

# Contact insert module - HC-M-04-KT-M - 1417371

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: 4xKOAX, power contacts: 0, control contacts: 4, Pin, Soldering and crimp connection, 50 V, 2 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Signal



## Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 055626 112534
GTIN	4055626112534

## Technical data

### Dimensions

Height	31.5 mm
Width	34.2 mm
Length	14.6 mm

### Electrical characteristics

Note	For HEAVYCON housing type B6 to B48, HC-M-MHR... hinged retaining frame required, HC-M-04-KOAX... crimp contacts (crimp contacts not supplied as standard)
Rated voltage (III/3)	50 V
Rated current	1.5 A
Rated surge voltage	0.8 kV
Contact resistance, phase conductor	≤ 3 mΩ
Contact resistance, inner conductor	≤ 10 mΩ
Insulation resistance	≥ 10 GΩ
Connection profile	4xKOAX

### Ambient conditions

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

# Contact insert module - HC-M-04-KT-M - 1417371

## Technical data

### Mechanical characteristics

Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Stripping length of the individual wire	2.5 mm ±0.5 mm
Contact diameter	4.8 mm
Insertion/withdrawal cycles	≥ 500

### General

Series	HC-M-04-KOAX
Color	light gray
Number of module slots	1
Connection method	Soldering and crimp connection
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	For HC-M-04-BU-KOAX... contacts

### Material data

Contact material	Copper alloy
Contact surface material	AU
Contact carrier material	PC

### Standards and Regulations

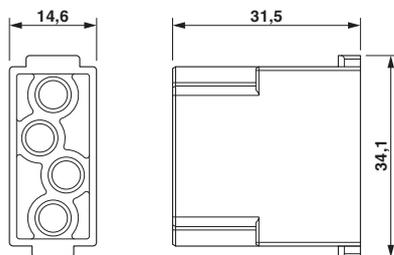
Flammability rating according to UL 94	V0
--	----

### Environmental Product Compliance

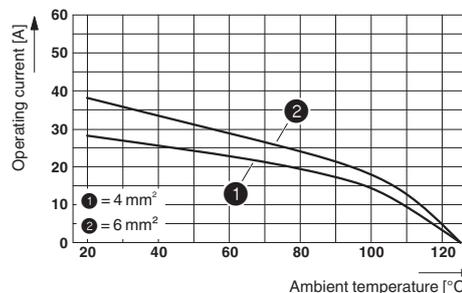
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Diagram



Male insert

Derating diagram

# Contact insert module - HC-M-04-KT-M - 1417371

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

---

Phoenix Contact 2018 © - 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>