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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



## 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

RoHS

### Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 055626 025056
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

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

## 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

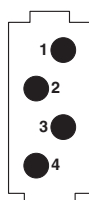
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### Standards and Regulations

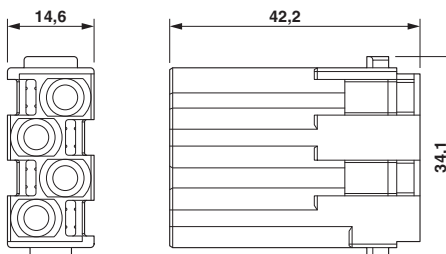
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

## Drawings

Schematic diagram



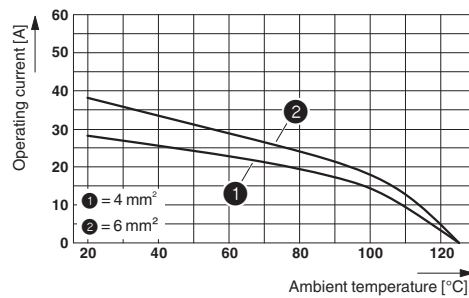
Dimensional drawing



Connector pin assignment, connection side

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

Diagram



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

## Approvals

### Approvals

Approvals

EAC / UL Recognized / CSA

Ex Approvals

### Approval details

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