

Contact insert - HC-HS06-I-UT-M 7-12 - 1406534

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HEAVYCON male insert, HS6 series, screw connection, numbering from 7-12

Your advantages

- For fast coding with plastic profile

Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356926287 |
| Weight per Piece (excluding packing) | 91.620 g |
| Custom tariff number | 85366990 |
| Country of origin | China |

Technical data

General

| | |
|------------------------------|--|
| Note | For HEAVYCON housing B16 and B32 |
| Connection method | Screw connection |
| Tightening torque | 1.2 Nm |
| Screwdriver blade | PH1 |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 6+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | B16 |
| Contact numbering | 7 - 12 |
| Conductor cross section | 0.5 mm ² ... 6 mm ² (power contacts) |
| Connection cross section AWG | 20 ... 10 |

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Technical data

General

| | |
|---|---|
| Stripping length of the individual wire | 10 mm |
| Assembly instructions | To ensure correct use, installation in housing with IP54 protection or better is required |
| Connection | Connectors may only be actuated when there is no load/voltage. |

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 |
| Standards/regulations | PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |

Electrical characteristics

| | |
|----------------------------------|---|
| Rated voltage for power contacts | 400/690 V |
| Rated voltage (III/3) | 400 V (Conductor-PE) 690 V (Conductor-Conductor) |
| Rated surge voltage | 6 kV (power contacts) |
| Rated current | 41 A (power contacts) |

Standards and Regulations

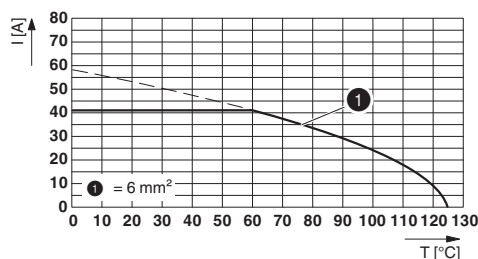
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

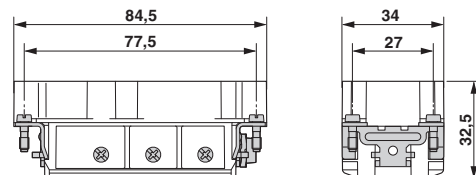
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Diagram



Dimensional drawing

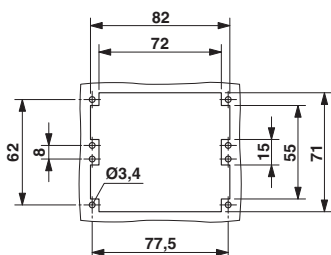


Male insert

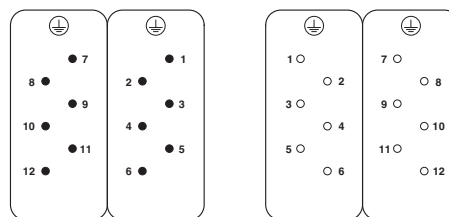
Derating diagram

Contact insert - HC-HS06-I-UT-M 7-12 - 1406534

Dimensional drawing



Schematic diagram



Connector pin assignment, connection side

Mounting cutout when used without housing

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27261200 |
| eCl@ss 6.0 | 27261200 |
| eCl@ss 7.0 | 27440205 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121522 |
|-------------|----------|

Approvals

Approvals

Approvals

CSA / GL / UL Recognized / EAC

Ex Approvals

Approval details

| | | | |
|--------------------|--|---|--------------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 013631_0_000 |
| Nominal voltage UN | | 600 V | |

Contact insert - HC-HS06-I-UT-M 7-12 - 1406534

Approvals

| | |
|--------------------|------|
| Nominal current IN | 32 A |
| mm²/AWG/kcmil | 10 |

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

| | | | |
|--------------------|-------|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal voltage UN | 600 V | | |
| Nominal current IN | 35 A | | |
| mm²/AWG/kcmil | 10 | | |

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

Accessories

Accessories

Coding element

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

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Accessories

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

Coding profile - CP-HC - 1686478



Coding profile, 4 coding profiles per strip, for insertion in coding keyways

Mounting material

Screw - HC-HS-PES - 1586219



PE screw, for HC-HS contact inserts
