Extract from the online catalog

HC-BB 32-EBUC

Order No.: 1687477



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1687477

HEAVYCON female insert, BB32 series, 32-pos., crimp connection

Commercial data	
GTIN (EAN)	4 017918 613914
sales group	D001
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 437 (PC-2009)

Product notes

WEEE/RoHS-compliant since: 10/31/2006

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General data

Note	For HC-B16 housing, crimp contacts CK 2,5-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
Pollution degree	3
Surge voltage category	III

Number of positions	32
Insertion/withdrawal cycles	≥ 500
Design	BB32
Conductor cross-section	0.5 mm² ... 4 mm²
Connection cross-section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm
Assembly instructions	- Housing heights of h ≥ 72 mm are recommended when there is a high number of wires.
Connection	Connectors may be plugged in only when there is no load/ voltage.

Material data

Inflammability class acc. to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Electrical characteristics

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

Certificates / Approvals

Certification CSA, GOST, UL

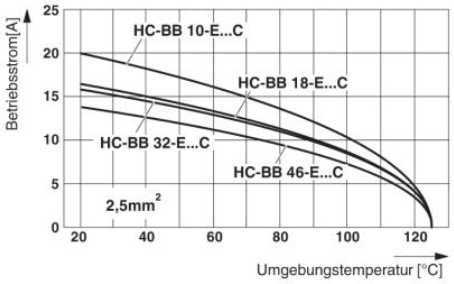
Accessories

Item	Designation	Description
General		
1584693	CK2,5-ED-BB	Dummy socket for contact carrier with turned CK 1,6-ED.. female contacts
1586138	HC-B 16-ANDOCK	Docking frame for racks, for contact inserts of B16 type, with four M5 flat headed screws, rack balance x/y axis +- 1.5 mm

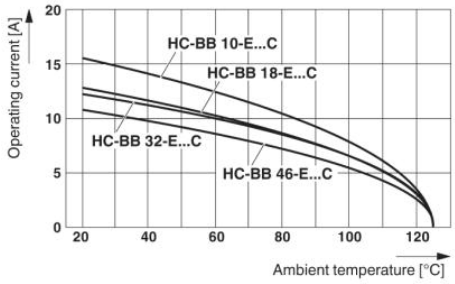
1660449	HC-B 24-ADP-B 16-GY	HEAVYCON adapter plate, type B24 on B16, for panel cutouts of type B24, gray
1644326	HC-B-3PE	PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts
1604997	HC-B-PES	PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64
1685327	HC-B-ZG	Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit
1685330	HC-B-ZS	Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit
1772722	HC-CB	Coding pin, prevents mismating of up to six plug connectors with an identical number of positions
1676860	HC-CBU	Keying socket for coding up to 16 plug connectors
1676857	HC-CST	Keying peg for coding up to 16 plug connectors
1660973	HC-SMP 125-B16-AMQ	HEAVYCON connector assembly frame with panel mounting base with double locking latch, for contact inserts of type B16
1687972	HC-SMR-B16	HEAVYCON connector assembly frame, for contact inserts of type B16

Diagrams/Drawings

Diagram

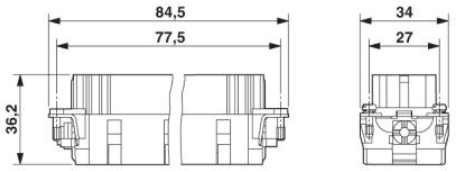


Derating diagram: Conductor cross section 2.5 mm²

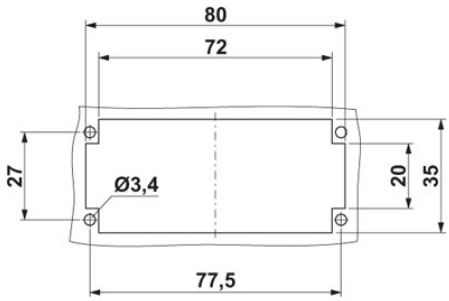


Derating diagram: Conductor cross section 1.5 mm²

Dimensioned drawing

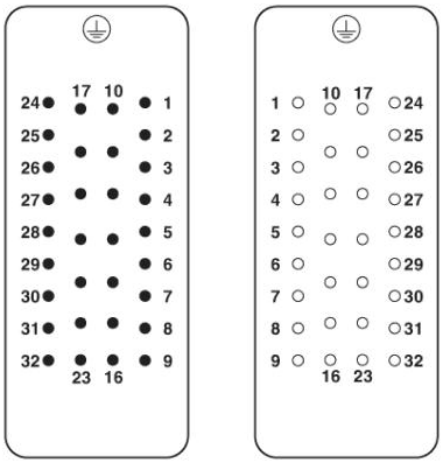


Female insert



Panel cutout

Schematic diagram



Connector pin assignment: Left pin - right socket

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