

## Contact insert module - HC-M-06-MOD-BU - 1663462


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HEAVYCON contact insert module, female, 6-pos., crimp connection



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 017918 123277
Weight per Piece (excluding packing)	11.4 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, CK2,5-ED... crimp contacts (crimp contacts not supplied as standard)
Rated voltage (III/3)	500 V
Rated current	16 A
Rated surge voltage	6 kV
Number of positions	6

#### Ambient conditions

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

Conductor cross section	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection cross section AWG	20 ... 12

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## Technical data

### Mechanical characteristics

Stripping length of the individual wire	7.5 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

### General

Series	HC-M-06
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.

### Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

### Standards and Regulations

Connection in acc. with standard	CSA
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

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## Classifications

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / EAC / EAC

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	20-12
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	600 V

UL Recognized	
Nominal voltage U <sub>N</sub>	600 V

EAC
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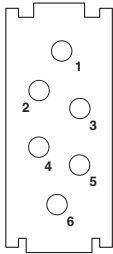
# Contact insert module - HC-M-06-MOD-BU - 1663462

## Approvals

EAC

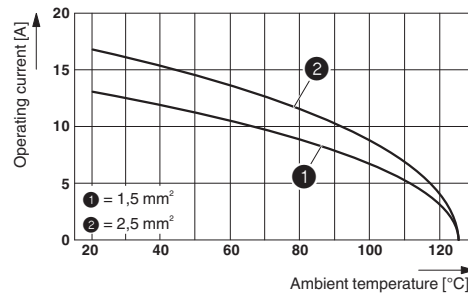
## Drawings

Schematic diagram



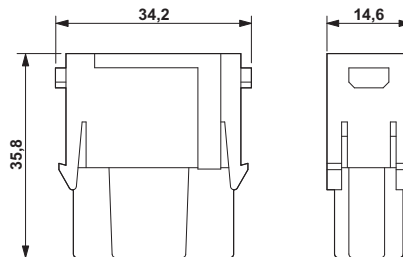
Connector pin assignment, connection side

Diagram



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

Dimensional drawing



Female insert