

# Contact insert module - HC-M-17-CT-F - 1414357


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: 17, Socket, Crimp connection, 160 V, 10 A, 0.14 mm² ... 2.5 mm², Application: Signal



## Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 055626 025001
GTIN	4055626025001

## Technical data

### Dimensions

Height	34 mm
Width	34.2 mm
Length	14.6 mm

### Electrical characteristics

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF... hinged module carrier frame required, CK1,6-ED... crimp contacts, crimp contacts not supplied as standard.
Rated voltage (III/3)	160 V
Rated current	10 A
Rated surge voltage	2.5 kV
Connection profile	17

### Ambient conditions

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

### Mechanical characteristics

Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14

# Contact insert module - HC-M-17-CT-F - 1414357

## Technical data

### Mechanical characteristics

Stripping length of the individual wire	8 mm (6 mm (for 2.5 mm <sup>2</sup> ))
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

### General

Series	HC-M-17
Color	light gray
Number of module slots	1
Connection method	Crimp connection
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.

### Material data

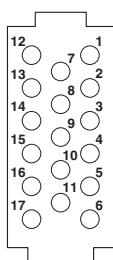
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

### Standards and Regulations

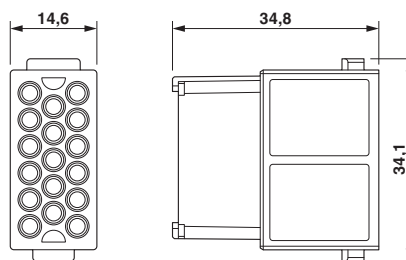
Flammability rating according to UL 94	V0
--	----

## Drawings

Schematic diagram



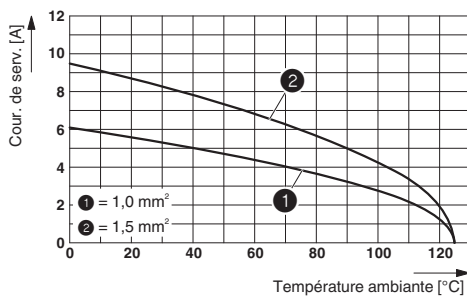
Dimensional drawing



Connector pin assignment, connection side

# Contact insert module - HC-M-17-CT-F - 1414357

Diagram



Derating diagram (3 modules in HC-B 24 housing)

## Approvals

### Approvals

Approvals

EAC / UL Recognized / CSA

Ex Approvals

### Approval details

EAC		<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>	7500651.22.01.00246
-----	--	---	---------------------

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	14
Nominal current IN	14 A
Nominal voltage UN	160 V

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	14
Nominal current IN	10 A
Nominal voltage UN	160 V

Phoenix Contact 2017 © - 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>