

## Contact insert - HC-A 4-EBUS - 1774908

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HEAVYCON female insert, A4 series, 4-pos., screw connection without wire protection, with IP65 sealing screw



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 10 pc         |
| GTIN         |               |
| GTIN         | 4017918122256 |

### Technical data

#### General

|   |  |
|---|--|
| Note                                    | for housing HC-D7  |
| Connection method                       | Screw connection   |
| Tightening torque                       | 0.25 Nm  |
| Degree of pollution                     | 3  |
| Overvoltage category                    | III  |
| Number of positions                     | 4+PE   |
| Insertion/withdrawal cycles             | ≥ 500  |
| Size                                    | D7   |
| Contact numbering                       | 1 - 4  |
| Conductor cross section                 | 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (applies to stranded conductors with ferrules) |
| Connection cross section AWG            | 20 ... 16  |
| Stripping length of the individual wire | 5 mm   |
| Assembly instructions                   | Connectors may be operated only when there is no load/voltage.                             |
| Connection                              | Already includes one IP65 sealing screw  |

#### Ambient conditions

|                                 |  |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C ... 125 °C (including heating up of contacts) |
|---------------------------------|--|

#### Material data

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### Technical data

#### Material data

|                          |              |
|--------------------------|--------------|
| Contact material         | Copper alloy |
| Contact surface material | Ag           |
| Contact carrier material | PA           |

#### Electrical characteristics

|                                  |   |
|----------------------------------|---|
| Rated voltage for power contacts | 230/400 V   |
| Rated voltage (III/3)            | 230 V (Conductor-PE)<br>400 V (Conductor-Conductor) |
| Rated surge voltage              | 4 kV  |
| Rated current                    | 16 A  |

#### Standards and Regulations

|  |  |
|--|--|
| Connection in acc. with standard       | CSA  |
| Constructional and testing regulations | IEC 61984:2008<br>IEC 60664-1:2007<br>IEC 60664-1, DIN IEC 60512 |
| Flammability rating according to UL 94 | V0   |

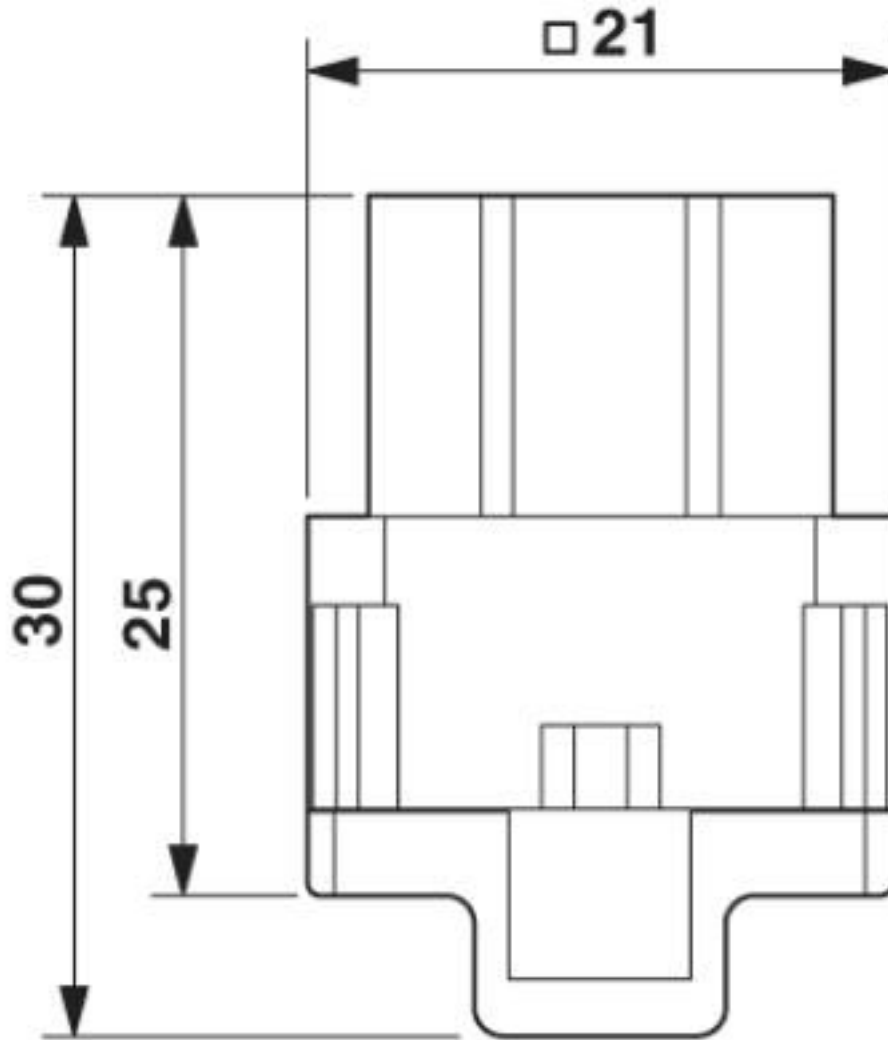
#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e<br>No hazardous substances above threshold values |
|------------|---|

