

Contact insert - HC-D 8-ESTC - 1775758

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HEAVYCON male insert, D8 series, 8-pos., crimp connection, with IP65 sealing screw



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 10 pc |
| GTIN | |
| GTIN | 4017918100049 |

Technical data

General

| | |
|---|---|
| Note | For HC-D8 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply) |
| Connection method | Crimp connection |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 8 |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | D8 |
| Conductor cross section | 0.14 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 26 ... 14 |
| Stripping length of the individual wire | 8 mm |
| | 6 mm (for cross section 2.5 mm ²) |
| Assembly instructions | Connectors may be operated only when there is no load/voltage. |
| Connection | The inserts may only be used in plastic housings at voltages >42 V, since it is not possible to connect the protective conductor and the housing with each other. |

Ambient conditions

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

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Technical data

Material data

| | |
|--------------------------|-----------------------|
| Contact material | Copper alloy |
| Contact surface material | Ag (alternatively Au) |
| Contact carrier material | PA |

Electrical characteristics

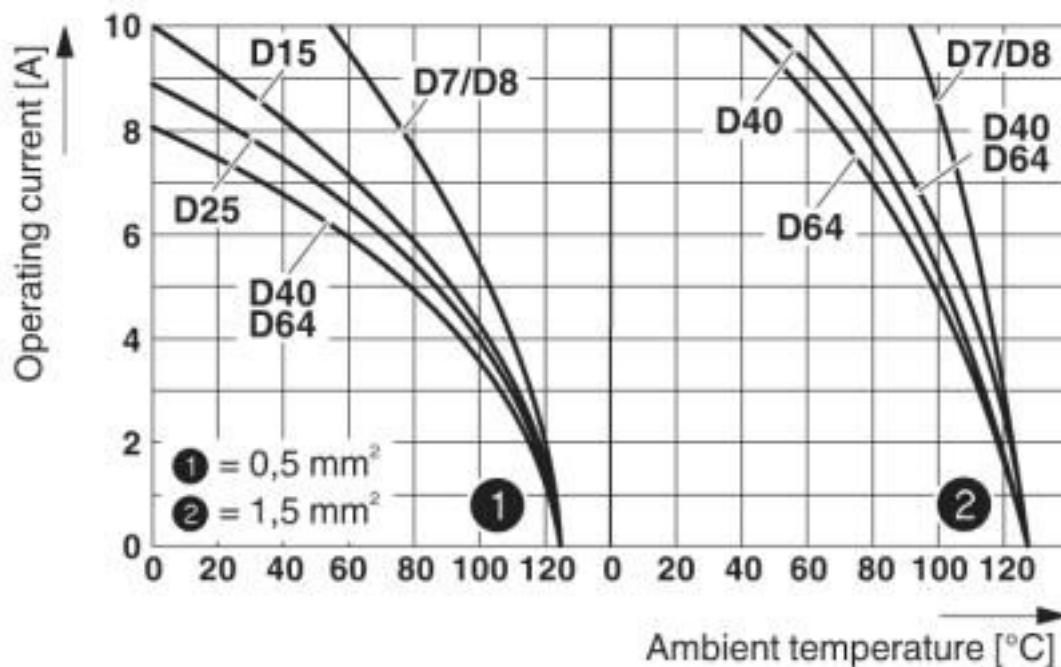
| | |
|-----------------------|--------|
| Rated voltage (III/3) | 50 V |
| Rated surge voltage | 0.8 kV |
| Rated current | 10 A |

