

## Contact insert module - HC-M-04-MOD-BUC - 1585605


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, socket, 4-pos. to 40 A, crimp connection

RoHS

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 046356 290043
GTIN	4046356290043
Weight per Piece (excluding packing)	10.800 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Height	40.9 mm
Width	34.2 mm
Length	14.6 mm

#### Electrical characteristics

Rated voltage (III/3)	830 V
Rated current	40 A
Rated surge voltage	8 kV
Connection profile	4

#### Ambient conditions

# Contact insert module - HC-M-04-MOD-BUC - 1585605

## Technical data

### Ambient conditions

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

### Mechanical characteristics

Conductor cross section	1.5 mm² ... 6 mm²
Connection cross section AWG	16 ... 10
Stripping length of the individual wire	9 mm (for 1.5 ... 2.5 mm²)
	9.6 mm (4 mm² ... 6 mm²)
Contact diameter	4 mm
Insertion/withdrawal cycles	≥ 500

### General

Note	For HEAVYCON HC-B6 to B48 housing, HC-M-MHR... hinged retaining frame required, crimp connection (crimp contacts not supplied as standard)
Series	HC-M-04
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	For housing heights ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
Connection	The module cannot be used simultaneously with the HC-B...TMB-SD-IP65 and HC-B...TMS-SD-IP65 protective covers.

### Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### Standards and Regulations

