

# 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

package_quantity	2
GTIN	4017918123277

## Technical data

### Electrical characteristics

Note	For housing HC-B6 to B48, for housing HC-ADVANCE-B6 to B24, hinged retaining frame HC-M-MHR... necessary, crimp contacts CK2,5-ED... (crimp contacts not in scope of supply)
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
Stripping length of the individual wire	7.5 mm
Insertion/withdrawal cycles	≥ 500

### General

Series	HC-M-06
Number of module slots	1
Connection method	Crimp connection
Inflammability class according to UL 94	V0
Pollution degree	3
Surge voltage category	III
Assembly instructions	Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.

### Material data

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## Technical data

### Material data

<b>Contact material</b>	Copper alloy
<b>Contact surface material</b>	Ag (alternatively Au)
<b>Contact carrier material</b>	PC

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27140816
<b>eCl@ss 4.1</b>	27140816
<b>eCl@ss 5.0</b>	27143424
<b>eCl@ss 5.1</b>	27143424
<b>eCl@ss 6.0</b>	27143424
<b>eCl@ss 7.0</b>	27440209
<b>eCl@ss 8.0</b>	27440209

### ETIM

<b>ETIM 2.0</b>	EC000438
<b>ETIM 3.0</b>	EC000438
<b>ETIM 4.0</b>	EC000438
<b>ETIM 5.0</b>	EC000438


### UNSPSC

<b>UNSPSC 6.01</b>	30211923
<b>UNSPSC 7.0901</b>	39121522
<b>UNSPSC 11</b>	39121522
<b>UNSPSC 12.01</b>	39121522
<b>UNSPSC 13.2</b>	39121522

## approvals

CSA / UL Recognized / GOST /

### Approval details

	
Nominal voltage UN	600 V
Nominal current IN	32 A
mm <sup>2</sup> /AWG/kcmil	16-10

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approvals

<b>UL Recognized</b>	
Nominal voltage UN	600 V
Nominal current IN	16 A
mm <sup>2</sup> /AWG/kcmil	12

<b>GOST</b>
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accessories

## Coding element

CK2,5-ED-BB - 1584693



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## Crimping tool

CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



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## Assembly tool

CK2,5-EWZ - 1662722



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## Crimp contact

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### accessories

CK2,5-ED-0,50BU AG - 1663640



CK2,5-ED-0,75BU AG - 1663653



CK2,5-ED-1,00BU AG - 1663666



CK2,5-ED-1,50BU AG - 1663679



CK2,5-ED-2,50BU AG - 1663682



CK2,5-ED-3,00BU AG - 1663695



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accessories

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CK2,5-ED-4,00BU AG - 1663705



