

## Contact insert module - HC-M-25-MOD-ST - 1605004

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HEAVYCON contact insert module, male, 25-pos., crimp connection



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
Weight per Piece (excluding packing)	10.0 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### 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
Number of positions	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
Stripping length of the individual wire	4.2 mm
Insertion/withdrawal cycles	≥ 500

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## Technical data

### General

Series	HC-M-25
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 $\geq$ 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

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

## Classifications

### eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440207

### ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522

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## Classifications

### UNSPSC

UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

## Approvals

### Approvals

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#### Approvals

UL Recognized / EAC

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

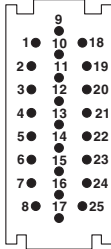
UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	28-20
Nominal voltage UN	30 V

EAC
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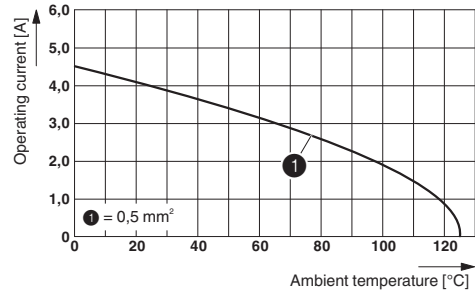
## Drawings

# Contact insert module - HC-M-25-MOD-ST - 1605004

Schematic diagram

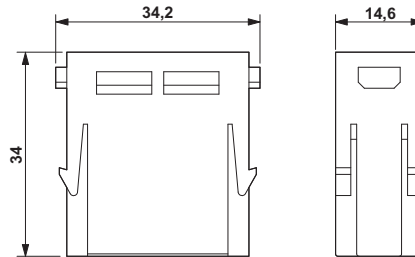


Diagram



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

Dimensional drawing



Male insert