

## Contact insert - HC-DD108-I-CT-F - 1584130

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HEAVYCON female insert, DD108 series, 108-pos., crimp connection. PE connection using tension sleeve technology.



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Weight per Piece (excluding packing) | 99.2 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | China    |

### Technical data

#### General

|  |  |
|--|--|
| Note                                   | For HEAVYCON ADVANCE and HEAVYCON housing of B24 type, crimp contacts CK 1,6-ED (crimp contacts not included in the scope of supply). Plug-in connections may only be operated only when there is no load/voltage. |
| Connection method                      | Crimp connection   |
| 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                    | 108+PE   |
| Insertion/withdrawal cycles            | ≥ 500  |
| Design                                 | B24  |
| Connection in acc. with standard       | IEC / EN   |
| Conductor cross section                | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>   |

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## Technical data

### General

|   |   |
|---|---|
| Connection cross section AWG            | 26 ... 14   |
| Stripping length of the individual wire | 8 mm  |
|   | 6 mm (2.5 mm <sup>2</sup> )   |
| Assembly instructions                   | -Housing heights with h >= 72 mm are recommended in the case of a large number of wires.<br>-Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed. |
| Connection                              | Connectors may be plugged in only when there is no load/voltage.  |

### Ambient conditions

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

### Material data

|   |                       |
|---|-----------------------|
| Inflammability class according 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         | 10 A  |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440209 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000437 |
| ETIM 5.0 | EC000437 |

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

|                                |       |
|--------------------------------|-------|
| CSA                            |       |
| mm <sup>2</sup> /AWG/kcmil     | 26-14 |
| Nominal current I <sub>N</sub> | 7 A   |
| Nominal voltage U <sub>N</sub> | 250 V |

|                                |       |
|--------------------------------|-------|
| UL Recognized                  |       |
| mm <sup>2</sup> /AWG/kcmil     | 14    |
| Nominal current I <sub>N</sub> | 10 A  |
| Nominal voltage U <sub>N</sub> | 250 V |

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## Approvals

|                                |       |
|--------------------------------|-------|
| cUL Recognized                 |       |
| mm <sup>2</sup> /AWG/kcmil     | 14    |
| Nominal current I <sub>N</sub> | 7 A   |
| Nominal voltage U <sub>N</sub> | 250 V |

|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

## Accessories

### Accessories

#### Assembly tool

Removal tool - VC-EW 1,6 - 1884869



Contact removal tool, for turned and rolled CK- 1.6-... contacts

### Coding element

Coding profile - CP-HC - 1686478



Encoding profile, 4 encoding profiles per strip, 40 strips per unit pack, for insertion in encoding grooves

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

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### Accessories

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Coding bolt - HC-CB - 1772722



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

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Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

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### Crimp contact

Crimp contact - CK1,6-ED-0,37BU AG - 1663394



Turned 1.6 crimp contact, individual female contact, core diameter 0.14 to 0.37 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-0,50BU AG - 1663404



Turned 1.6 crimp contact, individual female contact, core diameter 0.5 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-0,75BU AG - 1663417



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 mm<sup>2</sup>, silver-plated

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### Accessories

Crimp contact - CK1,6-ED-1,00BU AG - 1663420



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-1,50BU AG - 1663433



Turned 1.6 crimp contact, individual female contact, core diameter 1.5 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-2,50BU AG - 1663446



Turned 1.6 crimp contact, individual female contact, core diameter 2.5 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-0,37BU AU - 1674969



Turned 1.6 crimp contact, individual female contact, core diameter 0.14 to 0.37 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-0,50BU AU - 1674480



Turned 1.6 crimp contact, individual female contact, core diameter 0.5 mm<sup>2</sup>, gold-plated

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## Contact insert - HC-DD108-I-CT-F - 1584130

### Accessories

Crimp contact - CK1,6-ED-0,75BU AU - 1672440



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-1,00BU AU - 1674943



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-1,50BU AU - 1674930



Turned 1.6 crimp contact, individual female contact, core diameter 1.5 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-2,50BU AU - 1674985



Turned 1.6 crimp contact, individual female contact, core diameter 2.5 mm<sup>2</sup>, gold-plated

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### Crimping tool

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

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### Accessories

#### Docking frame

Docking frames - HC-B 24-ANDOCK - 1586141



Docking frame for racks, for contact inserts of B24 type, with four M5 flat headed screws, rack balance x/y axis +/- 1.5 mm

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#### Fiber optics contact

Female contact - CK1,6-ED-BU-POF - 1885004



Fiber optic pin contact POF, turned, for contact carriers of CK1,6-ED... contacts

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#### Mounting material

Mounting material - HC-B-PES - 1604997



PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64

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PE multiplier - HC-B-3PE - 1644326



PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts

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## Contact insert - HC-DD108-I-CT-F - 1584130

### Accessories

Strain relief clamp - HC-B-ZG - 1685327



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit

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Strain relief clamp - HC-B-ZS - 1685330



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit

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### Plug assembly frame

Connector assembly frame - HC-SMR-B24 - 1687985



HEAVYCON connector assembly frame, for contact inserts of type B24

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### Plug mounting plate

Connector assembly frame - HC-SMP 150-B24-AMQ - 1660944



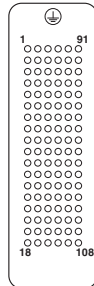
HEAVYCON connector assembly frame with panel mounting base with double locking latch, for contact inserts of type B24, 150 mm long

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### Drawings

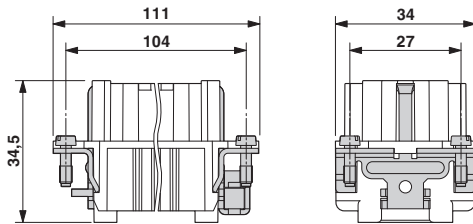
# Contact insert - HC-DD108-I-CT-F - 1584130

Schematic diagram



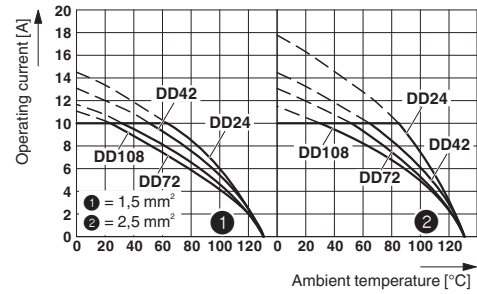
Connector pin assignment, connection side

Dimensioned drawing



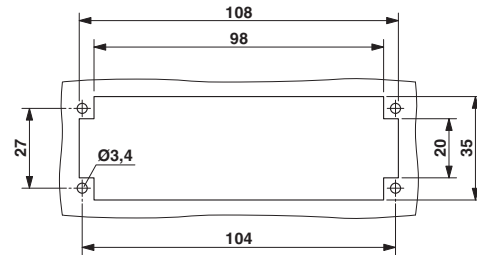
Female insert

Diagram



Derating diagram

Dimensioned drawing



Panel cutout

单击下面可查看定价，库存，交付和生命周期等信息

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