

Contact insert module - HC-M-04-CT-F - 1414363

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Contact insert module, Number of positions: 4, Socket, Crimp connection, 830 V, 40 A, 1.5 mm² ... 6 mm², Application: Power

Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	
GTIN	4055626025063

Technical data

Dimensions

Height	40.9 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Note	For HEAVYCON HC-B6 to B48 housing, HC-M-B...MF... module carrier frame required, crimp connection, crimp contacts not supplied as standard.
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

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Technical data

Mechanical characteristics

Stripping length of the individual wire	9 mm (9.6 mm (4-6 mm ²))
	9.6 mm (4 mm ² ... 6 mm ²)
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Series	HC-M-04
Color	light gray
Number of module slots	1
Connection method	Crimp connection
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	For housing heights ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
Connection	The module cannot be used simultaneously with the HC-B...-TMB-SD-IP65 and HC-B...-TMS-SD-IP65 protective covers.

Material data

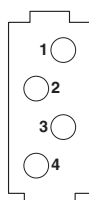
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Standards and Regulations

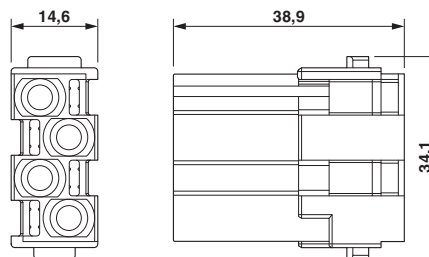
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

Drawings

Schematic diagram



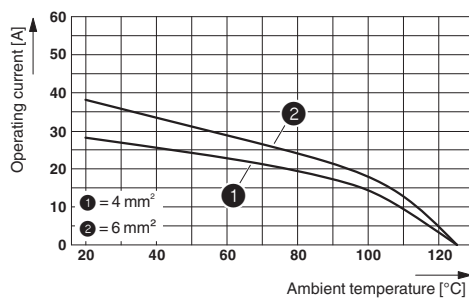
Dimensional drawing



Connector pin assignment, connection side

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Diagram



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

Approvals

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EAC / UL Recognized / CSA

Ex Approvals

Approval details

EAC		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	7500651.22.01.00246
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm²/AWG/kcmil	10		
Nominal current IN	37 A		
Nominal voltage UN	600 V		

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm²/AWG/kcmil	10		
Nominal current IN	30 A		
Nominal voltage UN	830 V		

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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>