

# Contact insert module - HC-M-02-AT-M-10 - 1417389


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Contact insert module, number of positions: 2, power contacts: 2, control contacts: 0, Pin, Axial screw connection, 1000 V, 40 A, 2.5 mm<sup>2</sup> ... 10 mm<sup>2</sup>, application: Power



## Key Commercial Data

Packing unit	2 STK
Minimum order quantity	2 STK
GTIN	 4 055626 112695
GTIN	4055626112695

## Technical data

### Dimensions

Height	34.7 mm
Width	34.2 mm
Length	14.6 mm

### Electrical characteristics

Note	For HEAVYCON HC-B6 to B48 housing, snap-in module frame required, axial connection for 2 mm Allen key
Rated voltage (III/3)	1000 V
Rated current	40 A
Rated surge voltage	8 kV
Connection profile	2

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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### Mechanical characteristics

Conductor cross section	2.5 mm <sup>2</sup> ... 10 mm <sup>2</sup> (The cross section specification refers to the geometric cross section of the cable used)
Connection cross section AWG	12 ... 10

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## Technical data

### Mechanical characteristics

Stripping length of the individual wire	5 mm +1 (2.5 mm <sup>2</sup> ... 4 mm <sup>2</sup> )
	8 mm +1 (4 mm <sup>2</sup> )
	11 mm +1 (10 mm <sup>2</sup> )
Tightening torque	1.5 Nm (2.5 mm <sup>2</sup> ... 4 mm <sup>2</sup> )
	2 Nm (6 -8 mm <sup>2</sup> )
Contact diameter	4 mm
Insertion/withdrawal cycles	≥ 500

### General

Series	HC-M-02
Color	light gray
Number of module slots	1
Connection method	Axial screw 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

### Material data

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

### Standards and Regulations

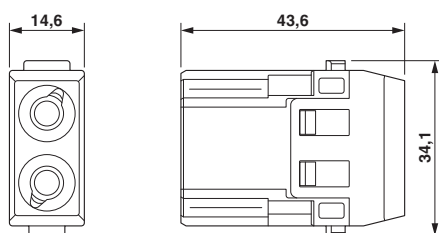
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

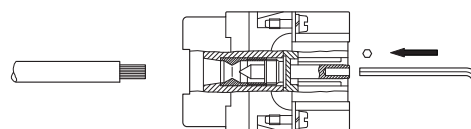
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Schematic diagram



Axial connection (2 mm Allen key)

Male insert

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## Approvals


### Approvals


#### Approvals


CSA / UL Recognized / EAC / EAC


#### Ex Approvals

### Approval details

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		8	
Nominal current I <sub>N</sub>		45 A	
Nominal voltage U <sub>N</sub>		600 V	

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
mm <sup>2</sup> /AWG/kcmil		8	
Nominal current I <sub>N</sub>		55 A	
Nominal voltage U <sub>N</sub>		600 V	

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.AI30.B.01102
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