

## Contact insert - HC-HV10-I-CT-F - 1405265

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HEAVYCON socket insert, for 830 V (III/3), with 10 N/O contacts and 2 switch contacts, crimp connection

### Product Features



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| Custom tariff number | 85389099 |
| Country of origin    | China    |

### Technical data

#### General

|                              |   |
|------------------------------|---|
| Note                         | For HEAVYCON-ADVANCE housing of B24 type and HEAVYCON housing of HV10 type, crimp contacts CK 2,5-ED (crimp contacts not included in scope of supply) |
| Connection method            | Crimp connection  |
| Pollution degree             | 3   |
| Surge voltage category       | III   |
| Number of positions          | 10+2+PE   |
| No. of power contacts        | 10  |
| No. of control contacts      | 2   |
| Insertion/withdrawal cycles  | ≥ 500   |
| Type                         | B24   |
| Conductor cross section      | 0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup> (power contacts)<br>0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup> (control contacts)                            |
| Connection cross section AWG | 20 ... 12 (power contacts)<br>20 ... 12 (control contacts)  |

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## Technical data

### General

|   |                          |
|---|--------------------------|
| Stripping length of the individual wire | 7.5 mm (Power contact)   |
|   | 7.5 mm (control contact) |

### 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) | 830 V (power contacts)   |
|                       | 500 V (control contacts) |
| Rated surge voltage   | 8 kV (power contacts)    |
|                       | 6 kV (control contacts)  |
| Rated current         | 25 A (power contacts)    |
|                       | 16 A (control contacts)  |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |

### ETIM

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

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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## Approvals

Approvals submitted

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## Approval details

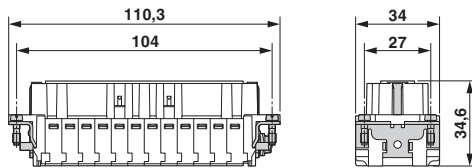
EAC

## Drawings

Diagram

Dimensional drawing

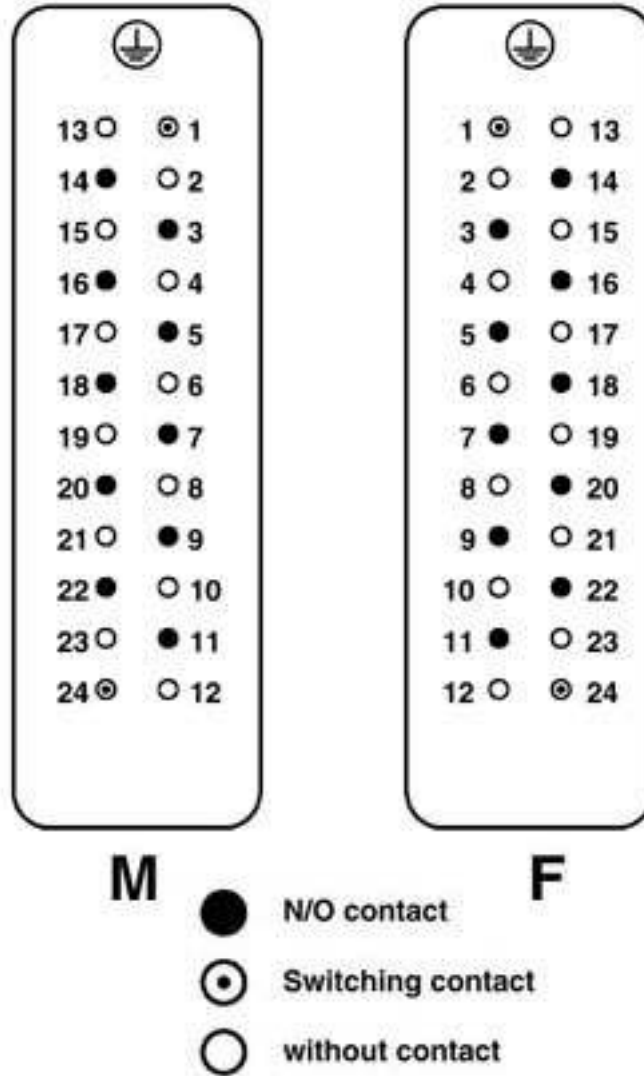
Derating  
diagram



Dimensional drawing

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Schematic diagram



View termination side