CK2,5-ED-0,50BU AU - 1674859



CK2,5-ED-1,00BU AU - 1674833



CK2,5-ED-1,50BU AU - 1674820



CK2,5-ED-2,50BU AU - 1674862



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### accessories

CK2,5-ED-4,00BU AU - 1674846



### accessories

CK2,5-ED-0,37BU AG - 1585634



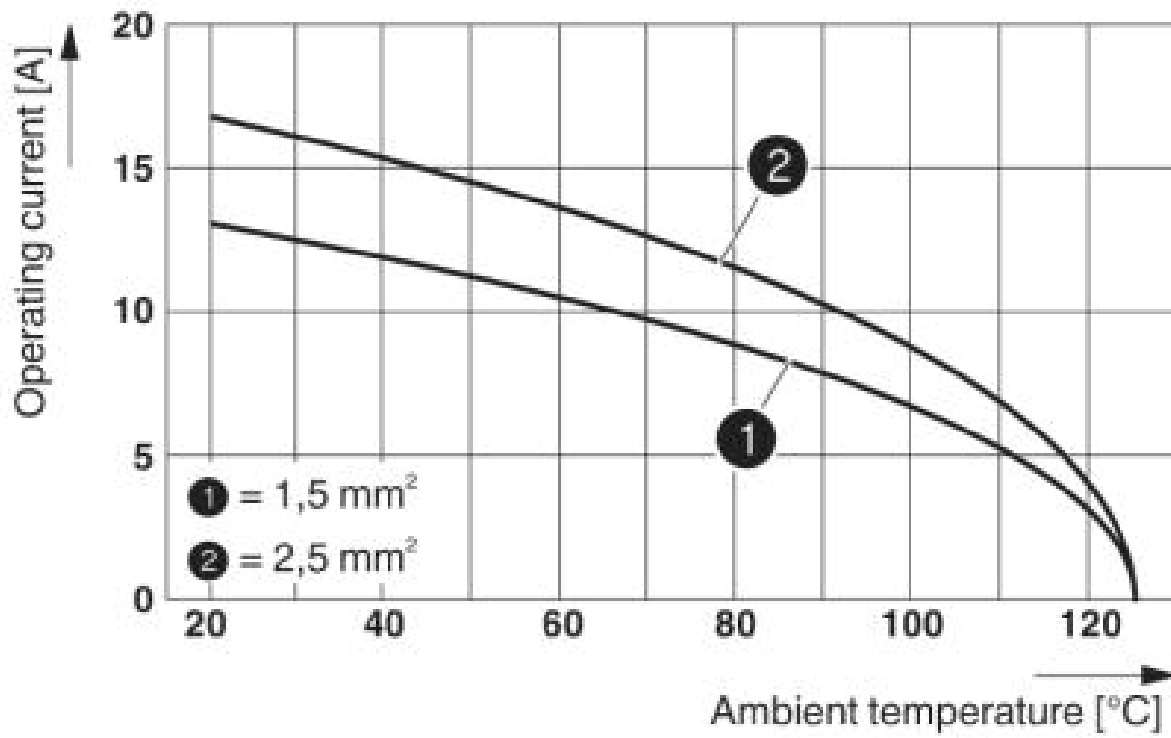
CK2,5-ED-0,37BU AU - 1585647



### Drawings

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

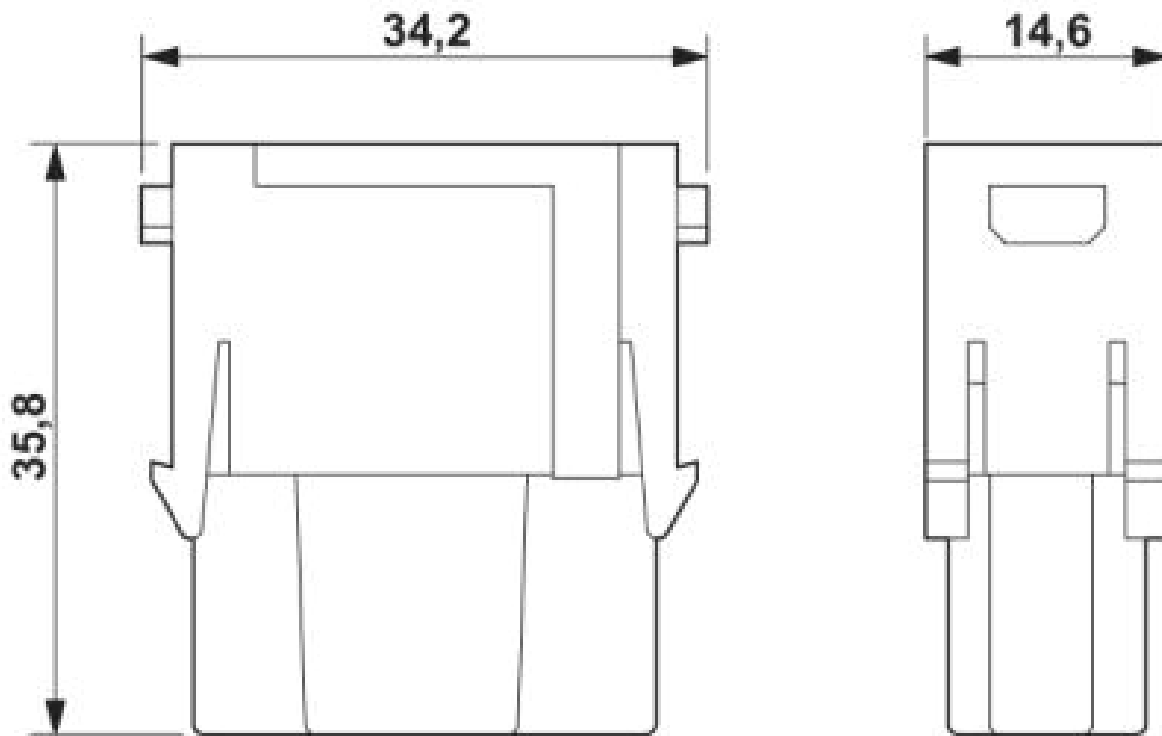
Diagram



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

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Dimensioned drawing



Female insert



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Schematic diagram

