

# Contact insert module - HC-M-25-CT-F - 1414375


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Contact insert module, number of positions: 25, power contacts: 0, control contacts: 25, Socket, Crimp connection, 50 V, 4 A, 0.08 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, application: Signal



## Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 055626 025285
GTIN	4055626025285

## Technical data

### Dimensions

Height	30.65 mm
Width	34.2 mm
Length	14.6 mm

### Electrical characteristics

Note	For HEAVYCON housing type B6 to B48, snap in frames necessary, crimp contacts VS-...CD-1,0... (Crimp contacts not included in scope of supply)
Rated voltage (III/3)	50 V
Rated current	4 A
Rated surge voltage	0.8 kV
Connection profile	25

### Ambient conditions

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

Conductor cross section	0.08 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Connection cross section AWG	28 ... 20

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## Technical data

### Mechanical characteristics

Stripping length of the individual wire	4.2 mm
External cable diameter	2.2 mm
Contact diameter	1 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

### General

Series	HC-M-25
Color	light gray
Number of module slots	1
Connection method	Crimp connection
Contact type	turned
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. Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.

### Material data

Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

### Standards and Regulations

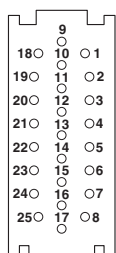
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

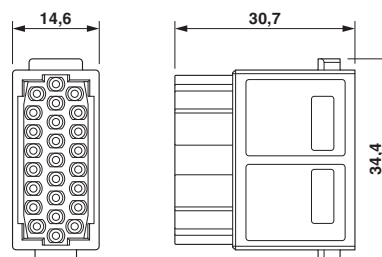
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Schematic diagram

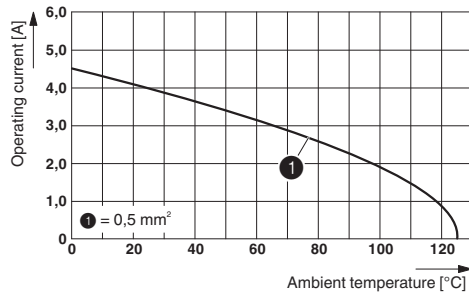


Dimensional drawing



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Diagram



Derating diagram (6 modules in HC-B 24 housing)

## Approvals

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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
mm²/AWG/kcmil		20	
Nominal current I <sub>N</sub>		4 A	
Nominal voltage U <sub>N</sub>		30 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		20	
Nominal current I <sub>N</sub>		5 A	
Nominal voltage U <sub>N</sub>		50 V	

EAC		RU C- DE.AI30.B.01102
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