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

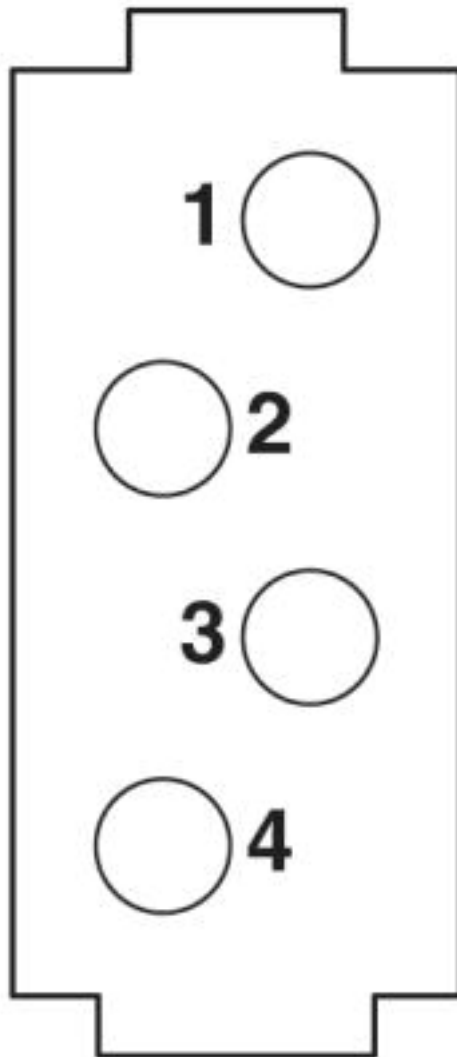
### Environmental Product Compliance

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

## Drawings

## Contact insert module - HC-M-04-MOD-BUC - 1585605

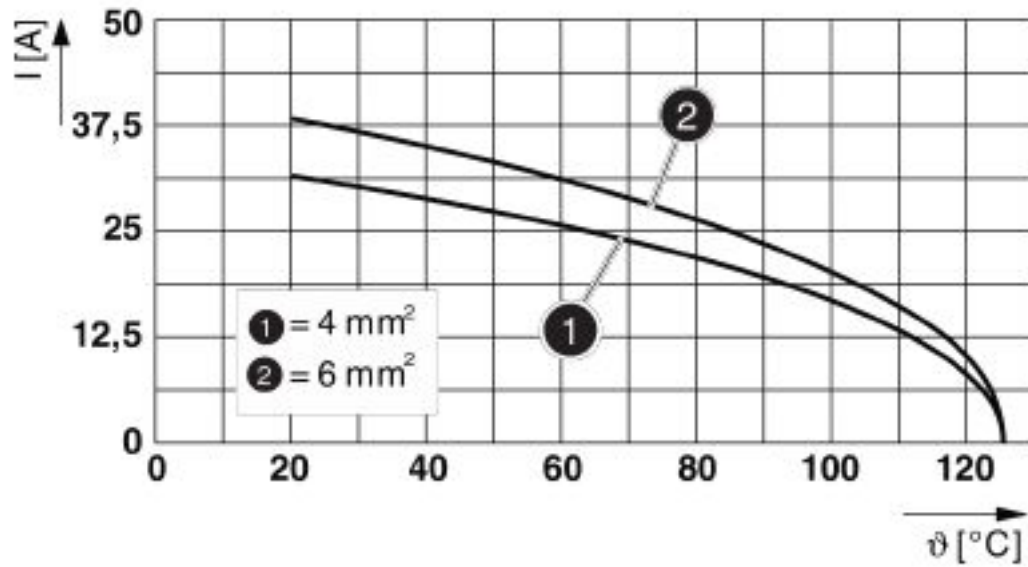
Schematic diagram



Connector pin assignment, connection side

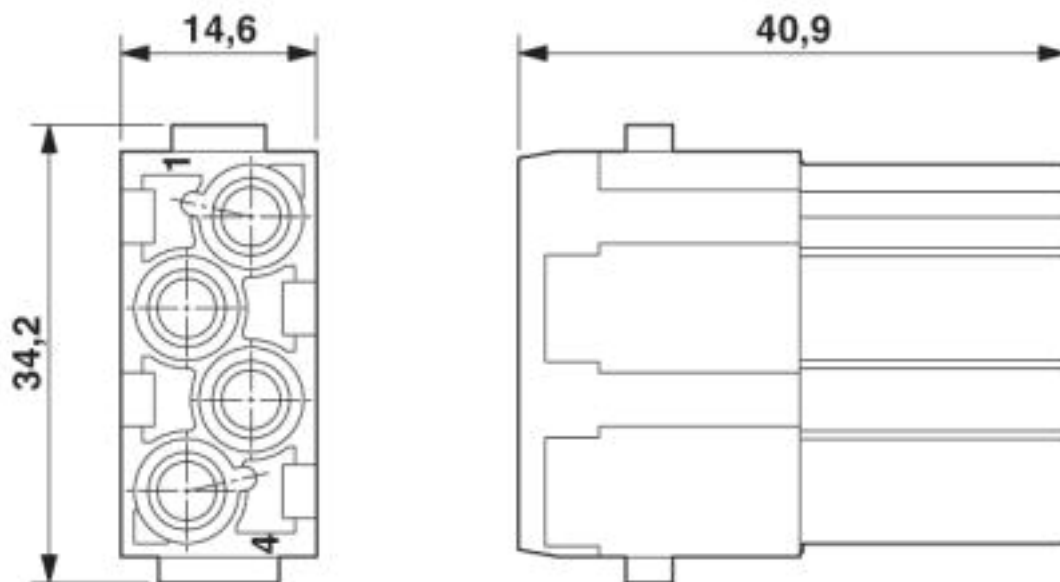
## Contact insert module - HC-M-04-MOD-BUC - 1585605

Diagram



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

Dimensional drawing



Socket module

## Contact insert module - HC-M-04-MOD-BUC - 1585605

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
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 - CK4,0-ED-1,50BU AG - 1663271



Turned 4.0 crimp contact, individual female contact, core diameter 1.50 mm², silver-plated

## Contact insert module - HC-M-04-MOD-BUC - 1585605

### Accessories

Crimp contact - CK4,0-ED-2,50BU AG - 1663284



Turned 4.0 crimp contact, individual female contact, core diameter 2.50 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK4,0-ED-4,00BU AG - 1663297



Turned 4.0 crimp contact, individual female contact, core diameter 4.00 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK4,0-ED-6,00BU AG - 1663307



Turned 4.0 crimp contact, individual female contact, core diameter 6.00 mm<sup>2</sup>, silver-plated

---

Crimp contact - CK4,0-ED-10,00BU AG - 1586183



Turned 4.0 crimp contact, single socket contact, 10 mm<sup>2</sup> conductor cross section, silver-plated

---

### Crimping tool

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

---

## Contact insert module - HC-M-04-MOD-BUC - 1585605

### Accessories

Crimping pliers - CRIMPFOX-TC 10 - 1212114



Crimping pliers, for turned contacts with a pin diameter of 4.0 mm, two marked die stations, pressure lock can be released, lateral entry, incl. positioning help

---

### Universal tools

Contact removal tool - UNIFOX RT-CK 4.0 - 1072064



Contact removal tool, for rotated CK-4,0-... contacts