



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



HC-M-02-HS-70/22-MOD-ST

Order No.: 1585728

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1585728>HEAVYCON contact insert module, pin, 2-pos. to 70 A, axial screw
connection**Commercial data**

GTIN (EAN)	4 046356 308229
sales group	D042
Pack	2 pcs.
Customs tariff	85389099
Catalog page information	Page 453 (PC-2009)

Product notesWEEE/RoHS-compliant since:
08/14/2007

<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 housing HC-B6 to B48, for housing HC-ADVANCE-B6 to B24, hinged retaining frame HC-M-MHR... necessary, axial screw connection for 2.5 mm Allen wrench:
Rated voltage (III/3)	1000 V
Rated current	70 A

Rated surge voltage	8 kV
Ambient temperature (operation)	-40 °C ... 125 °C
Number of positions	2
Mechanical characteristics	
Conductor cross-section	14 mm ² ... 22 mm ²
Connection cross-section AWG	4
Stripping length of the individual wire	11 mm + 1 (14 mm ² ... 16 mm ²)
	12.5 mm + 1 (for 22 mm ²)
Tightening torque	4 Nm (for 14 mm ² ... 16 mm ²)
	5 Nm (22 mm ²)
Wire diameter including insulation	10 mm
Hexagonal socket	SW2,5
Insertion/withdrawal cycles	≥ 500
General characteristics	
Number of module slots	1
Connection method	Axial screw connection
Inflammability class acc. to UL 94	V0
Pollution degree	3
Surge voltage category	III
Assembly instructions	Use 2.5 mm Allen wrenches for axial connection. Only for stranded wires. For housing heights h ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
Connection	Note regarding axial connection technology: Only for stranded wires. The conductor cross-sections stated refer to the geometric cross-section of the cable used. Use of cables with a geometric cross-section very different from that of the cable's nominal cross-section should be checked before use. The wiring space of the axial screw method is designed for fine strand cables according to VDE 0295 class 5. Deviating cable structures (e.g. class 6 cables) should be checked before use. Connection Before starting to connect, ensure that the tapered screw is turned back all the way (chamber is open). The cables must not be twisted. The cores should be slid to the limit stop in the contact chamber (until insulation touches contact). Hold cores in position and use socket wrench to tighten. The used core end should be cut off before connecting again. The connection screw may only be retightened once to prevent the strands from breaking. To prevent damage to the contact, the core / cable should be mechanically intercepted at an appropriate distance from the connection point (e.g. by using a plate cutout). DIN VDE 0100-520:2003-06 contains information on how to do this correctly.

Material data

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

Certificates / Approvals

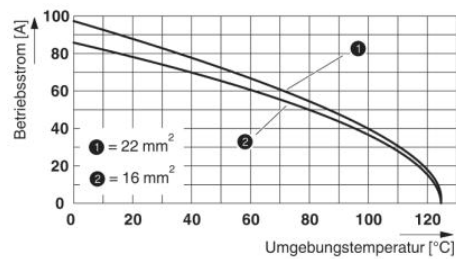


Certification

UL

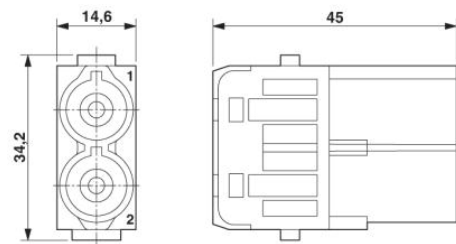
Diagrams/Drawings

Diagram



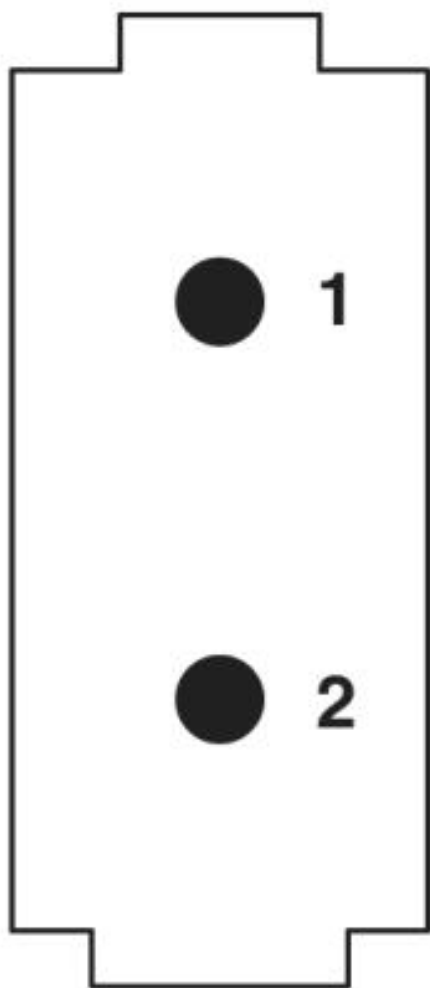
Derating diagram (6 modules in HC-B 24 housing)

Dimensioned drawing

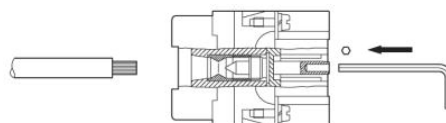


Pin module

Schematic diagram



Connector pin assignment, connection side



Axial screw connection

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2010 Phoenix Contact
Technical modifications reserved;