

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	1 pc
GTIN	 4 017918 037635
Weight per Piece (excluding packing)	95.64 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For housing HC-B16
Connection method	Screw connection
Tightening torque	1.2 Nm
Degree of pollution	3
Overvoltage category	III
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
Number of positions	6+PE
Insertion/withdrawal cycles	≥ 500
Type	B16
Connection in acc. with standard	IEC / EN

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Technical data

General

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

Flammability rating according to UL 94	V0
Contact material	Copper alloy
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	IEC / EN
	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

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205

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Classifications

eCl@ss

eCl@ss 9.0	27440205
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ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals


Approvals

CSA / UL Recognized / EAC / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	20-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

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Approvals

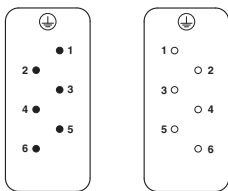
UL Recognized	
mm ² /AWG/kcmil	10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

EAC

EAC

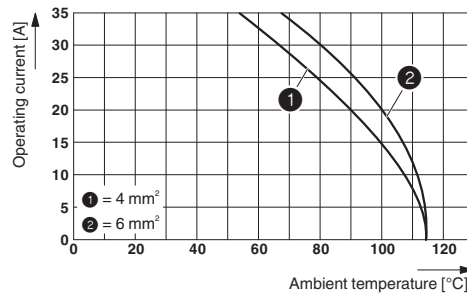
Drawings

Schematic diagram



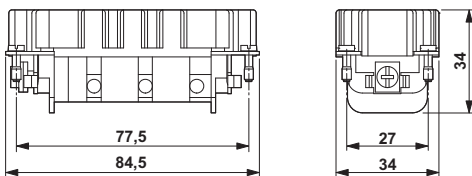
Connector pin assignment, connection side

Diagram



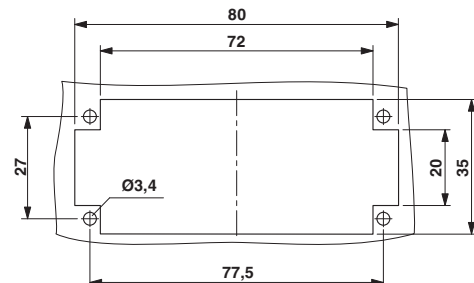
Derating diagram: HC-HS...S series

Dimensional drawing



Male insert

Dimensional drawing



Panel cutout

