


# Contact insert module - HC-M-06P-MOD-ST - 1636457

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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



## Key Commercial Data

Packing unit	2 pc
Minimum order quantity	2 pc
GTIN	 4 046356 028196
GTIN	4046356028196

## Technical data

### Dimensions

Height	39.2 mm
Width	34.2 mm
Length	14.6 mm

### Electrical characteristics

Rated voltage (III/3)	830 V
Rated current	16 A
Rated surge voltage	8 kV
Connection profile	6

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

### 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
Contact diameter	2.5 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

### General

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)
------	--

# Contact insert module - HC-M-06P-MOD-ST - 1636457

## Technical data

### General

Series	HC-M-06
Number of module slots	1
Connection method	Crimp connection
Contact type	turned
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.

### Material data

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

### Standards and Regulations

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

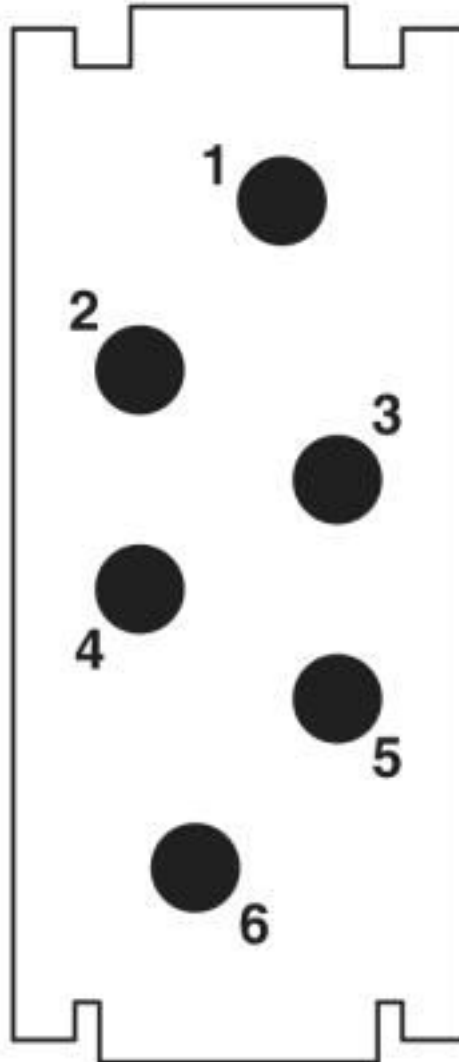
### Environmental Product Compliance

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

## Drawings

## Contact insert module - HC-M-06P-MOD-ST - 1636457

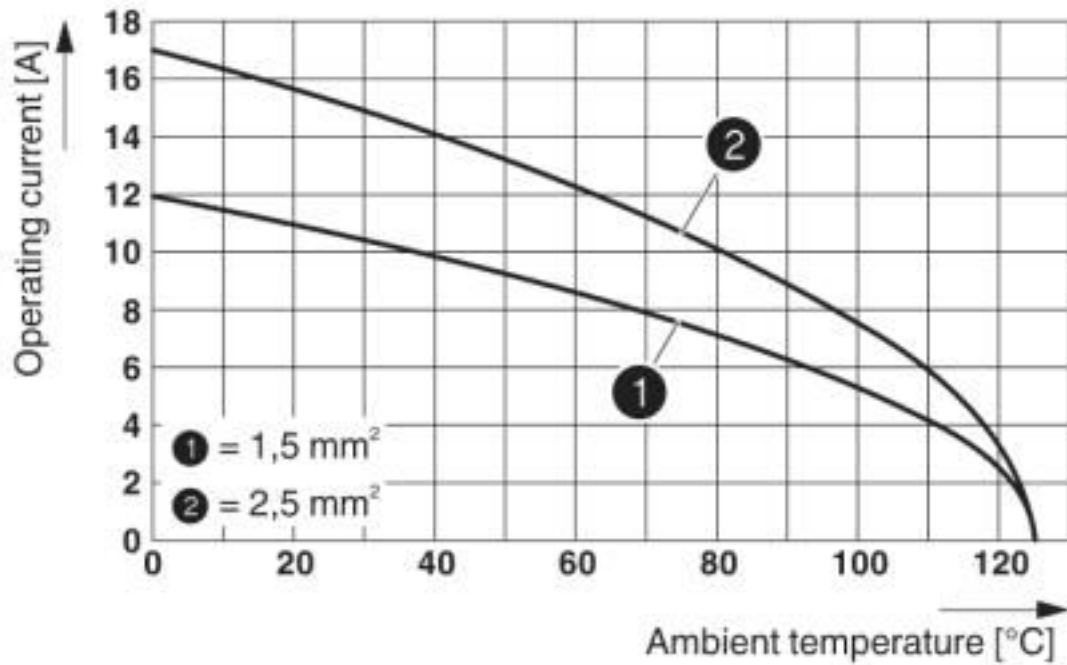
Schematic diagram



Connector pin assignment, connection side

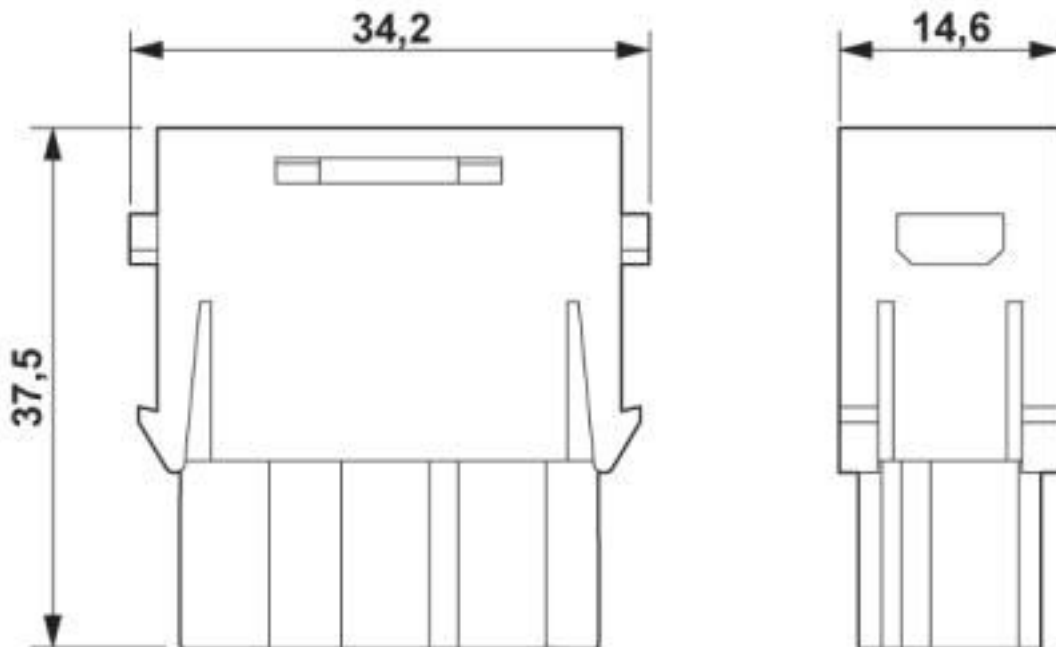
# Contact insert module - HC-M-06P-MOD-ST - 1636457

Diagram



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

Dimensional drawing



Male insert

# Contact insert module - HC-M-06P-MOD-ST - 1636457

## Classifications

### eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440217

### ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 19.0	39121522

## Accessories

### Accessories

#### Crimp contact

Crimp contact - CK2,5-ED-0,50ST AG - 1663572



Turned 2.5 crimp contact, individual male contact, core diameter 0.5 mm<sup>2</sup>, silver-plated

Crimp contact - CK2,5-ED-0,75ST AG - 1663585



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 mm<sup>2</sup>, silver-plated

## Contact insert module - HC-M-06P-MOD-ST - 1636457

### Accessories

Crimp contact - CK2,5-ED-1,00ST AG - 1663598



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK2,5-ED-1,50ST AG - 1663608



Turned 2.5 crimp contact, individual male contact, core diameter 1.5 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK2,5-ED-2,50ST AG - 1663611



