

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

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Contact insert module, Number of positions: 4, Pin, Crimp connection, 830 V, 40 A, 1.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Power



## Key Commercial Data

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

## Technical data

### Dimensions

Height	44.6 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 <sup>2</sup> ... 6 mm <sup>2</sup>
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 <sup>2</sup> ))
	9.6 mm (4 mm <sup>2</sup> ... 6 mm <sup>2</sup> )
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

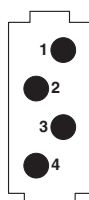
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### Standards and Regulations

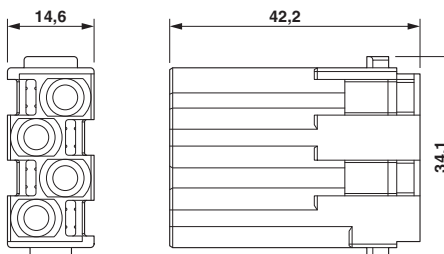
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

## Drawings

Schematic diagram



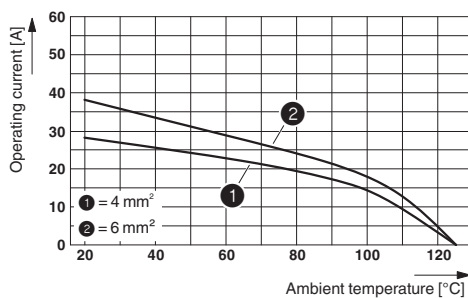
Dimensional drawing



Connector pin assignment, connection side

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Diagram



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

## Approvals

### Approvals

Approvals

EAC / UL Recognized / CSA

Ex Approvals

### Approval details

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

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

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