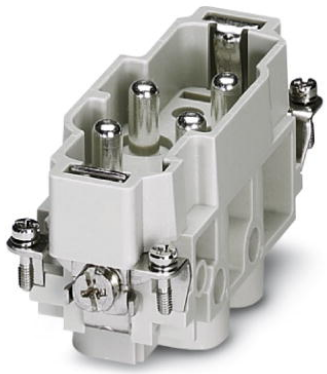
**Extract from the online catalog**

# HC-K 4/0-ESTS

Order No.: 1679414



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1679414

HEAVYCON male insert, K4/0 series, 4-pos., screw connection

| Commercial data | |
|---|---|
| GTIN (EAN) | 4 017918 168858 |
| sales group | D007 |
| Pack | 1 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 445 (PC-2009) |

Product notes

WEEE/RoHS-compliant since: 08/08/2006

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 | For HEAVYCON-ADVANCE housings of B16 type and HEAVYCON housings of B16 and B32 types |
| Connection method | Screw connection |

| | |
|---|---|
| Tightening torque | 3 Nm (4.0 $mm^2$ ... 16 $mm^2$) |
| | 2 Nm (2.5 $mm^2$) |
| | 1.2 Nm (1.5 mm²) |
| Ambient temperature (operation) | -40 °C ... 125 °C |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insertion/withdrawal cycles | ≥ 500 |
| Design | K4/0 |
| Conductor cross-section | 1.5 mm² ... 16 mm² |
| Connection cross-section AWG | 16 ... 6 |
| Stripping length of the individual wire | 14 mm |

**Material data**

| | |
|---|---|
| Inflammability class acc. to UL 94 | V0 |
| Contact material | Cu alloy |
| Contact surface material | Ag |
| Contact carrier material | PC |

**Electrical characteristics**

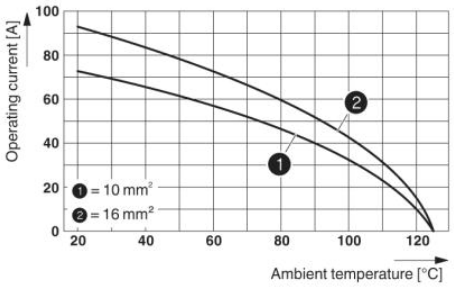
| | |
|---|---|
| Rated voltage (III/3) | 830 V |
| Rated surge voltage | 8 kV |
| Rated current | 80 A (power contacts) |

## Certificates / Approvals

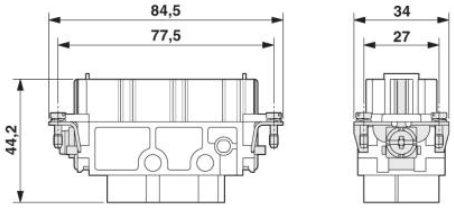
| | |
|---|---|
| Certification | CSA, GOST, UL |

## Diagrams/Drawings

Diagram

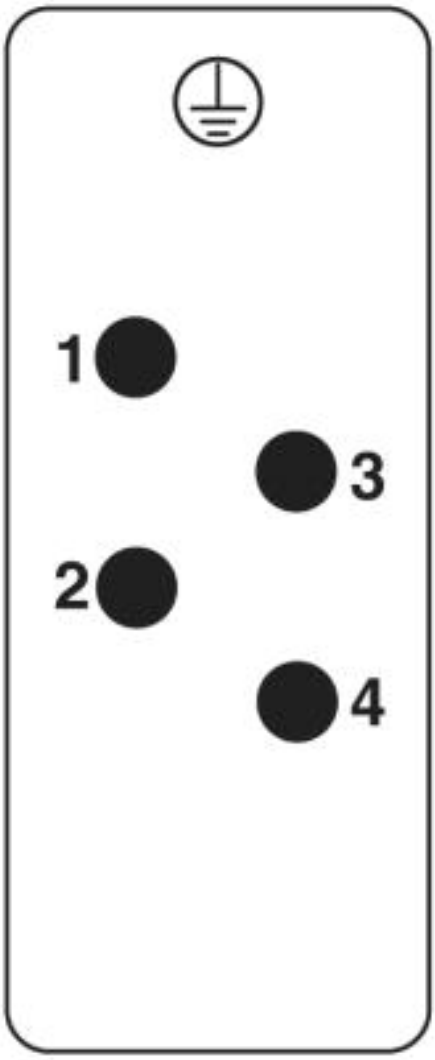



Dimensioned drawing




Male insert

Schematic diagram



## Address

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