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

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

Why buy this product

- For fast coding with plastic profile

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 921350

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 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

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

Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy

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

Technical data

Material data

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

Approvals

UL Recognized / EAC / EAC / CSA / GL

Ex Approvals

Approvals submitted

Approval details

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

Approvals

UL Recognized

mm²/AWG/kcmil	10
Nominal current IN	35 A
Nominal voltage UN	600 V

EAC

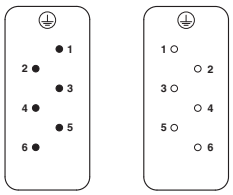
EAC

CSA

GL

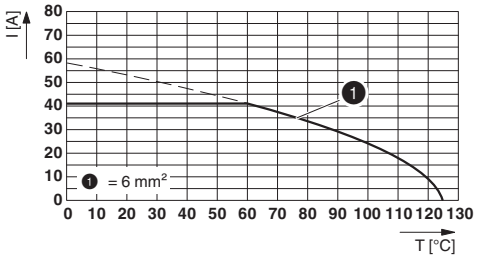
Drawings

Schematic diagram

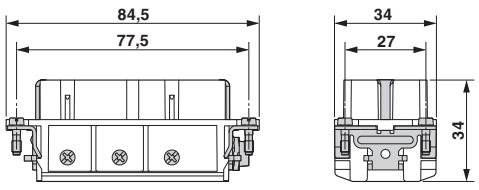


Connector pin assignment, connection side

Diagram

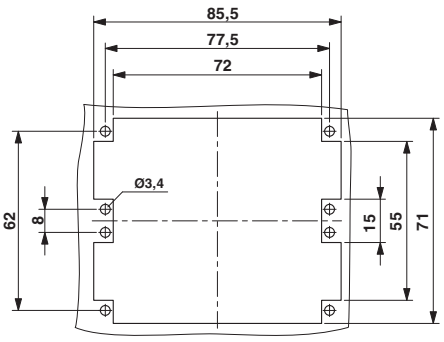


Dimensional drawing



Female insert

Dimensional drawing



Panel cutout

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Product	Code	Reference	Product link
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