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 PCE
GTIN	4 017918 948917
Weight per Piece (excluding packing)	124.5 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Note	For housing HC-B16
Connection method	Spring-cage connection
Tightening torque	0.5 Nm
Pollution degree	3
Surge voltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Design	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.

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Technical data

General

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

Inflammability class according to UL 94	V0
Contact material	Copper alloy
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

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 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

Contact insert - HC-B 16-EBUZZ - 1647404

Approvals

Approvals

Approvals

UL Recognized / GOST

Ex Approvals

Approvals submitted

Approval details

UL Recognized

GOST

Accessories

Accessories

Coding element

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismating of up to six connectors with an identical number of positions

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Accessories

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Mounting material

Mounting material - HC-B-PES - 1604997



PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64

Strain relief clamp - HC-B-ZG - 1685327



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit

Strain relief clamp - HC-B-ZS - 1685330

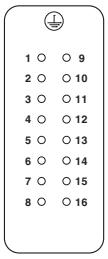


Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit

Drawings

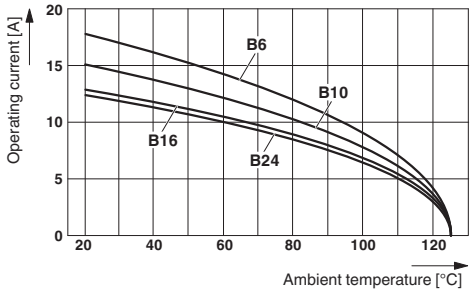
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Schematic diagram



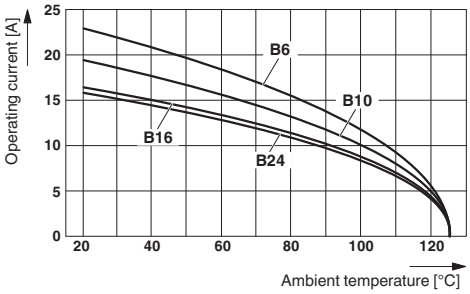
Connector pin assignment, connection side

Diagram



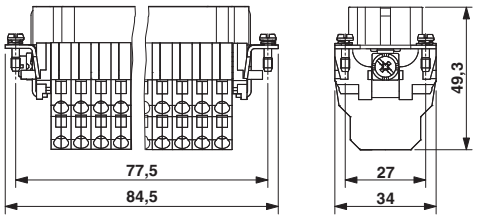
The illustration shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 1.5 mm²

Diagram



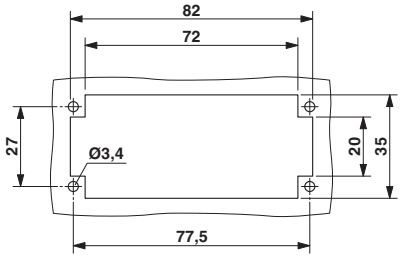
The illustration shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 2.5 mm²

Dimensioned drawing



Dimensional drawing

Dimensioned drawing



Panel cutout

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