

## Contact insert module - HC-M-04-KT-F - 1417370

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Contact insert module, number of positions: 4xKOAX, power contacts: 0, control contacts: 4, Socket, Soldering and crimp connection, 50 V, 2 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Signal



COMPLIANT

### Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 055626 112527
GTIN	4055626112527

### Technical data

#### Dimensions

Height	32.6 mm
Width	34.2 mm
Length	14.6 mm

#### Electrical characteristics

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
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#### Mechanical characteristics

Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
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## Technical data

### Mechanical characteristics

Connection cross section AWG	26 ... 14
Stripping length of the individual wire	2.5 mm ±0.5 mm
Contact diameter	4.8 mm
Insertion/withdrawal cycles	≥ 500

### General

Note	For HEAVYCON housings type B6 to B48, HC-M-B...MF... module carrier frame required, crimp contacts HC-M-04-KOAX... (crimp contacts not included in the scope of delivery)
	Connectors may be operated only when there is no load/voltage.
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	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	For HC-M-04-ST-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
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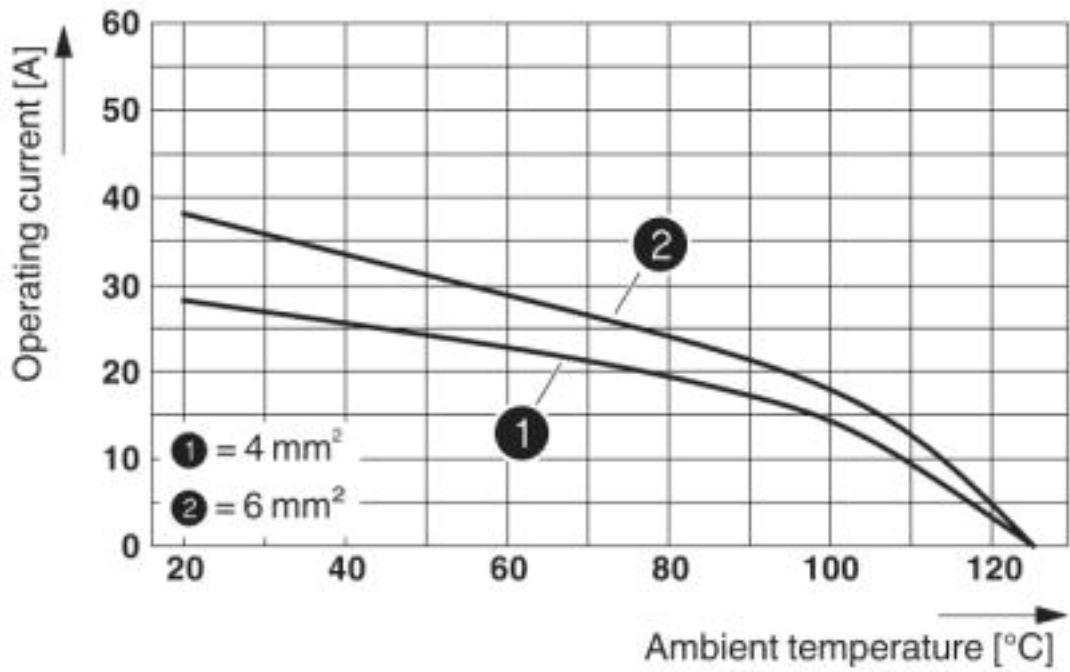
### Environmental Product Compliance

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

## Drawings

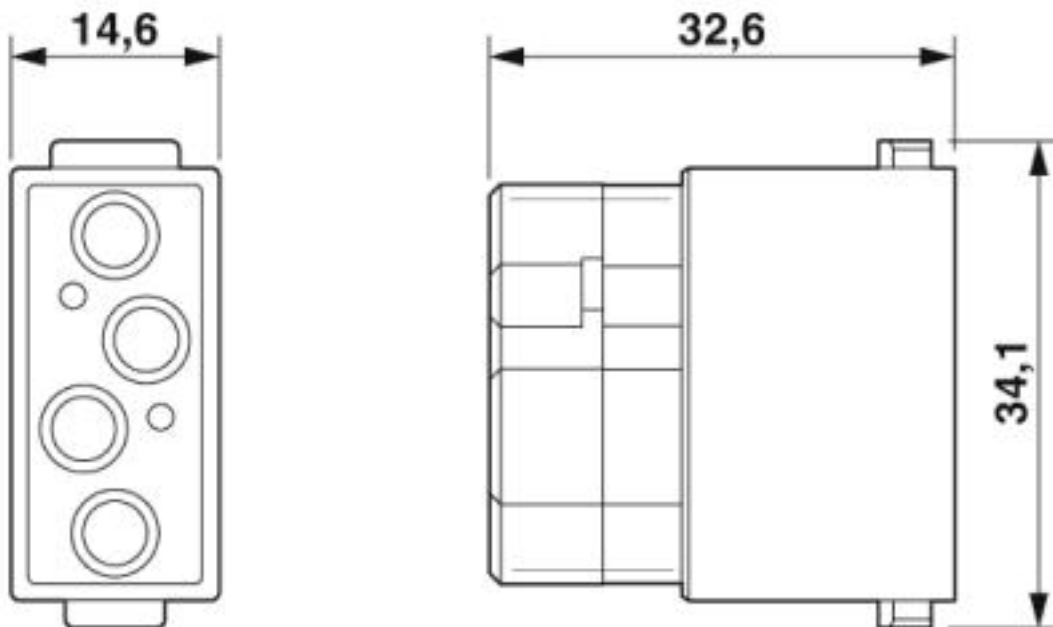
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Diagram



Derating diagram

Dimensional drawing



Female insert

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### Approvals

#### Approvals

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#### Approvals




CSA / UL Recognized / EAC

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#### Ex Approvals

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#### 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

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