

Contact insert - HC-A 16-ESTS-32 - 1677063


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HEAVYCON male insert, A16 series, 16-pos., screw connection, numbering from 17-32



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 129682 |
| GTIN | 4017918129682 |
| Weight per Piece (excluding packing) | 83.080 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|-----------------------------|--|
| Note | for HC-D25 / HC-D 50 housing |
| Connection method | Screw connection |
| Tightening torque | 0.5 Nm |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 16+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | D25 D50 |
| Contact numbering | 17 - 32 |
| Conductor cross section | 0.5 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules) |

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Technical data

General

| | |
|---|--|
| Connection cross section AWG | 20 ... 14 |
| Stripping length of the individual wire | 7 mm |
| Assembly instructions | Connectors may be operated only when there is no load/voltage. |

Ambient conditions

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

Material data

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

Electrical characteristics

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

Standards and Regulations

| | |
|--|----------------------------|
| Connection in acc. with standard | CSA |
| 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 |
| Flammability rating according to UL 94 | V0 |

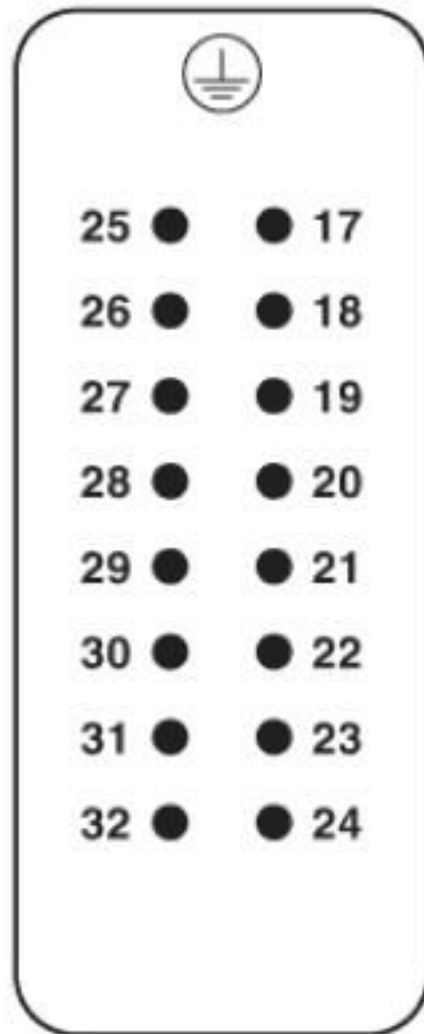
Environmental Product Compliance

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

Drawings

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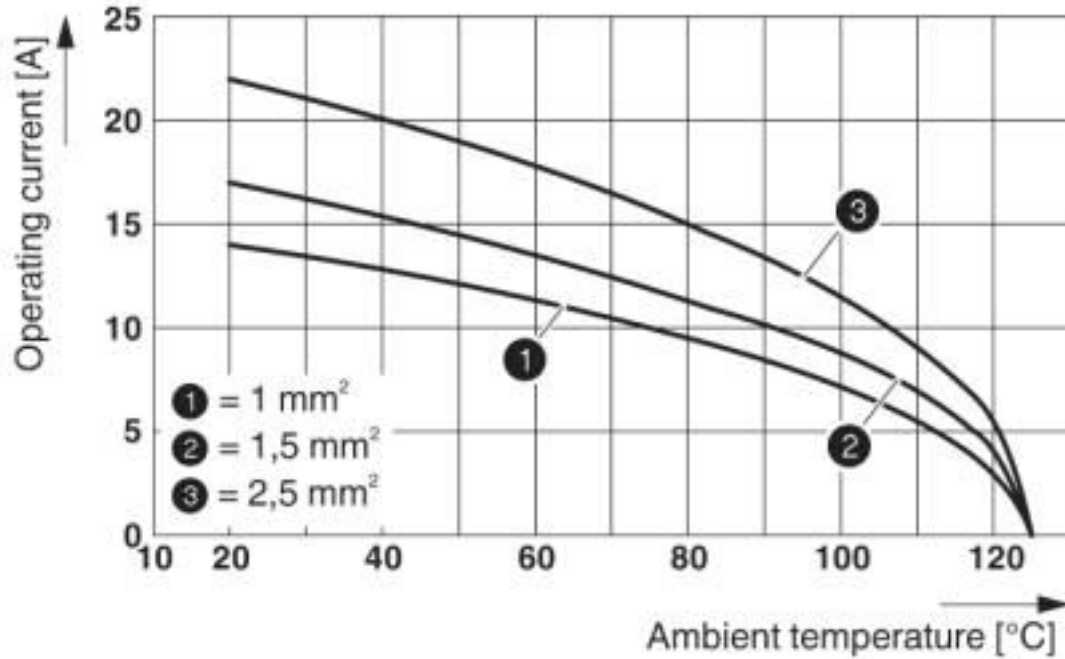
Schematic diagram



