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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!



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


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Contact insert module, Number of positions: 2, 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> )

### 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
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III

### Material data

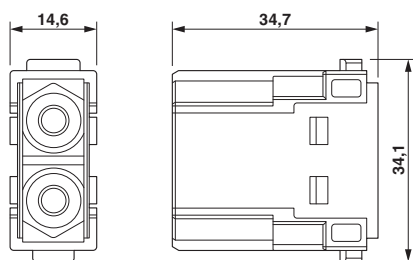
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### Standards and Regulations

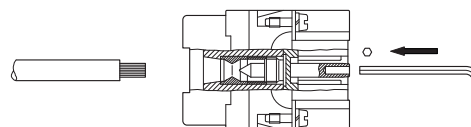
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

## Drawings

Dimensional drawing



Schematic diagram



Axial connection (2 mm Allen key)

Male insert

## Approvals

Approvals

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


## Approvals


Approvals


EAC / CSA / UL Recognized

Ex Approvals

## Approval details

EAC		<a href="http://www.eurasiancert.com/">http://www.eurasiancert.com/</a>	7500651.22.01.00246
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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		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
mm²/AWG/kcmil		8	
Nominal current I <sub>N</sub>		55 A	
Nominal voltage U <sub>N</sub>		600 V	

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