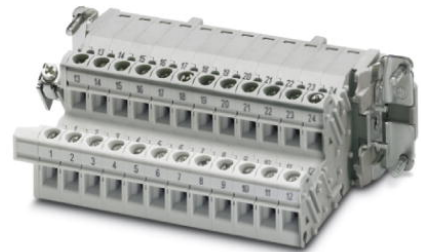


HC-B 24-A-UT-PER-F

Order No.: 1648102



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1648102>

HEAVYCON terminal adapter female insert, B24 series, 24-pos.,
left protective conductor connection for the right side of the control
cabinet, screw connection.

Commercial data

GTIN (EAN)	 4 017918 969752
Note	Made-to-order
sales group	D004
Pack	5 pcs.
Customs tariff	85366990
Catalog page information	Page 467 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
01/10/2008



[http://
www.download.phoenixcontact.com](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

Electrical characteristics

Note	For HEAVYCON ADVANCE panel mounting flange and HEAVYCON panel mounting base of type B24. Plug-in connections may only be operated only when there is no load/ voltage.
Number of positions	24

Connection in acc. with standard	IEC / EN
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Mechanical characteristics

Design	B24
Screw thread	M3
Connection method	Screw connection
Tightening torque	0.5 Nm ... 0.8 Nm
Stripping length of the individual wire	12 mm
Conductor cross-section	0.5 mm ² ... 2.5 mm ²
Connection cross-section AWG	20 ... 14

General characteristics

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Pollution degree	3
Surge voltage category	III
Inflammability class acc. to UL 94	V0
Connection in acc. with standard	IEC / EN
Ambient temperature (operation)	-40 °C ... 125 °C
Assembly instructions	Coding also using the CP-HC (1686478) coding profiles. HC-B6../ HC-B10..for two coding profiles. HC-B16../ HC-B24..for four coding profiles.

Certificates / Approvals



Certification

CSA, CUL, UL

Accessories

Item	Designation	Description
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Assembly

1775240	HC-KA-FE	Foot element, for mounting on DIN rail NS 32, DIN rail NS 35/7.5 or DIN rail NS 35/15, can be inserted between basic and side element
1660083	HC-VSH	Locking screw barrel, for a firm connection of contact inserts and DIN-rail mountable terminal adapters

General

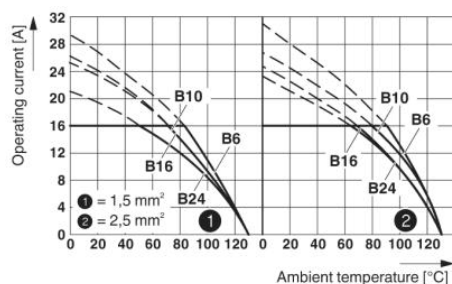
1644326	HC-B-3PE	PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts
1604997	HC-B-PES	PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64
1772722	HC-CB	Coding pin, prevents mismating of up to six plug connectors with 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

Plug/Adapter

1686478	CP-HC	Keying profile, 4-section, for pushing into the keying grooves
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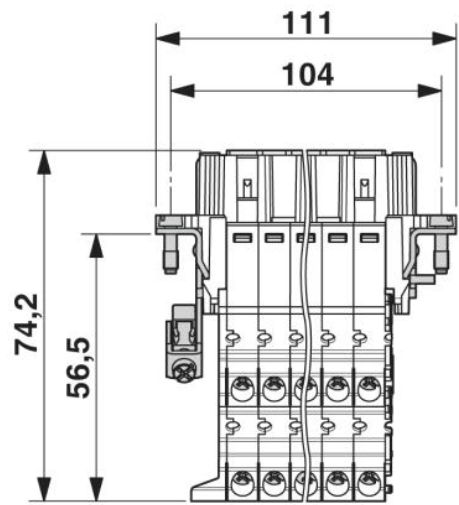
Diagrams/Drawings

Diagram

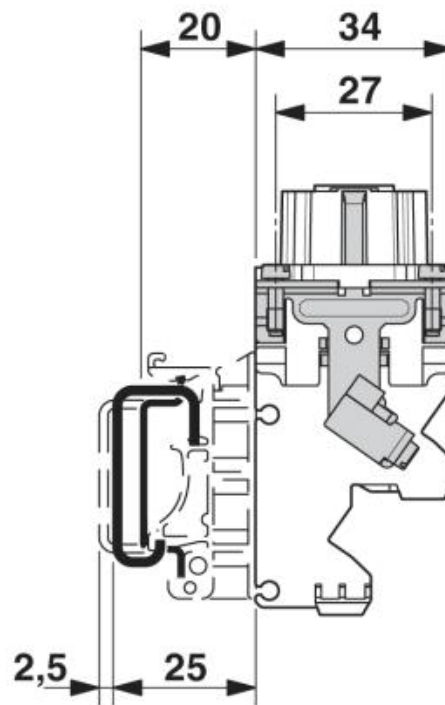


Derating diagram

Dimensioned drawing



Connection side



Side view

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