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Contact insert - HC-B 16-EBUZZ - 1647404

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HEAVYCON female insert, B16 series, 16-pos., 2 spring-cage connections per contact

Key Commercial Data

Packing unit	1 STK
GTIN	4 017918 948917

Technical data

General

Note	For housing HC-B16
Connection method	Spring-cage connection
Tightening torque	0.5 Nm
Degree of pollution	3
Overvoltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	10 mm ±1 mm
Assembly instructions	For housing h ≥ 72 mm. Connectors may be operated only when there is no load/voltage.
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)

Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

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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	UL
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
eCl@ss 9.0	27440205

ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502
UNSPSC 11	31261502
UNSPSC 12.01	31261502
UNSPSC 13.2	31261502

Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Contact insert - HC-B 16-EBUZZ - 1647404

Approvals

Approvals submitted

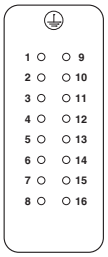
Approval details

UL Recognized

EAC

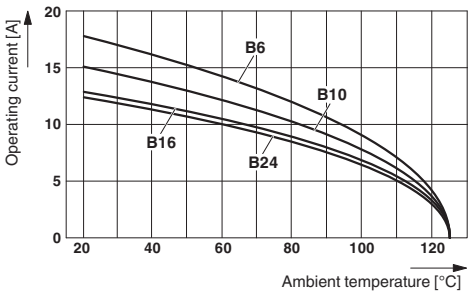
Drawings

Schematic diagram



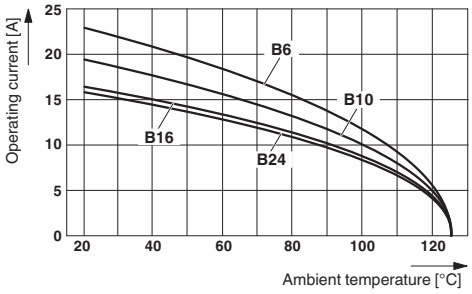
Connector pin assignment, connection side

Diagram



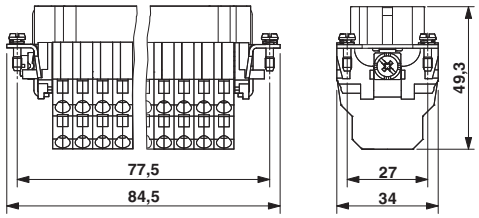
The illustration shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 1.5 mm²

Diagram



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

Dimensional drawing



Dimensional drawing

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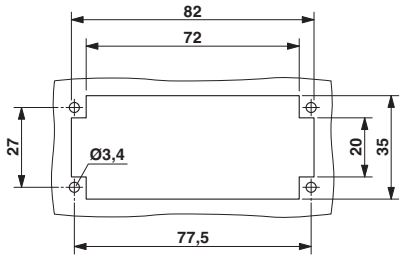
Dimensional drawing



Panel cutout

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