

HC-M-03-MOD-BUC

Order No.: 1645972



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1645972>

HEAVYCON contact insert module, female, 3-pos., for crimp
connection, without crimp contacts

Commercial data

GTIN (EAN)	4017918941901
sales group	D042
Pack	2 pcs.
Customs tariff	85369010
Weight/Piece	0.01485 KG
Catalog page information	Page 454 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
01/16/2007



[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
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Technical data

Electrical characteristics

Note	For housing HC-B6 to B48, for housing HC-ADVANCE-B6 to B24, hinged retaining frame HC-M-MHR... necessary, crimp contacts CK4,0... (crimp contacts not in scope of supply)
Rated voltage (III/3)	500 V
Rated current	35 A
Rated surge voltage	6 kV

Ambient temperature (operation)	-40 °C ... 125 °C
Number of positions	3

Mechanical characteristics

Conductor cross section	1.5 mm ² ... 6 mm ²
Connection cross section AWG	16 ... 10
Stripping length of the individual wire	9 mm (9.6 mm (4.0 -6.0 mm ²))
Wire diameter including insulation	7.5 mm
Insertion/withdrawal cycles	≥ 500

General characteristics

Number of module slots	1
Connection method	Crimp connection
Connection in acc. with standard	IEC / EN
Inflammability class acc. to UL 94	V0
Pollution degree	3
Surge voltage category	III
Assembly instructions	Housing height ≥ 52 mm.Plug-in connections may only be operated only when there is no load/voltage.
Connection	The CK4,0-EWZ tool (order no. 1662735) is required for removing the crimp contacts.At every "C" contact chamber, the position of the contact retaining springs is marked with two black markings on the connection side. From the connection side, the tool is pushed over the contact in a position-oriented manner, so that it touches both the retaining springs. Then insert it up to the limit stop. Do not turn the inserted tool . Push the conductor out of the insulating body along with the tool from the connection side.

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Certificates / Approvals



Certification

UL

UL

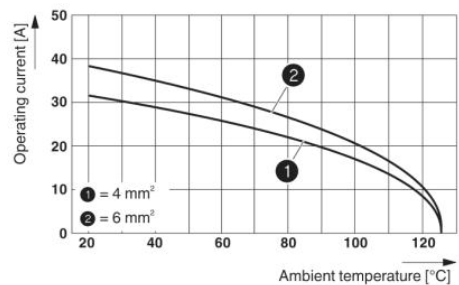
Nominal voltage U_N	600 V
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Accessories

Item	Designation	Description
Tools		
1662735	CK4,0-EWZ	Contact removal tool, for rotated CK-4,0-... contacts

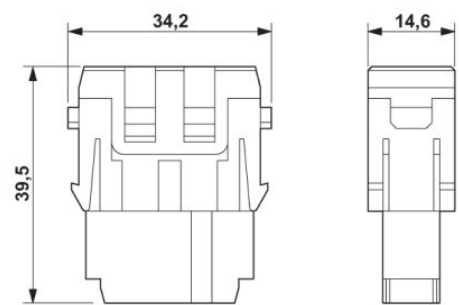
Diagrams/Drawings

Diagram



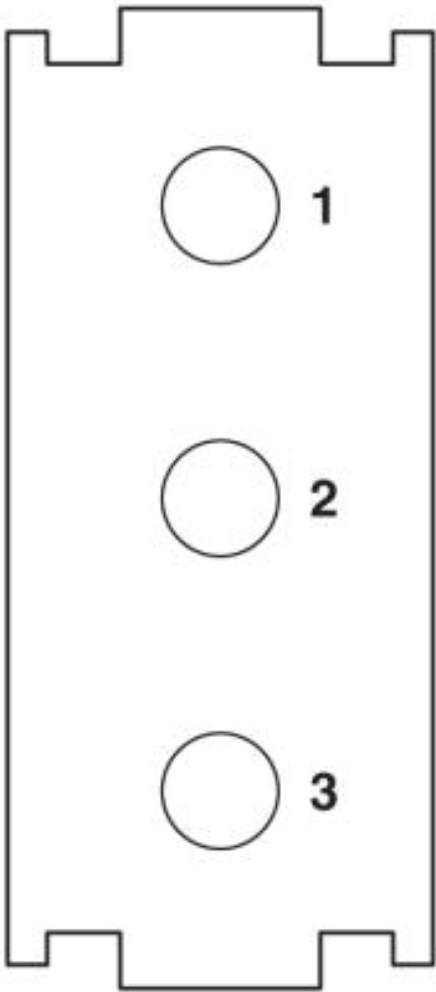
Derating diagram (6 modules in HC-B 24 housing)

Dimensioned drawing



Female insert

Schematic diagram



Connector pin assignment

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