

Contact insert module - HC-M-04-CT-M - 1414362

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Contact insert module, number of positions: 4, power contacts: 4, control contacts: 0, Pin, Crimp connection, 830 V, 40 A, 1.5 mm² ... 6 mm², application: Power



Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	
GTIN	4055626025056

Technical data

Dimensions

Height	44.6 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Rated voltage (III/3)	830 V
Rated current	40 A
Rated surge voltage	8 kV
Connection profile	4

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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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 (4-6 mm ²))
	9.6 mm (4 mm ² ... 6 mm ²)

Contact insert module - HC-M-04-CT-M - 1414362

Technical data

Mechanical characteristics

Contact diameter	4 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Note	For HEAVYCON HC-B6 to B48 housing, HC-M-B...-MF... module carrier frame required, crimp connection, crimp contacts not supplied as standard.
	Connectors may be operated only when there is no load/voltage.
Series	HC-M-04
Color	light gray
Number of module slots	1
Connection method	Crimp connection
Connection in acc. with standard	IEC / EN
Contact type	turned
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	The module cannot be used simultaneously with the HC-B...-TMB-SD-IP65 and HC-B...-TMS-SD-IP65 protective covers.

Material data

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

Standards and Regulations

Flammability rating according to UL 94	V0
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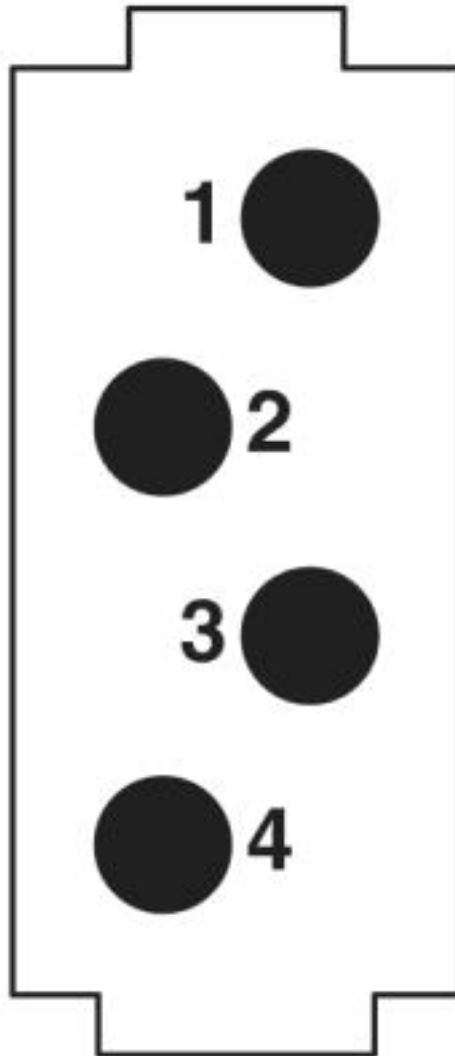
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Contact insert module - HC-M-04-CT-M - 1414362

