

Contact insert - HC-HS06-I-UT-F - 1406530

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

Product Features

- ✓ For fast coding with plastic profile

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 GRM
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	For HEAVYCON housing B6 and 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 mm² ... 6 mm²
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

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Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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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

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UL Recognized / EAC / EAC

Ex Approvals

Approvals submitted

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Approvals

Approval details

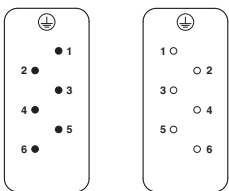
UL Recognized 	
mm²/AWG/kcmil	10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

EAC

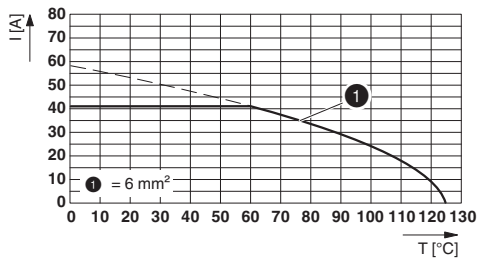
EAC

Drawings

Schematic diagram

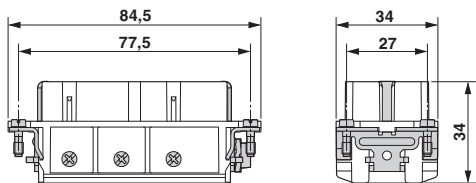


Diagram

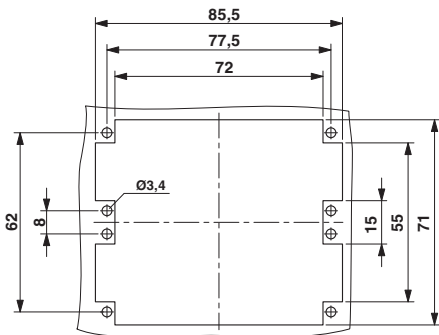


Connector pin assignment, connection side

Dimensioned drawing



Dimensioned drawing



Female insert

Panel cutout

