

Contact insert - HC-A 10-ESTC - 1676996

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

The illustration shows version HC-A 10-ESTS

Key commercial data

| | |
|-------------------------|---------------|
| package_quantity | 10 |
| GTIN | 4017918129613 |

Technical data

General

| | |
|--|---|
| Note | For HC-D25 housing, crimp contact CK2,5-ED (crimp contacts not included in scope of supply) |
| Connection method | Crimp connection |
| Pollution degree | 3 |
| Surge voltage category | III |
| Constructional and testing regulations | DIN VDE 0627/86 |
| Constructional and testing regulations | DIN VDE 0110/02.79 |
| Constructional and testing regulations | DIN VDE 0110-1/04.97 |
| Constructional and testing regulations | IEC 60664-1, DIN IEC 60512 |
| Constructional and testing regulations | IEC 60352 |
| Number of positions | 10+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Design | D15 |
| Connection in acc. with standard | IEC / EN |
| Conductor cross section | 0.5 mm ² ... 4 mm ² |
| Connection cross section AWG | 20 ... 12 |
| Stripping length of the individual wire | 8 mm |
| Assembly instructions | Connectors may be operated only when there is no load/voltage. |

Ambient conditions

| | |
|--|--|
| 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 |

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Technical data

Material data

| | |
|---------------------------------|-----------------------|
| 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 | 16 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 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440209 |

ETIM

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


UNSPSC

| | |
|----------------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |

approvals

CSA / UL Recognized / GOST / cUL Recognized / cULus Recognized /

Approval details

| | |
|---|-------|
|  | |
| Nominal voltage UN | 600 V |

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approvals

| | |
|--------------------------------|-------|
| | |
| Nominal current I _N | 10 A |
| mm ² /AWG/kcmil | 20-13 |

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

| |
|-------------|
| GOST |
|-------------|

| | |
|--------------------------------|-------|
| cUL Recognized | |
| | |
| Nominal voltage U _N | 600 V |
| Nominal current I _N | |
| mm ² /AWG/kcmil | |

