


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

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Contact insert module, Number of positions: 25, Type of contact: Socket, Connection method: Crimp connection, Rated voltage: 50 V, Rated current: 4 A, Connection cross section: 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, HC-M-MHR... hinged retaining frame required, VS-...CD-1,0... crimp contacts (crimp contacts not supplied as standard)
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
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
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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## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		7500651.22.01.00246
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