Connector pin assignment, connection side

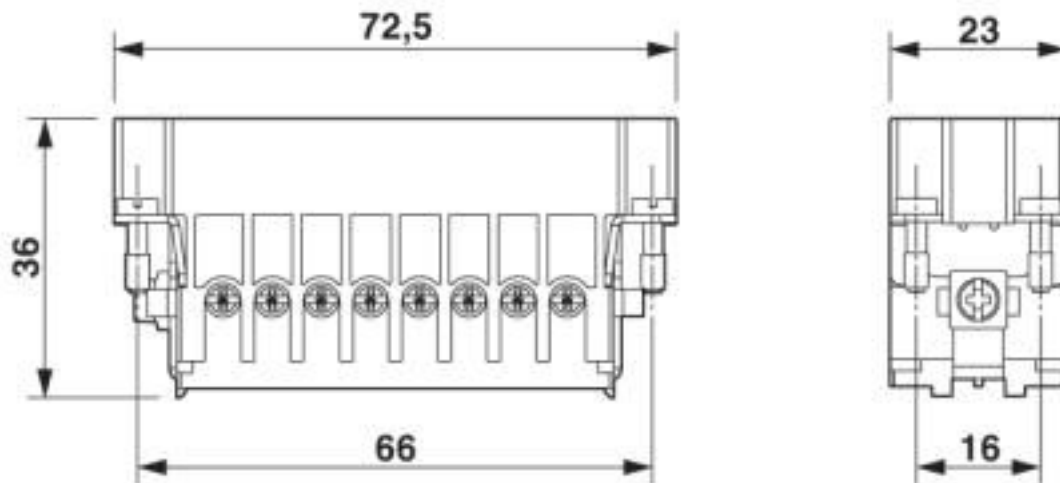
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Diagram



Derating diagram: Series HC-A 16...S

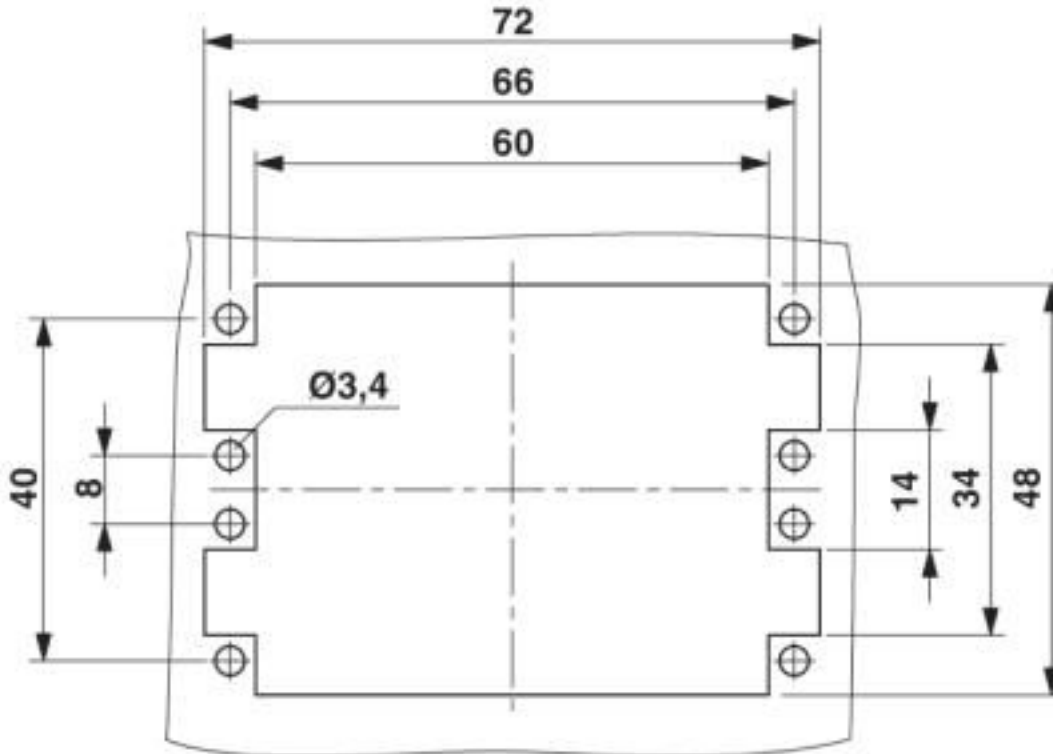
Dimensional drawing



Male insert

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Dimensional drawing



Mounting cutout

Classifications

eCl@ss

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

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |
| UNSPSC 19.0 | 39121522 |

Accessories

Accessories

Coding element

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

DIN rail mounting frame

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Accessories

DIN rail mounting frame - HC-SMR-D25 - 1604023



HEAVYCON DIN rail mounting frame, for contact inserts of type D25

Mounting material

Screw - HC-A-PES - 1584868



PE screw for contact inserts of A series

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