |
| 1884869        | VC-EW 1,6               | Contact removal tool, for turned and rolled CK- 1.6-... contacts               |
| <b>Tools</b>   |                         |                                                                                |
| 1676734        | CK1,6/2,5-MWZ           | Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections |
| 1687419        | CRIMPFOX-1,6/2,5-ED-4,0 | Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...            |

## Diagrams/Drawings

### Dimensioned drawing



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