

# Contact insert - HC-HS06-I-UT-M - 1406531

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HEAVYCON male insert, HS6 series, 6-pos., screw connection

## Why buy this product

- For fast coding with plastic profile

## Key commercial data

Packing unit	1 pc
GTIN	 4 046356 926270
Weight per Piece (excluding packing)	91.4 g
Custom tariff number	85366990
Country of origin	China

## Technical data

### General

Note	For HEAVYCON housing B6 to B48
Connection method	Screw connection
Tightening torque	1.2 Nm
Screwdriver blade	PH1
Pollution degree	3
Surge voltage category	III
Number of positions	6+PE
Insertion/withdrawal cycles	≥ 500
Type	B16
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Connection cross section AWG	20 ... 10
Stripping length of the individual wire	10 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)
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## Technical data

### Material data

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### 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
Rated current	41 A

## Classifications

### eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440205

### ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438

## Approvals

### Approvals

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#### Approvals

UL Recognized / EAC

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

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## Approvals

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	10
Nominal current I <sub>N</sub>	35 A
Nominal voltage U <sub>N</sub>	600 V

EAC
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## 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

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



Encoding profile, 4 encoding profiles per strip, 40 strips per unit pack, for insertion in encoding grooves

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## Accessories

### Mounting material

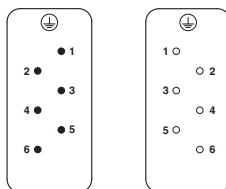
Screw - HC-HS-PES - 1586219



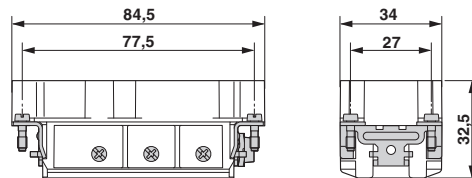
PE screw, for HC-HS contact inserts

## Drawings

Schematic diagram



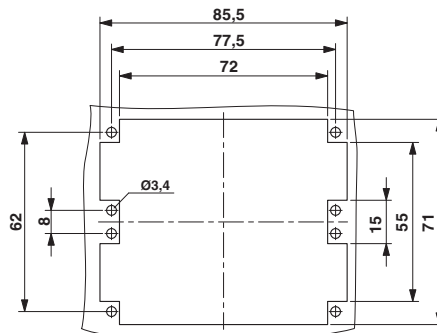
Dimensioned drawing



Male insert

Connector pin assignment, connection side

Dimensioned drawing



Panel cutout