

Contact insert - HC-HS 6-ESTS - 1773129

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



Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918037635

Technical data

General

Note	For housing HC-B16
Connection method	Screw connection
Tightening torque	1.2 Nm
Degree of pollution	3
Overvoltage category	III
Number of positions	6+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Contact numbering	1 - 6
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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Material data

Contact material	Copper alloy
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Technical data

Material data

Contact surface material	Ag
Contact carrier material	PA

Electrical characteristics

Rated voltage for power contacts	400/690 V
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	35 A

Standards and Regulations

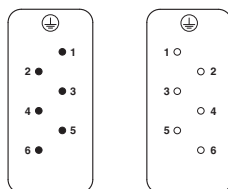
Connection in acc. with standard	CSA
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

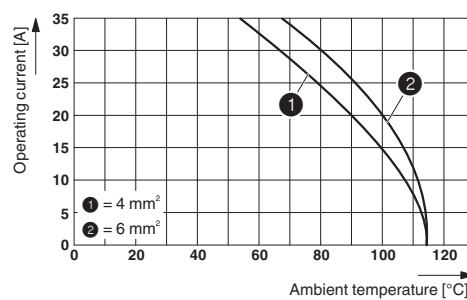
Drawings

Schematic diagram



Connector pin assignment, connection side

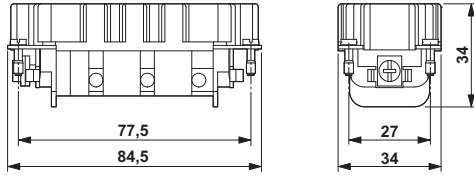
Diagram



Derating diagram: HC-HS...S series

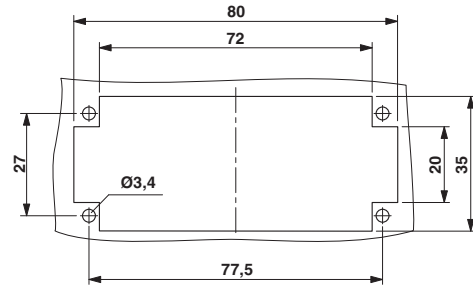
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Dimensional drawing



Male insert

Dimensional drawing



Mounting cutout

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