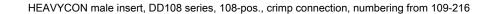


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Key commercial data

| Packing unit | 1 PCE |
|--------------------------------------|-----------------|
| GTIN | 4 017918 144906 |
| Weight per Piece (excluding packing) | 135.2 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| Note | For HEAVYCON ADVANCE housing of B24 type and HEAVYCON housing of B48 type, crimp contacts CK1,6-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 |



Technical data

General

| Design | DD108 | | | |
|---|---|--|--|--|
| Connection in acc. with standard | IEC / EN | | | |
| Conductor cross section | 0.14 mm² 2.5 mm² | | | |
| Connection cross section AWG | 26 14 | | | |
| Stripping length of the individual wire | 8 mm | | | |
| | 6 mm (2.5 mm²) | | | |
| Assembly instructions | -Housing heights with h >= 72 mm are recommended in the case of a large number of wiresUse of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed. | | | |

Ambient conditions

| Ambient temperature (operation) | 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 | 27140816 |
|------------|----------|
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |

ETIM

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



Classifications

UNSPSC

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

Approvals

| Approvato | | |
|---------------------|--|--|
| Approvals | | |
| Approvals | | |
| GOST | | |
| Ex Approvals | | |
| Approvals submitted | | |
| Approval details | | |

GOST COST

Accessories

Assembly tool

Removal tool - VC-EW 1,6 - 1884869



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

Coding element



Accessories

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



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

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

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

Mounting material

Mounting material - HC-B-PES - 1604997



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



Accessories

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

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

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

Plug assembly frame

Connector assembly frame - HC-SMR-B24 - 1687985



HEAVYCON connector assembly frame, for contact inserts of type B24

Plug mounting plate



Accessories

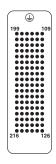
Connector assembly frame - HC-SMP 150-B24-AMQ - 1660944



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

Drawings

Schematic diagram



Diagram

Diagram

DD24

DD108

DD24

DD108

DD24

DD108

DD24

DD108

DD24

DD108

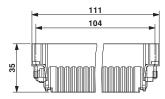
DD24

Ambient temperature [°C]

Connector pin assignment, connection side

Derating diagram

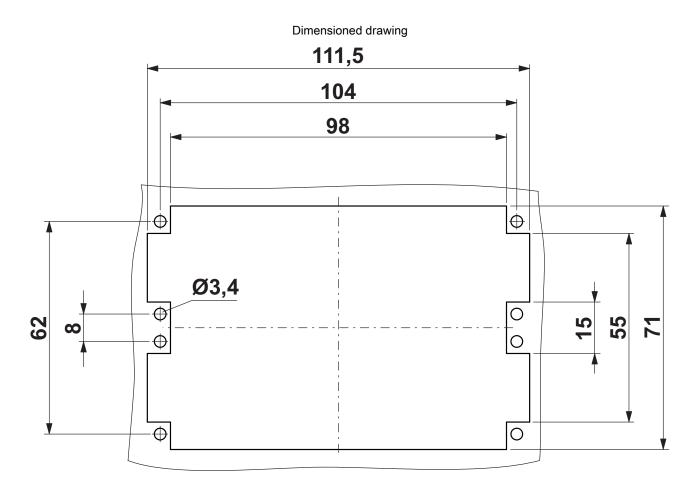
Dimensioned drawing





Male insert





Panel cutout

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