



Extract from the online
catalog

HC-M-HV-MOD-ST

Order No.: 1604998



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1604998>

HEAVYCON contact insert module, male, 2-pos. to 5000 V, crimp
connection

Commercial data

EAN	4017918893286
Pack	1 pcs.
Customs tariff	85369010
Weight/Piece	0.0527 KG
Catalog page information	Page 453 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
05/24/2006



[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 housing HC-B6 to B48, for housing HC-ADVANCE-B6 to B24, hinged retaining frame HC-M-MHR... necessary, crimp contacts CK2,5-ED... (crimp contacts not in scope of supply)
Rated voltage (III/3)	2900 V (2900 V/5000 V)

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Rated current	16 A
Rated surge voltage	15 kV
Ambient temperature (operation)	-40 °C ... 125 °C
Number of positions	2

Mechanical characteristics

Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	9.5 mm
Wire diameter	2.5 mm
Wire diameter including insulation	8 mm
Insertion/withdrawal cycles	≥ 500

General characteristics

Number of module slots	2
Connection method	Crimp connection
Inflammability class acc. to UL 94	V0
Pollution degree	3
Surge voltage category	III
Assembly instructions	Use HC housing h ≥ 72 mm. Plug-in connections may only be operated only when there is no load/voltage.
Connection	Mounting sequence:- Insert through the locking sleeve.- Strip the 9.5 mm core.- Crimp the core with crimp contact CK2,5...ED.- Snap the locking sleeve and crimp contact together with the insulation body of the module.

Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC / PTFE

Certificates / Approvals



Certification

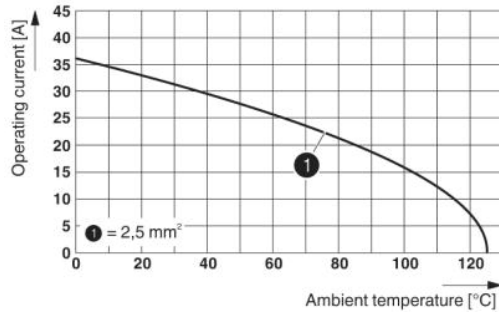
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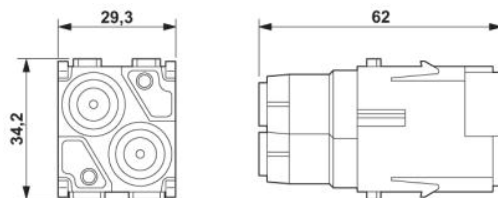
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Diagrams/Drawings

Diagram



Dimensioned drawing



Male insert

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Address

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



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