| |
|-------------------------|
| cULus Recognized |
|-------------------------|

accessories

Mounting material

HC-A-PES - 1584868



Coding element

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accessories

HC-CST - 1676857



HC-CBU - 1676860



HC-CB - 1772722



Assembly tool

CK2,5-EWZ - 1662722



Crimp contact

CK2,5-ED-0,50ST AG - 1663572



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accessories

CK2,5-ED-0,75ST AG - 1663585



CK2,5-ED-1,00ST AG - 1663598



CK2,5-ED-1,50ST AG - 1663608



CK2,5-ED-2,50ST AG - 1663611



CK2,5-ED-3,00ST AG - 1663624



CK2,5-ED-4,00ST AG - 1663637



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accessories

CK2,5-ED-0,50ST AU - 1674804



CK2,5-ED-1,00ST AU - 1674781



CK2,5-ED-1,50ST AU - 1674778



CK2,5-ED-2,50ST AU - 1674817



CK2,5-ED-4,00ST AU - 1674794



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accessories

CK2,5-ED-0,37ST AG - 1585650

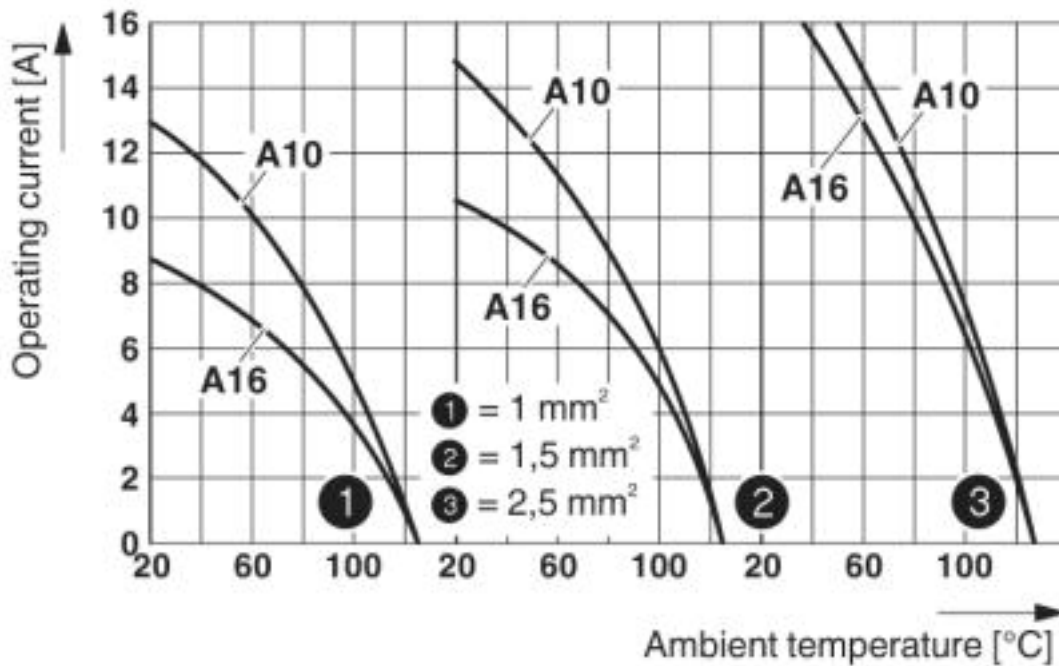


CK2,5-ED-0,37ST AU - 1585663



Drawings

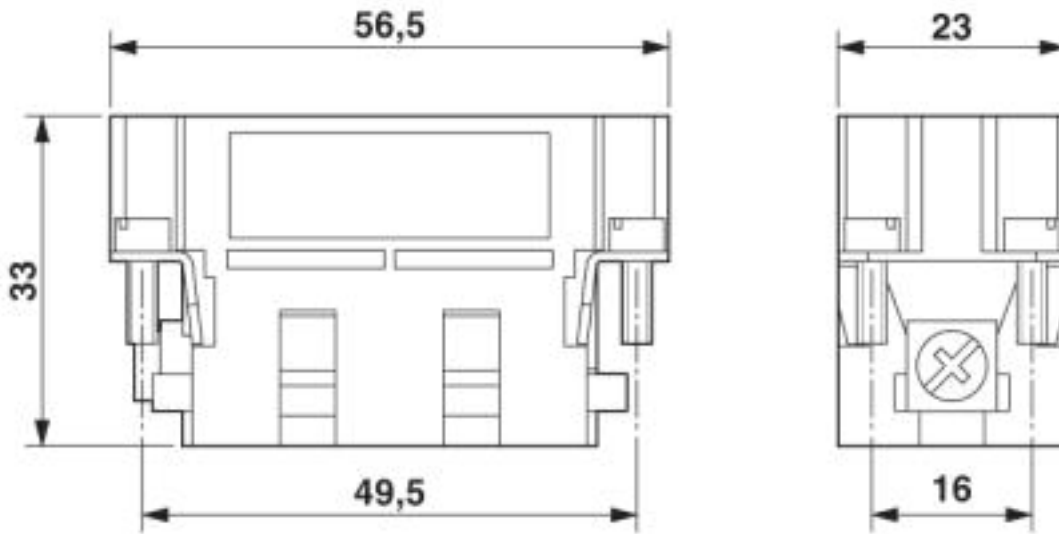
Diagram



Derating diagram: HC-A...C series

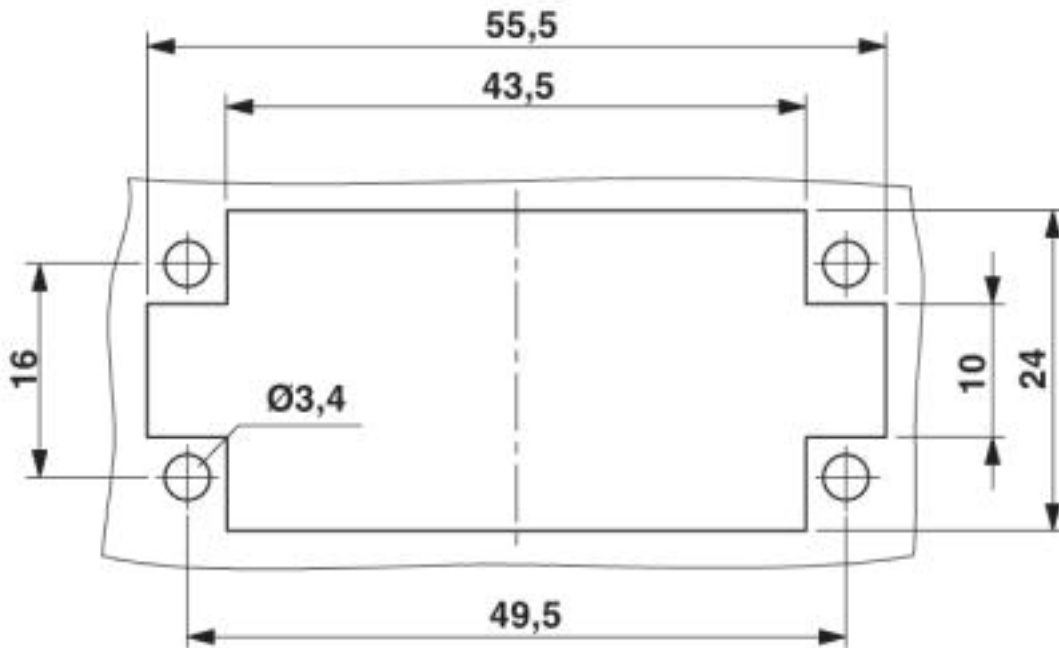
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Dimensioned drawing



Male insert

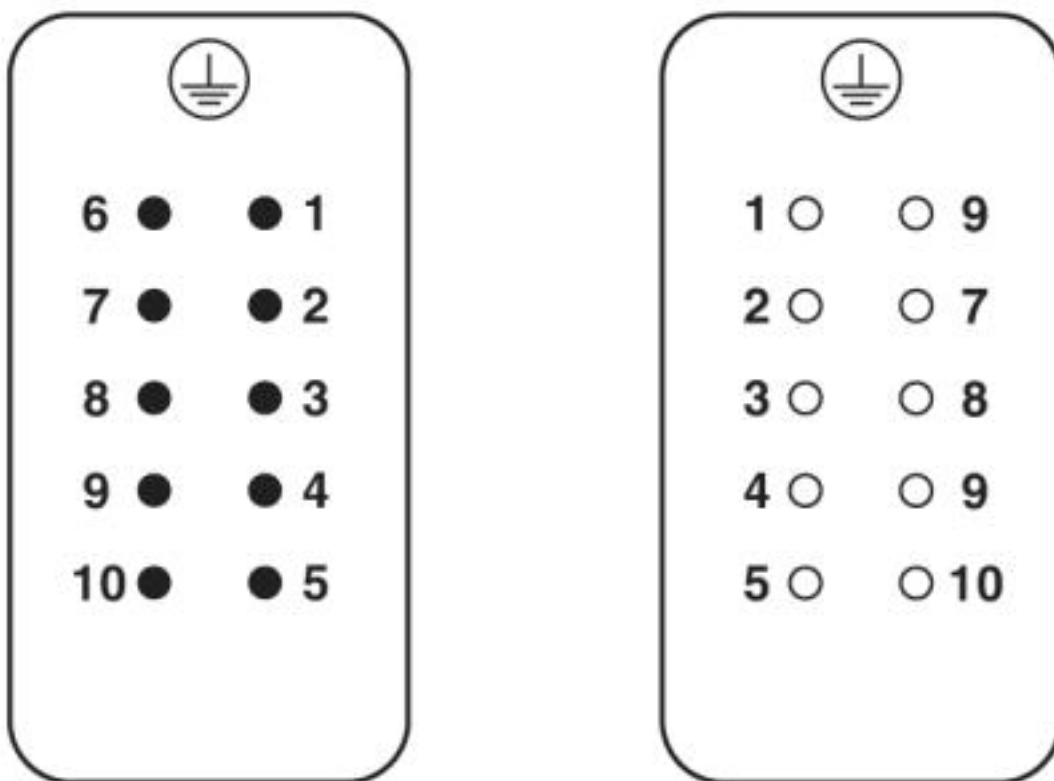
Dimensioned drawing



Panel cutout

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Schematic diagram



Connector pin assignment, connection side

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