

## Contact insert - HC-HS 6-EBUS - 1773132

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



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 037642
Weight per Piece (excluding packing)	104.84 GRM
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
Pollution degree	3
Surge voltage 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
Design	B16
Connection in acc. with standard	IEC / EN

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### Technical data

#### General

Conductor cross section	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
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

Inflammability class 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

### 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	27440209

#### ETIM

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

#### UNSPSC

UNSPSC 6.01	30211923
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

## Approvals

### Approvals

Approvals

CSA / UL Recognized / GOST

Ex Approvals

Approvals submitted

### Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	20-10
Nominal current I <sub>N</sub>	35 A
Nominal voltage U <sub>N</sub>	600 V

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	10
Nominal current I <sub>N</sub>	35 A
Nominal voltage U <sub>N</sub>	600 V

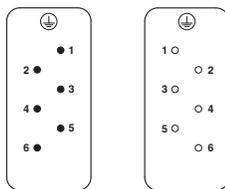
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## Approvals



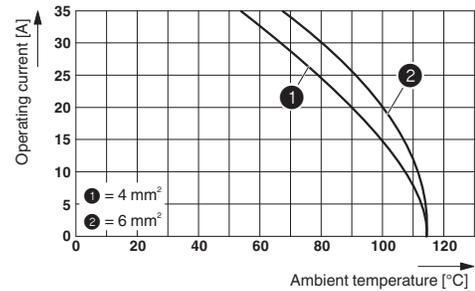
## Drawings

Schematic diagram



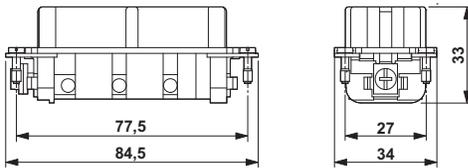
Connector pin assignment, connection side

Diagram



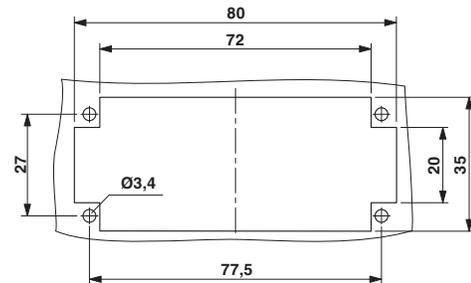
Derating diagram: HC-HS...S series

Dimensioned drawing



Female insert

Dimensioned drawing



Panel cutout