

HC-B 24-ESTZ

Order No.: 1687914



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1687914>

HEAVYCON male housing for B24 housing, with 24 contacts, spring-cage connection

Commercial data

GTIN (EAN)	 4 017918 849641
sales group	D000
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 433 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
06/27/2006



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Technical data

General data

Note	For housing HC-B24
Connection method	Spring-cage connection
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
Pollution degree	3
Surge voltage category	III

Number of positions	24
Insertion/withdrawal cycles	≥ 500
Design	B24
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 $\pm$ 1 mm
Connection	For housings of type B16/B32. Connectors may only be actuated when there is no load/voltage.

Material data

Inflammability class acc. 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

Certificates / Approvals



Certification

CUL, GOST, UL

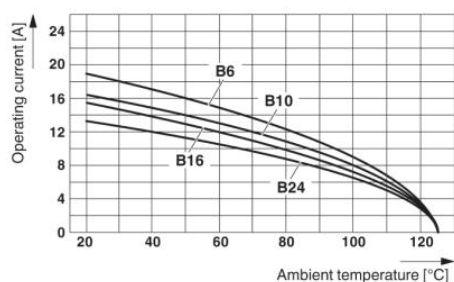
Accessories

Item	Designation	Description
General		
1586141	HC-B 24-ANDOCK	Docking frame for racks, for contact inserts of B24 type, with four M5 flat headed screws, rack balance x/y axis $\pm$ 1.5 mm
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

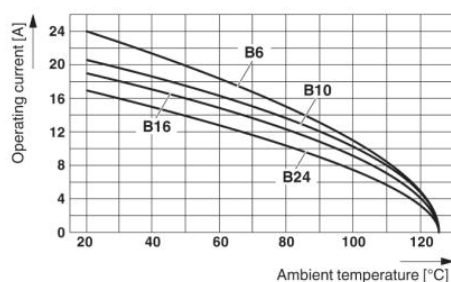
1685327	HC-B-ZG	Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit
1685330	HC-B-ZS	Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit
1772722	HC-CB	Coding pin, prevents mismating of up to six plug connectors 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
1660944	HC-SMP 150-B24-AMQ	HEAVYCON connector assembly frame with panel mounting base with double locking latch, for contact inserts of type B24
1687985	HC-SMR-B24	HEAVYCON connector assembly frame, for contact inserts of type B24

Diagrams/Drawings

Diagram

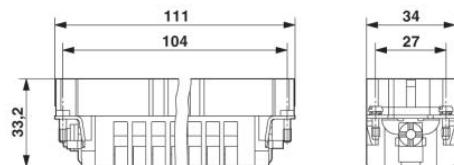


The illustration shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 1.5 mm²

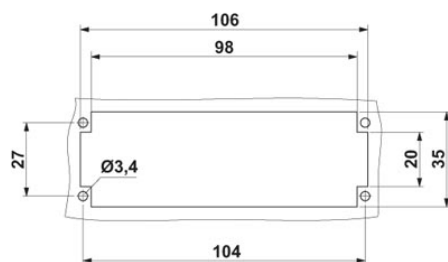


The illustration shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 2.5 mm²

Dimensioned drawing



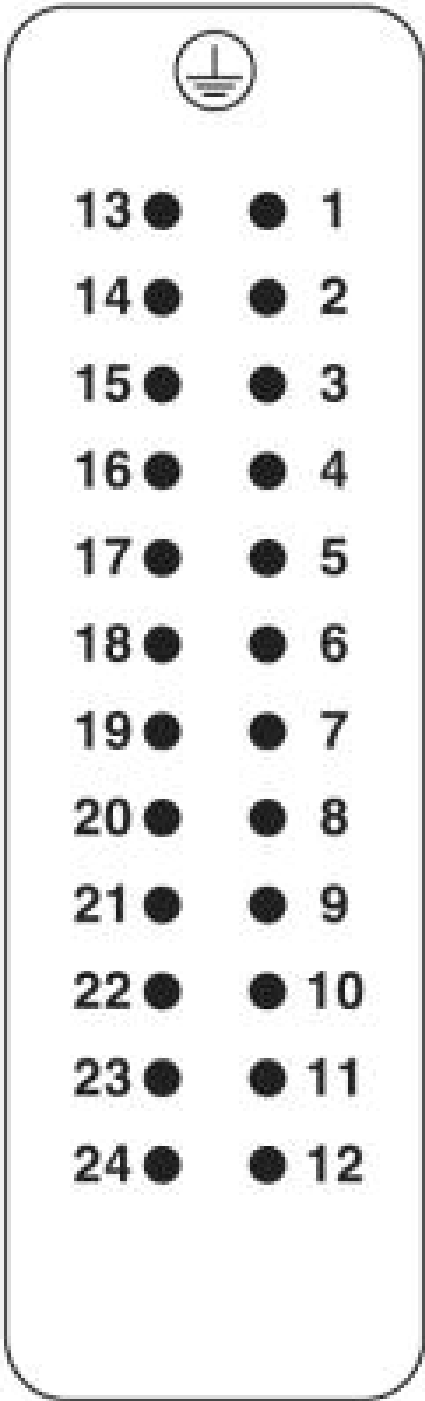
Male insert



Panel cutout

Schematic diagram

Connector pin assignment, connection side



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