### Drawings

# Contact insert - HC-A 4-EBUS - 1774908

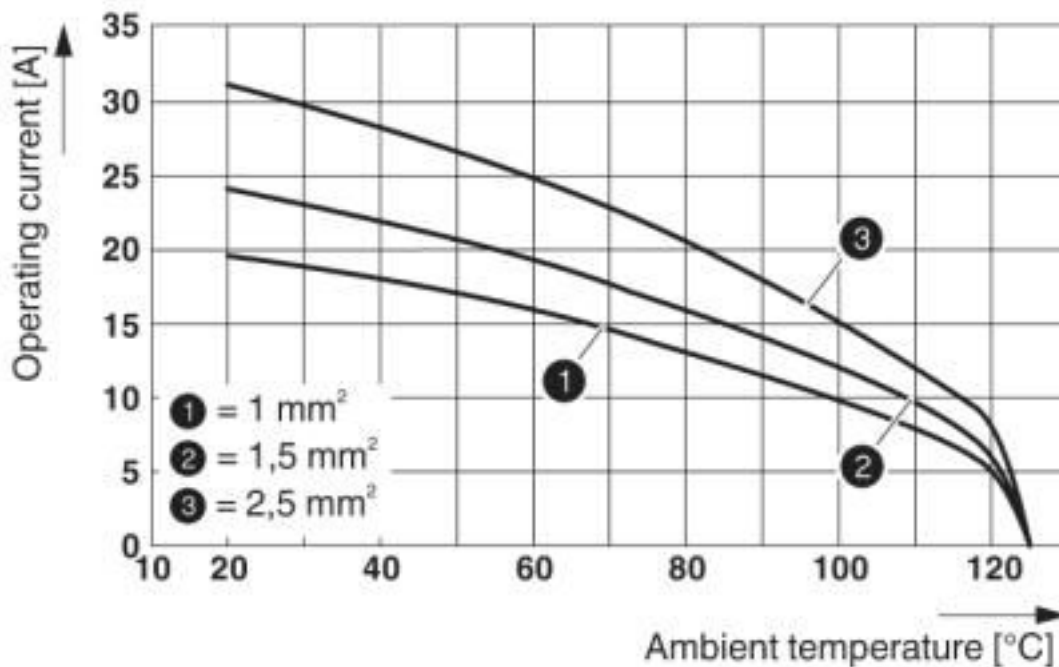
Dimensional drawing



Female insert

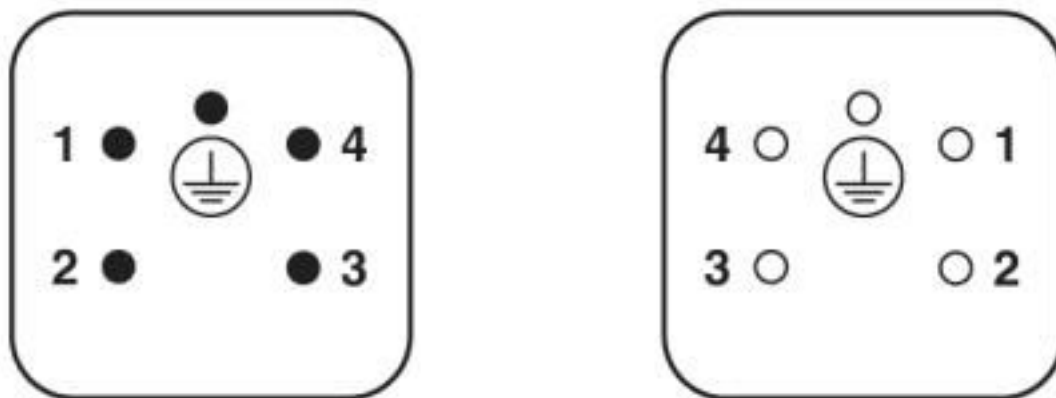
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Diagram



Derating diagram: Series HC-A 3-E..S / HC-A 4-E..S

Schematic diagram



Connector pin assignment connection side: Left pin; right socket

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27261200 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27261200 |
| eCl@ss 7.0 | 27440205 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11     | 39121522 |
| UNSPSC 12.01  | 39121522 |
| UNSPSC 13.2   | 39121522 |
| UNSPSC 19.0   | 39121522 |

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