

Contact insert - HC-B 16-ESTZ - 1687891

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HEAVYCON male housing for B16 housing, with 16 contacts, spring-cage connection



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918849627

Technical data

General

Note	For housing HC-B16
Connection method	Spring-cage connection
Degree of pollution	3
Overvoltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Contact numbering	1 - 16
Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm ±1 mm
Connection	For housings of type B16/B32. Connectors may only be actuated 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	PC

Electrical characteristics

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Standards and Regulations

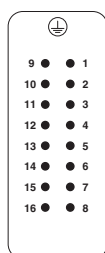
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

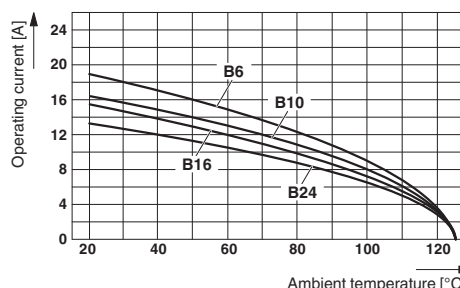
Drawings

Schematic diagram



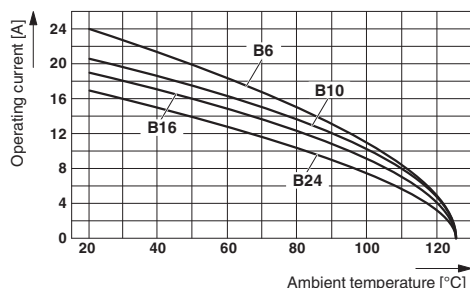
Connector pin assignment, connection side

Diagram



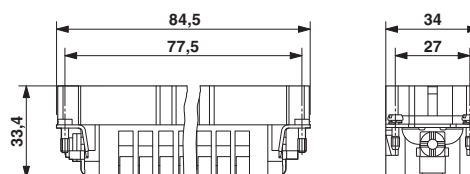
The figure shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 1.5 mm²

Diagram



The figure shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 2.5 mm²

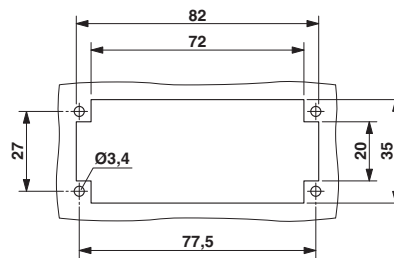
Dimensional drawing



Male insert

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Dimensional drawing



Mounting cutout

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