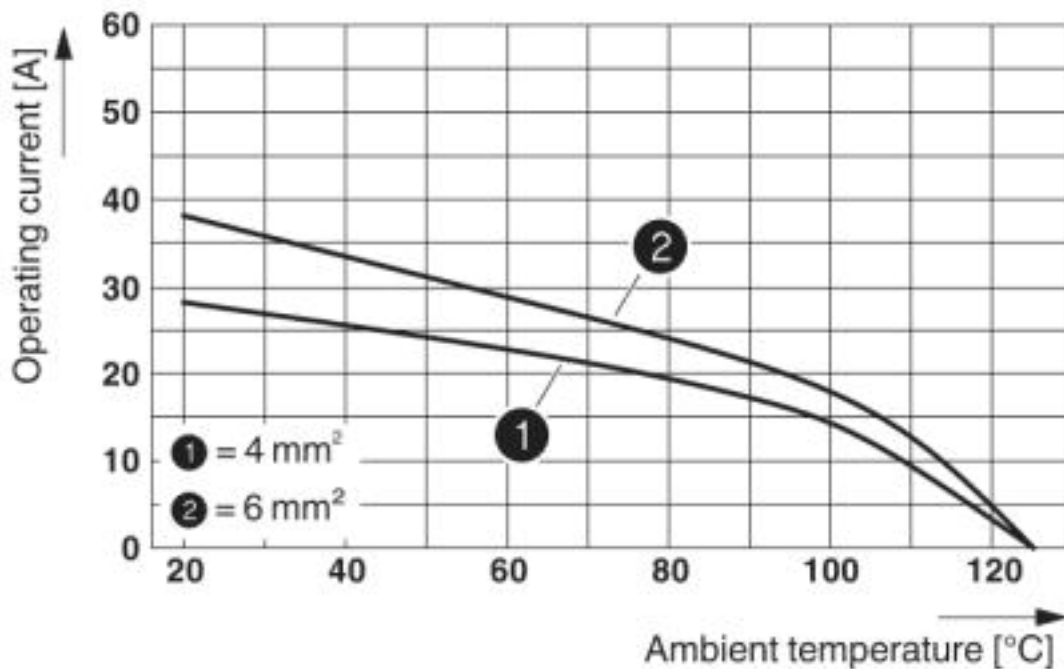
Schematic diagram



Connector pin assignment, connection side

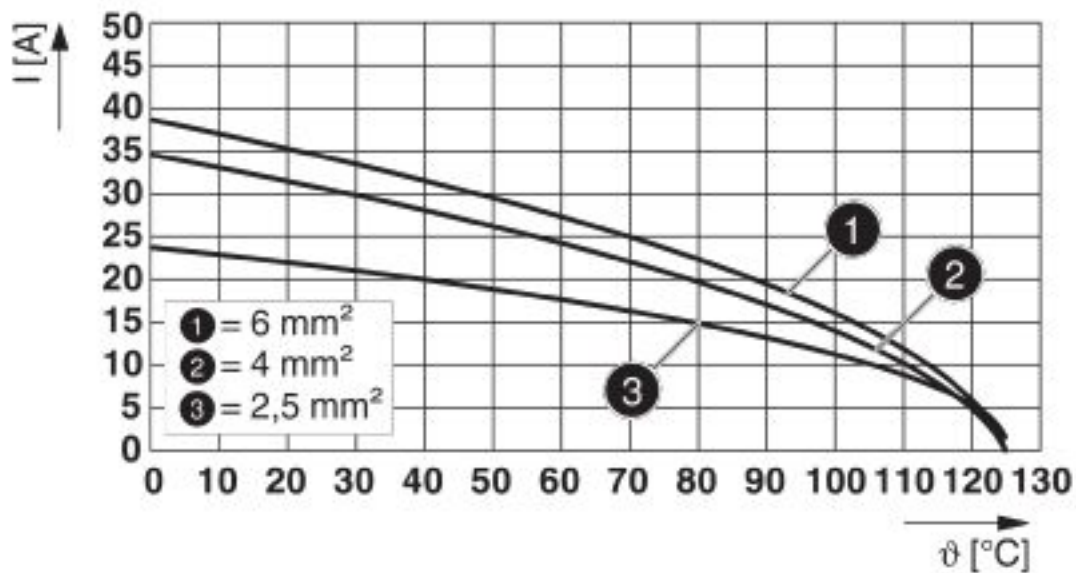
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Diagram



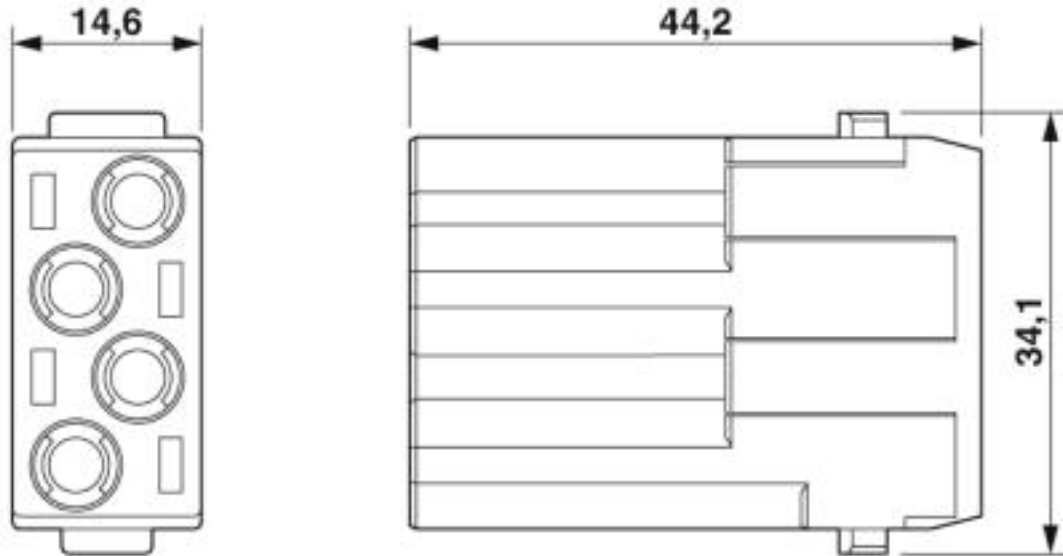
Derating diagram (6 modules in HC-B 24 housing)

Diagram



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Dimensional drawing



Approvals

Approvals

Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		830 V	
Nominal current IN		30 A	
mm ² /AWG/kcmil		10	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN		600 V	
Nominal current IN		37 A	

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Approvals

mm ² /AWG/kcmil	10

EAC		RU C- DE.AI30.B.01102
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>