

## 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 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Power



### 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

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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> )
Contact diameter	4 mm
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
Contact type	turned
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

Flammability rating according to UL 94	V0
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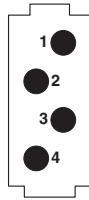
### Environmental Product Compliance

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

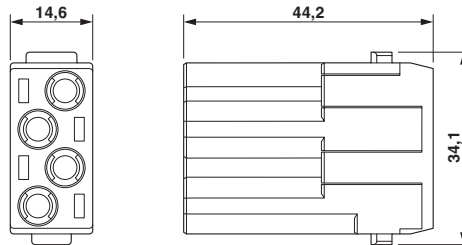
## Drawings

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Schematic diagram

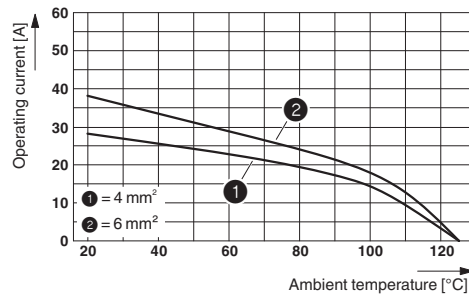


Dimensional drawing



Connector pin assignment, connection side

Diagram



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

## Approvals

### Approvals

Approvals

UL Recognized / CSA / EAC


Ex Approvals


### Approval details

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 I <sub>N</sub>	37 A		
Nominal voltage U <sub>N</sub>	600 V		

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### Approvals

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
mm <sup>2</sup> /AWG/kcmil		10	
Nominal current I <sub>N</sub>		30 A	
Nominal voltage U <sub>N</sub>		830 V	

EAC		RU C- DE.AI30.B.01102
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