Turned 2.5 crimp contact, individual male contact, core diameter 2.5 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK2,5-ED-3,00ST AG - 1663624



Turned 2.5 crimp contact, individual male contact, core diameter 3.00 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK2,5-ED-4,00ST AG - 1663637



Turned 2.5 crimp contact, individual male contact, core diameter 4.00 mm<sup>2</sup>, silver-plated

---

## Contact insert module - HC-M-06P-MOD-ST - 1636457

### Accessories

Crimp contact - CK2,5-ED-0,50ST AU - 1674804



Turned 2.5 crimp contact, individual male contact, core diameter 0.5 mm<sup>2</sup>, gold-plated

---

Crimp contact - CK2,5-ED-1,00ST AU - 1674781



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 to 1.0 mm<sup>2</sup>, gold-plated

---

Crimp contact - CK2,5-ED-1,50ST AU - 1674778



Turned 2.5 crimp contact, individual male contact, core diameter 1.5 mm<sup>2</sup>, gold-plated

---

Crimp contact - CK2,5-ED-2,50ST AU - 1674817



Turned 2.5 crimp contact, individual male contact, core diameter 2.5 mm<sup>2</sup>, gold-plated

---

Crimp contact - CK2,5-ED-4,00ST AU - 1674794



Turned 2.5 crimp contact, individual male contact, core diameter 4.00 mm<sup>2</sup>, gold-plated

---

### Crimping tool

## Contact insert module - HC-M-06P-MOD-ST - 1636457

### Accessories

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

---

### Universal tools

Contact removal tool - UNIFOX RT-CK 2.5 - 1072067



Contact removal tool, for turned CK 2,5... contacts

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Heavy Duty Power Connectors](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[647757-1](#) [6643411-1](#) [6646058-2](#) [6646137-1](#) [6646138-1](#) [6646479-1](#) [6646608-1](#) [6646786-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#)  
[6651788-1](#) [696475-1](#) [702-32-01109](#) [703-25-02205](#) [73000005059](#) [73000005642](#) [73080255059](#) [73080965046](#) [765-15-0080A](#) [765-16-0080B](#)  
[765-18-0080D](#) [829992-1](#) [902-77-02113](#) [PS00/A0620/6300](#) [PS25/A0420/63](#) [129-1J](#) [1409400](#) [AN0024023](#) [E6374G1](#) [e6389g2](#) [157-43GW8](#)  
[MS3117-14AC](#) [1643543-1](#) [1650540-1](#) [1651811-2](#) [1766260-1](#) [1766282-1](#) [1766966-1](#) [1791340000](#) [NLDFT-3-BL-L-S120-M40A](#) [NLDFT-N-](#)  
[W-L-C240-M40B](#) [NLS-2-R-C240-M40B](#) [NLS-N-W-C240-M40B](#) [NPS-3-BL-T6](#) [1986615-1](#) [2-1589900-8](#) [2199314-1](#) [KA8102](#)