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 |

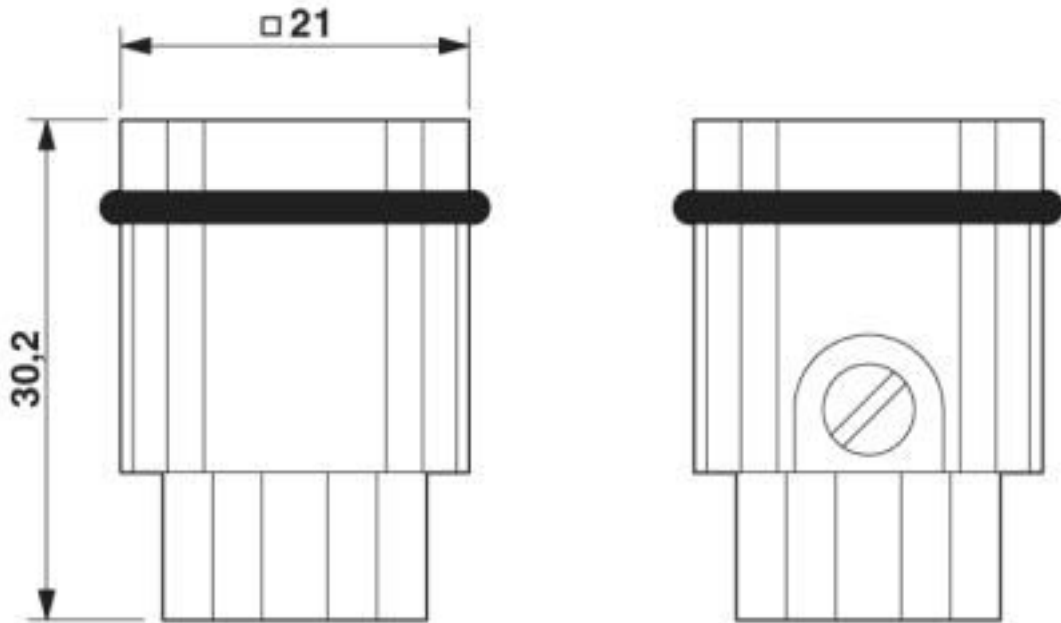
Drawings

Diagram



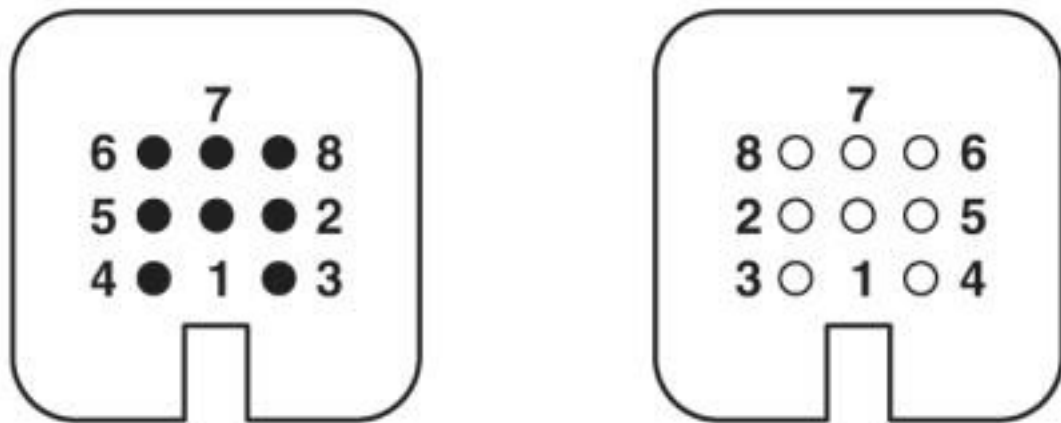
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Dimensional drawing



Male insert (turned contacts)

Schematic diagram



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 |
| eCl@ss 7.0 | 27440209 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |
| UNSPSC 19.0 | 39121522 |

Approvals


Approvals

Approvals

CSA / EAC

Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|--------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 212533 |
| Nominal voltage UN | 300 V | | |
| Nominal current IN | 10 A | | |
| mm ² /AWG/kcmil | 22-16 | | |

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.AI30.B.01102 |
|-----|---|--------------------------|

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