

## Contact insert module - HC-M-03/04-MOD-STC - 1585799

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, shock-proof pins, 3 power contacts / 4 control contacts, crimp connection



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
Weight per Piece (excluding packing)	14.62 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Electrical characteristics

Note	For HEAVYCON HC-B6 to B48 housing, HC-M-MHR... hinged retaining frame required, crimp connection, power contacts: CK 4,0-ED..., control contacts: CK 1,6-ED... (crimp contacts not supplied as standard)
Rated voltage (III/3)	830 V (power contacts) 830 V (control contacts)
Rated current	40 A (power contacts) 10 A (control contacts)
Rated surge voltage	8 kV (power contacts) 8 kV (control contacts)

#### Ambient conditions

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

#### Mechanical characteristics

Conductor cross section	1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup> (power contacts) 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (control contacts)
Connection cross section AWG	16 ... 10 (power contacts)

## Contact insert module - HC-M-03/04-MOD-STC - 1585799

### Technical data

#### Mechanical characteristics

	26 ... 14 (control contacts)
Stripping length of the individual wire	9 mm (9.6 mm (4-6 mm <sup>2</sup> ))
	8 mm (6 mm (2,5 mm <sup>2</sup> ))
Wire diameter including insulation	5 mm (for power contacts)
Insertion/withdrawal cycles	≥ 500

#### General

Series	HC-M-03/04
Number of module slots	1
Connection method	Crimp connection (power contacts)
	Crimp connection (control contacts)
Flammability rating according to UL 94	V0
Pollution degree	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 HC-B...-TMB-SD-IP65 and HC-B...-TMS-SD-IP65 protective covers. Not suitable for CK1,6-ED...POF fiber optic contacts.

#### Material data

Contact material	Copper alloy
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	272607xx
eCl@ss 4.1	27260701
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

# Contact insert module - HC-M-03/04-MOD-STC - 1585799

## Classifications

### ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

### UNSPSC

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

## Approvals

### Approvals

---

Approvals

UL Recognized / EAC

---


Ex Approvals

---

Approvals submitted

---

### Approval details

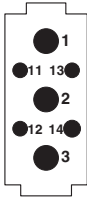
UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	10
Nominal current I <sub>N</sub>	40 A
Nominal voltage U <sub>N</sub>	600 V

EAC
-----

## Drawings

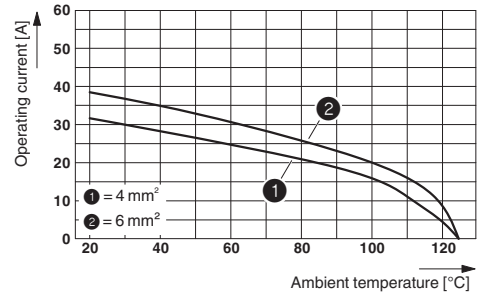
# Contact insert module - HC-M-03/04-MOD-STC - 1585799

Schematic diagram



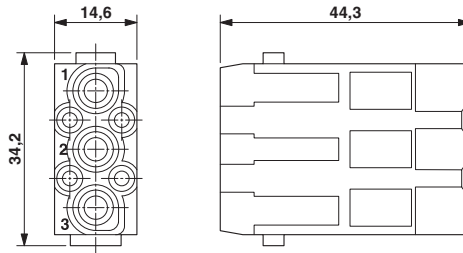
Connector pin assignment, connection side

Diagram



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

Dimensional drawing



Pin module