


HC-A 3-ESTS

Order No.: 1773080




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1773080>

HEAVYCON male insert, A3 series, 3-pos., screw connection without wire protection

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 122300 |
| sales group | D014 |
| Pack | 10 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 422 (PC-2009) |

Product notes

WEEE/RoHS-compliant since:
01/31/2006



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| Technical data | |
|---------------------------------|--|
| General data | |
| Note | For housing HC-D7 |
| Connection method | Screw connection |
| Tightening torque | 0.25 Nm |
| Ambient temperature (operation) | -40 °C ... 125 °C (including heating up of contacts) |
| 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 | 3 |
| Insertion/withdrawal cycles | ≥ 500 |
| Design | A3 |
| Connection in acc. with standard | IEC / EN |
| Conductor cross-section | 0.5 mm ² ... 1.5 mm ² |
| Connection cross-section AWG | 20 ... 16 |
| Stripping length of the individual wire | 5 mm |
| Assembly instructions | Connectors may only be actuated when there is no load/voltage. |

Material data

| | |
|------------------------------------|--------------|
| Inflammability class acc. to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | Ag |
| Contact carrier material | PA |

Electrical characteristics

| | |
|-----------------------|-----------------------------|
| Rated voltage (III/3) | 230 V (Conductor-PE) |
| | 400 V (Conductor-Conductor) |
| Rated surge voltage | 4 kV |
| Rated current | 10 A |

Certificates / Approvals

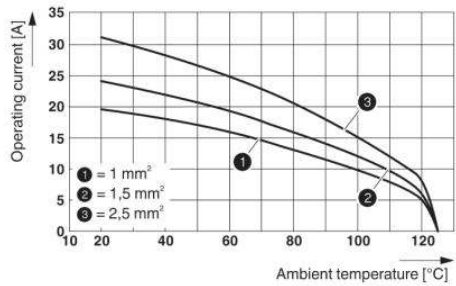


Certification

CSA, GOST, UL

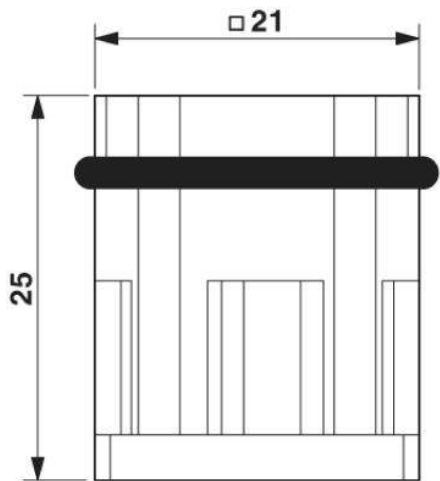
Diagrams/Drawings

Diagram



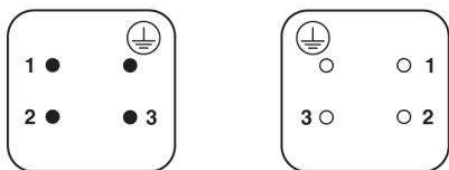
Derating diagram: Series HC-A 3-E..S / HC-A 4-E..S

Dimensioned drawing



Male insert

Schematic diagram



Connector pin assignment connection side: Left pin; right socket

Address

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