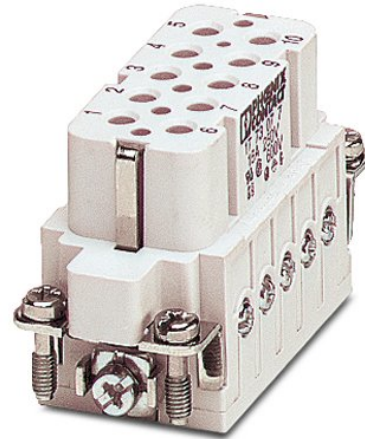



# HC-A 10-EBUC


Order No.: 1676983



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1676983>

HEAVYCON female insert, A10 series, 10-pos., crimp connection

| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               |  |
| sales group              | D014   |
| Pack                     | 10 pcs.  |
| Customs tariff           | 85366990   |
| Catalog page information | Page 424 (PC-2009)   |

| Product notes   |
|---|
| <p>WEEE/RoHS-compliant since:<br/>03/01/2006</p>  |

<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 HC-D25 housing, crimp contact CK2,5-ED (crimp contacts not included in scope of supply) |
| Connection method               | Crimp connection  |
| Ambient temperature (operation) | -40 °C ... 125 °C (including heating up of contacts)  |

|   |  |
|---|--|
| Pollution degree                        | 3  |
| Surge voltage category                  | III  |
| Constructional and testing regulations  | DIN VDE 0627/86  |
|   | DIN VDE 0110/02.79   |
|   | DIN VDE 0110-1/04.97   |
|   | IEC 60664-1, DIN IEC 60512                                     |
|   | IEC 60352  |
| Number of positions                     | 10   |
| Insertion/withdrawal cycles             | ≥ 500  |
| Design                                  | A10  |
| Connection in acc. with standard        | IEC / EN   |
| Conductor cross-section                 | 0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>                      |
| Connection cross-section AWG            | 20 ... 12  |
| Stripping length of the individual wire | 8 mm   |
| Assembly instructions                   | Connectors may be operated only when there is no load/voltage. |

#### Material data

|                                    |                       |
|------------------------------------|-----------------------|
| Inflammability class acc. to UL 94 | V0                    |
| Contact material                   | Copper alloy          |
| Contact surface material           | Ag (alternatively Au) |
| Contact carrier material           | PA                    |

#### Electrical characteristics

|                       |       |
|-----------------------|-------|
| Rated voltage (III/3) | 250 V |
| Rated surge voltage   | 4 kV  |
| Rated current         | 16 A  |

#### Certificates / Approvals



Certification

CSA, GOST, UL

**Accessories**

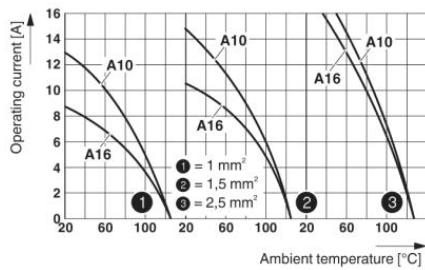
| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

**General**

|         |          |   |
|---------|----------|---|
| 1584868 | HC-A-PES | PE screw for contact inserts of A series  |
| 1772722 | HC-CB    | Coding pin, prevents mismatching of up to six plug connectors with an identical number of positions |
| 1676860 | HC-CBU   | Keying socket for coding up to 16 plug connectors   |
| 1676857 | HC-CST   | Keying peg for coding up to 16 plug connectors  |

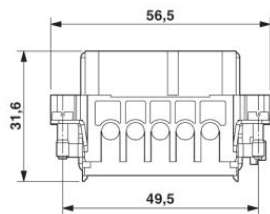
**Diagrams/Drawings**

**Diagram**

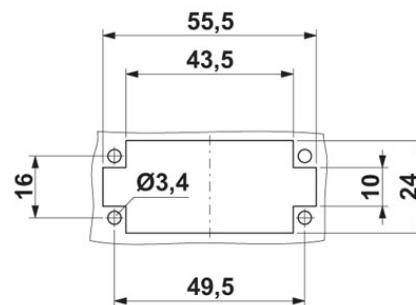
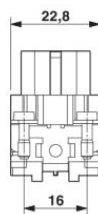


Derating diagram: HC-A...C series

**Dimensioned drawing**



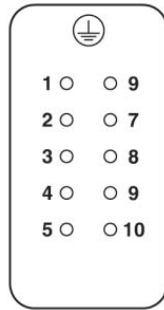
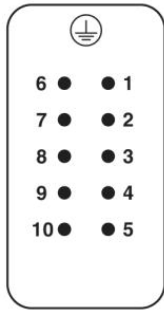
Female insert



Panel cutout

Schematic diagram

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Connector pin assignment, connection side

**Address**

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