

## Contact insert module - HC-M-02-EMC-M - 1417374


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Contact insert module, number of positions: 2, Pin, Crimp connection, 50 V, 10 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Data/signal, for using two HC-M-EMV-ST/3-9,5 EMC connectors (pin version, each 4-pos.)

RoHS

### Key Commercial Data

Packing unit	2 pc
Minimum order quantity	2 pc
GTIN	 4 055626 112565
GTIN	4055626112565

### Technical data

#### Dimensions

Height	34 mm
Width	34.2 mm
Length	29.4 mm

#### Electrical characteristics

Rated voltage (III/3)	50 V
Rated current	10 A
Rated surge voltage	0.8 kV
Connection profile	2

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

#### Mechanical characteristics

Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Contact diameter	1.6 mm
Insertion/withdrawal cycles	≥ 500

#### General

# Contact insert module - HC-M-02-EMC-M - 1417374

## Technical data

### General

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required.
Series	HC-M-EMV
Color	light gray
Number of module slots	2
Connection method	Crimp connection
Contact type	turned
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	Plastic module for the HC-M-EMV-ST/3-9.5 EMC connector

### Material data

Contact material	Copper alloy
Contact surface material	Ag (power)/Au (signal)
Contact carrier material	PC
Phase conductor material	Zinc alloy

### Standards and Regulations

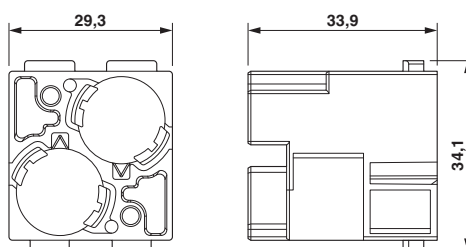
Flammability rating according to UL 94	V0
--	----

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



Male insert

## Approvals

Approvals

## Contact insert module - HC-M-02-EMC-M - 1417374

### Approvals

Approvals




CSA / UL Recognized / 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
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
EAC			RU C- DE.AI30.B.01102

---

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

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