

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

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HEAVYCON male 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 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
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

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Technical data

Ambient conditions

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

Flammability rating according to UL 94	V0
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
Rated current	41 A

Standards and Regulations

Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438

Approvals

Approvals

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UL Recognized / EAC / EAC / CSA / GL

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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	10
Nominal current IN	35 A
Nominal voltage UN	600 V

EAC

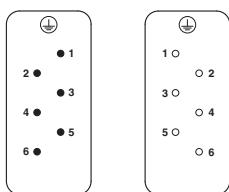
EAC

CSA 

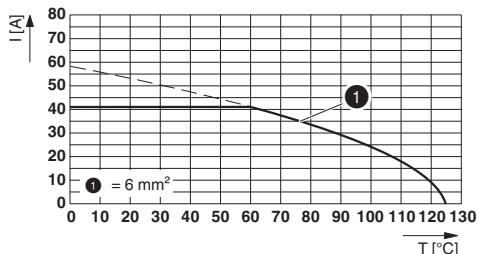
GL

Drawings

Schematic diagram



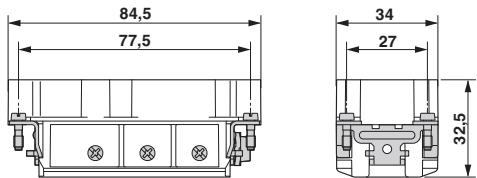
Diagram



Connector pin assignment, connection side

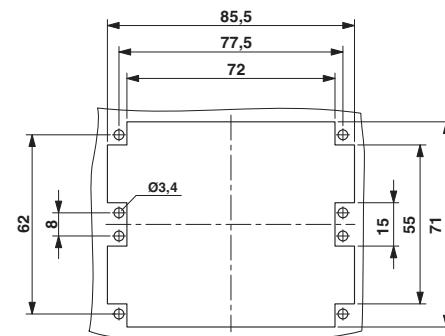
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Dimensional drawing



Male insert

Dimensional drawing



Panel cutout