

Contact insert - HC-COM- 8-EBUC - 1408494


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HEAVYCON crimp contact insert for compact plastic housing; socket version; 8-pos. + PE



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 2 pc |
| Minimum order quantity | 2 pc |
| GTIN |  4 046356 618205 |
| Weight per Piece (excluding packing) | 16.35 g |
| Custom tariff number | 85366990 |
| Country of origin | China |

Technical data

General

| | |
|---|---|
| Note | For crimp contacts CK2,5-ED... |
| Connection method | Crimp connection |
| Pollution degree | 3 |
| Surge voltage category | III |
| Number of positions | 8+PE |
| No. of power contacts | 8 |
| Insertion/withdrawal cycles | ≥ 500 |
| Type | COM |
| 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 | 7.5 mm |

Ambient conditions

| | |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C ... 100 °C (including heating up of contacts) |
|---------------------------------|--|

Material data

Contact insert - HC-COM- 8-EBUC - 1408494

Technical data

Material data

| | |
|---|-----------------------|
| Inflammability class according to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | Ag (alternatively Au) |
| Contact carrier material | PC |

Electrical characteristics

| | |
|----------------------------------|-------|
| Rated voltage for power contacts | 500 |
| Rated voltage (III/3) | 500 V |
| Rated surge voltage | 6 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 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000437 |
| ETIM 5.0 | EC000437 |

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Contact insert - HC-COM- 8-EBUC - 1408494

Approvals

Approvals submitted

Approval details

| | |
|----------------------------|-------|
| UL Recognized | |
| mm ² /AWG/kcmil | 20-12 |
| Nominal voltage UN | 600 V |

| | |
|----------------------------|-------|
| cUL Recognized | |
| mm ² /AWG/kcmil | 20-12 |
| Nominal voltage UN | 600 V |

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

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

Accessories

Accessories

Assembly tool

Contact removal tool - CK2,5-EWZ - 1662722



Contact removal tool, for turned CK 2,5... contacts

Coding element

Contact insert - HC-COM- 8-EBUC - 1408494

Accessories

Dummy socket - CK2,5-ED-BB - 1584693



Dummy socket for contact carrier with turned CK 2,5-ED... socket contacts. For HC-A../HC-BB../HC-M... series contact inserts.

Crimp contact

Crimp contact - CK2,5-ED-0,50BU AG - 1663640



Turned 2.5 crimp contact, individual female contact, core diameter 0.5 mm², silver-plated

Crimp contact - CK2,5-ED-0,75BU AG - 1663653



Turned 2.5 crimp contact, individual female contact, core diameter 0.75 mm², silver-plated

Crimp contact - CK2,5-ED-1,00BU AG - 1663666



Turned 2.5 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm², silver-plated

Crimp contact - CK2,5-ED-1,50BU AG - 1663679



Turned 2.5 crimp contact, individual female contact, core diameter 1.5 mm², silver-plated

Contact insert - HC-COM- 8-EBUC - 1408494

Accessories

Crimp contact - CK2,5-ED-2,50BU AG - 1663682



Turned 2.5 crimp contact, individual female contact, core diameter 2.5 mm², silver-plated

Crimp contact - CK2,5-ED-3,00BU AG - 1663695



Turned 2.5 crimp contact, individual female contact, core diameter 3.00 mm², silver-plated

Crimp contact - CK2,5-ED-4,00BU AG - 1663705



Turned 2.5 crimp contact, individual female contact, core diameter 4.00 mm², silver-plated

Crimp contact - CK2,5-ED-0,50BU AU - 1674859



Turned 2.5 crimp contact, individual female contact, core diameter 0.5 mm², gold-plated

Crimp contact - CK2,5-ED-1,00BU AU - 1674833



Turned 2.5 crimp contact, individual female contact, core diameter 0.75 to 1.0 mm², gold-plated

Contact insert - HC-COM- 8-EBUC - 1408494

Accessories

Crimp contact - CK2,5-ED-1,50BU AU - 1674820



Turned 2.5 crimp contact, individual female contact, core diameter 1.5 mm², gold-plated

Crimp contact - CK2,5-ED-2,50BU AU - 1674862



Turned 2.5 crimp contact, individual female contact, core diameter 2.5 mm², gold-plated

Crimp contact - CK2,5-ED-4,00BU AU - 1674846



Turned 2.5 crimp contact, individual female contact, core diameter 4.00 mm², gold-plated

Crimping tool

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

- CK2,5-ED-0,37BU AG - 1585634



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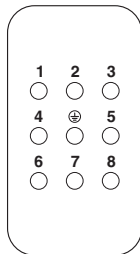
Accessories

- CK2,5-ED-0,37BU AU - 1585647



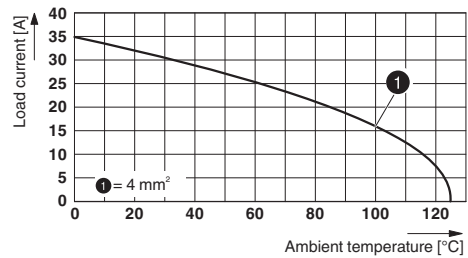
Drawings

Schematic diagram



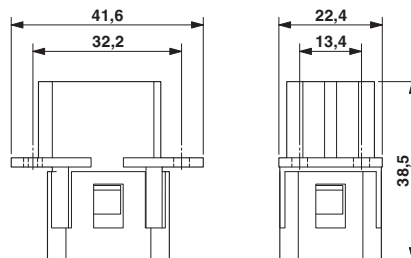
Connector pin assignment, connection side

Diagram



Derating diagram for 4 mm²

Dimensioned drawing



HC-COM-8-EBUC dimensional drawing