

Contact insert - HC-D 25-I-CT-F-Z - 1411481

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HEAVYCON socket insert, D25 series, 25-pos., crimp connection, with special printing (row C pos. 1 is printed with the letter Z)



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 48.0 g |
| Custom tariff number | 85366990 |
| Country of origin | China |

Technical data

General

| | |
|--|--|
| Note | For HEAVYCON housing type D25, CK1,6-ED crimp contacts (crimp contacts not supplied as standard) |
| Connection method | Crimp connection |
| Degree of pollution | 3 |
| Overvoltage 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 | 25+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | D25 |
| Connection in acc. with standard | IEC / EN |
| Conductor cross section | 0.14 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 26 ... 14 |

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Technical data

General

| | |
|---|--|
| Stripping length of the individual wire | 8 mm |
| Assembly instructions | - 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

| | |
|--|-----------------------|
| Flammability rating 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 |

Standards and Regulations

| | |
|--|----------------------------|
| Connection in acc. with standard | IEC / EN |
| 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 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27261205 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002498 |
| ETIM 5.0 | EC000438 |

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Approvals

Approvals


Approvals

UL Recognized / EAC / CSA / GL


Ex Approvals

Approvals submitted

Approval details

| | |
|--|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 14 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 600 V |

| |
|-----|
| EAC |
|-----|

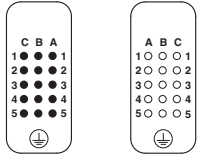
| | |
|---|-------|
| CSA  | |
| mm ² /AWG/kcmil | 14 |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 600 V |

| |
|----|
| GL |
|----|

Drawings

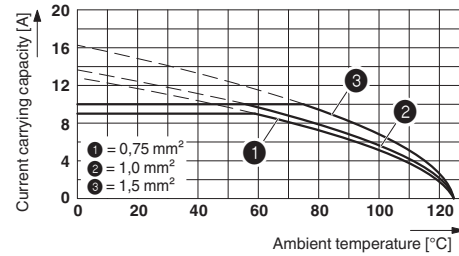
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Schematic diagram



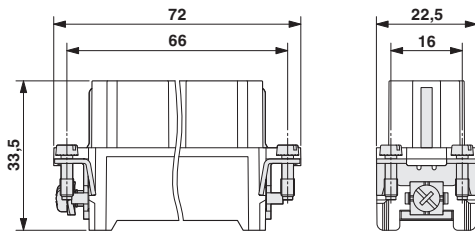
Connector pin assignment connection side: Left pin; right socket

Diagram



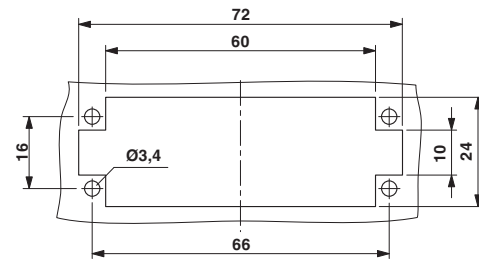
Derating diagram: HC-D...C series

Dimensional drawing



Female insert

Dimensional drawing



Mounting cutout when used without housing