

Contact insert - HC-A10-I-UT-M - 1585294

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HEAVYCON male insert, A10 series, 10-pos., screw connection

Why buy this product

- can be coded with plastic coding profile (order number 1410916)
- for a test pin 2 mm in diameter



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 STK |
| GTIN | |
| GTIN | 4046356285025 |

Technical data

General

| | |
|---|--|
| Note | for housing HC-D15 |
| Connection method | Screw connection |
| Tightening torque | 0.5 Nm |
| Screwdriver blade | 0.5 x 3.5 mm |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 10+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | D15 |
| Conductor cross section | 0.5 mm ² ... 2.5 mm ² (Applies to stranded conductors with ferrules) |
| Connection cross section AWG | 20 ... 14 |
| Stripping length of the individual wire | 7 mm |
| Assembly instructions | Connectors may be operated only when there is no load/voltage. |

Ambient conditions

Contact insert - HC-A10-I-UT-M - 1585294

Technical data

Ambient conditions

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

Material data

| | |
|--------------------------|--------------|
| Contact material | Copper alloy |
| Contact surface material | Ag |
| Contact carrier material | PC |

Electrical characteristics

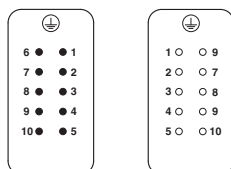
| | |
|-----------------------|-------|
| Rated voltage (III/3) | 250 V |
| Rated surge voltage | 4 kV |
| | 4 kV |
| Rated current | 20 A |

Standards and Regulations

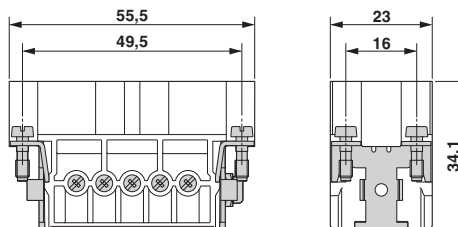
| | |
|--|----------|
| Connection in acc. with standard | IEC / EN |
| Flammability rating according to UL 94 | V0 |

Drawings

Schematic diagram



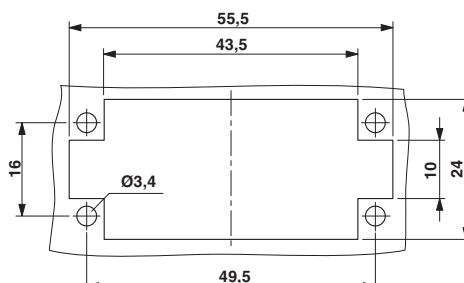
Dimensional drawing



Pin assignment, connection side, pin left, socket right

Male insert

Dimensional drawing



Panel cutout

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Approvals

Approvals

Approvals


EAC / GL / UL Recognized / CSA


Ex Approvals

Approval details

| | | | |
|-----|---|---|---------------------|
| EAC |  | http://exchange.dnv.com/tari/ | 7500651.22.01.00246 |
|-----|---|---|---------------------|

| | | | |
|----|--|---|------------|
| GL |  | http://exchange.dnv.com/tari/ | 6196614 HH |
|----|--|---|------------|

| | | | |
|----------------------------|---|---|---------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E118976 |
| mm ² /AWG/kcmil | 14 | | |
| Nominal current IN | 19 A | | |
| Nominal voltage UN | 600 V | | |

| | | | |
|----------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| mm ² /AWG/kcmil | 14 | | |
| Nominal current IN | 15 A | | |
| Nominal voltage UN | 600 V | | |

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