

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

Why buy this product

- ☒ For fast coding with plastic profile

Key commercial data

Packing unit	1 pc
GTIN	 4 046356 926287
Weight per Piece (excluding packing)	22.22 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 ² ... 6 mm ²
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

Approvals

UL Recognized / EAC


Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 	
mm²/AWG/kcmil	10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

EAC

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 mismating 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

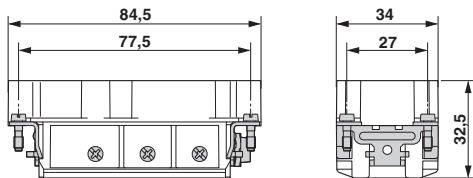
Screw - HC-HS-PES - 1586219



PE screw, for HC-HS contact inserts

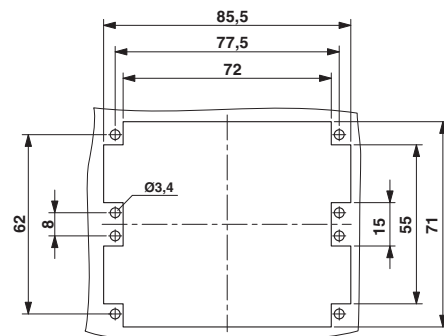
Drawings

Dimensioned drawing



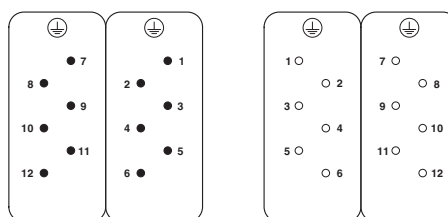
Male insert

Dimensioned drawing



Panel cutout

Schematic diagram



Connector pin assignment, connection side
