

## Contact insert module - HC-M-02-CT-F - 1414361

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Contact insert module, Number of positions: 2, Socket, Crimp connection, 1000 V, 40 A, 1.5 mm<sup>2</sup> ... 10 mm<sup>2</sup>, Application: Power



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	5 STK
GTIN	 4 055626 025049
GTIN	4055626025049
Weight per Piece (excluding packing)	12.000 g
Custom tariff number	85389099
Country of origin	Poland

### Technical data

#### Dimensions

Height	42.4 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, CK4,0..... crimp contacts, crimp contacts not supplied as standard.
Rated voltage (III/3)	1000 V
Rated current	40 A
Rated surge voltage	8 kV

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### Technical data

#### Electrical characteristics

Connection profile	2
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#### Ambient conditions

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

Conductor cross section	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Connection cross section AWG	16 ... 8
Stripping length of the individual wire	9 mm (For 1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> )
	9.6 mm (for 4 mm <sup>2</sup> ... 6 mm <sup>2</sup> )
	18 mm (for 10 mm <sup>2</sup> )
Insertion/withdrawal cycles	≥ 500

#### General

Series	HC-M-02
Color	light gray
Number of module slots	1
Connection method	Crimp 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

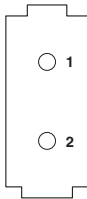
#### Standards and Regulations

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

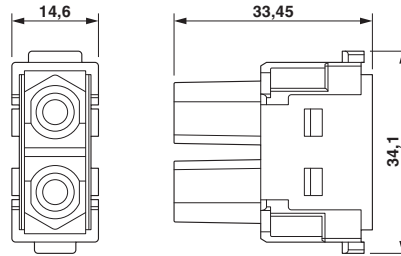
### Drawings

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Schematic diagram

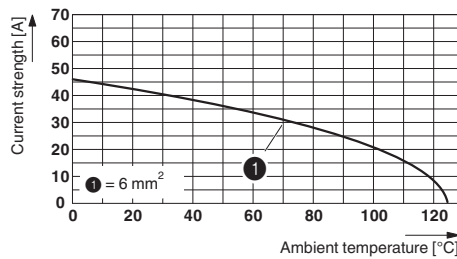


Dimensional drawing



Connector pin assignment

Diagram



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

## Approvals

Approvals

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Approvals

EAC / UL Recognized / CSA

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Ex Approvals


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## Approval details

EAC		7500651.22.01.00246
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### Approvals

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
mm <sup>2</sup> /AWG/kcmil	10		
Nominal current I <sub>N</sub>	42 A		
Nominal voltage U <sub>N</sub>	600 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
mm <sup>2</sup> /AWG/kcmil	10		
Nominal current I <sub>N</sub>	34 A		
Nominal voltage U <sub>N</sub>	600 V		