

# Contact insert - HC-HS 6-EBUS-12 - 1674561

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HEAVYCON female insert, HS6 series, screw connection, numbering from 7-12

The figure shows version HC-HS 6-EBUS



## Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918144845

## Technical data

### General

Note	For HEAVYCON-ADVANCE housings of B16 type and HEAVYCON housings of B32 type
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	7 - 12
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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## Technical data

### Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

### Electrical characteristics

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	35 A

### Standards and Regulations

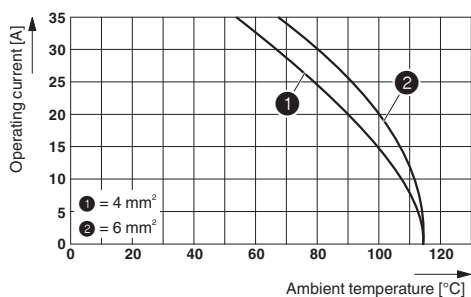
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
Flammability rating according to UL 94	V0

### Environmental Product Compliance

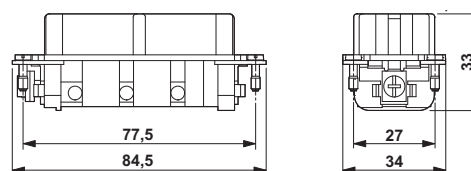
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Diagram



Dimensional drawing

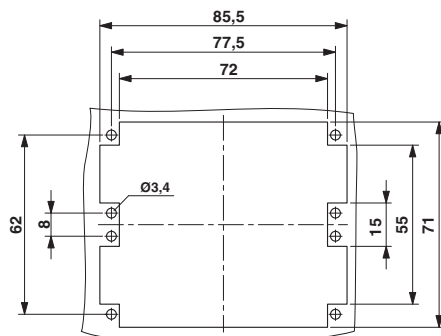


Female insert

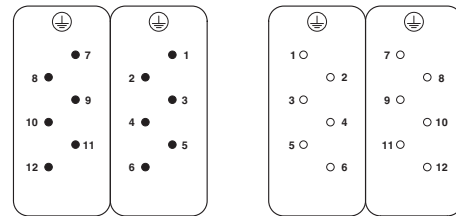
Derating diagram: HC-HS...S series

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Dimensional drawing



Schematic diagram



Connector pin assignment, connection side

Mounting cutout

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