

## Contact insert - HC-M-02-MOD-STC - 1587506

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HEAVYCON contact insert module, male, 2-pos., crimp connection



### Product description

Contact insert module, 2-pos., crimp connection



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	2 PCE
Custom tariff number	85366990
Country of origin	Germany

### 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
Rated voltage (III/3)	1000 V
Rated current	40 A
Rated surge voltage	8 kV
Number of positions	2

#### Ambient conditions

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

Conductor cross section	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Connection cross section AWG	16 ... 8
Stripping length of the individual wire	9 mm (For 1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> )
	9.6 mm (for 4 mm <sup>2</sup> ... 6 mm <sup>2</sup> )

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## Technical data

### Mechanical characteristics

	18 mm for 10 mm <sup>2</sup>
Insertion/withdrawal cycles	≥ 500

### General

Series	HC-M-02
Number of module slots	1
Connection method	Crimp connection
Connection in acc. with standard	IEC / EN
Inflammability class according to UL 94	V0
Pollution degree	3
Surge voltage category	III

### Material data

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

## 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	27261205
eCl@ss 7.0	27440207
eCl@ss 8.0	27440207

### ETIM

ETIM 2.0	EC000438
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

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## Classifications

### UNSPSC

UNSPSC 13.2	39121522
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## Approvals

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#### Approvals

UL Recognized / GOST

Ex Approvals

Approvals submitted

### Approval details

UL Recognized	
Nominal current I <sub>N</sub>	40 A
Nominal voltage U <sub>N</sub>	600 V

GOST	
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## Accessories

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#### Assembly tool

Assembly tool - CK4,0-EWZ - 1662735



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

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### Accessories

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#### Crimp contact

Crimp contact - CK4,0-ED-1,50ST AG - 1663239



Turned 4.0 crimp contact, individual male contact, core diameter 1.5 mm<sup>2</sup>, silver-plated

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Crimp contact - CK4,0-ED-2,50ST AG - 1663242



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

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Crimp contact - CK4,0-ED-4,00ST AG - 1663255



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

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Crimp contact - CK4,0-ED-6,00ST AG - 1663268



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

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Crimp contact - CK4,0-ED-10,00ST AG - 1586198



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

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## Accessories

### Crimping tool

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for turned contacts, 0.5 - 4.0 mm<sup>2</sup>, square crimp, incl. contact support

Crimping pliers - CRIMPFOX-TC 10 - 1212114



Crimping pliers, for turned contacts, 6.0 - 10 mm<sup>2</sup>, square crimp, incl. contact locator

## Mounting material

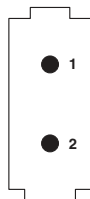
Cable lug - HC-M-MHR-PE16 - 1636981



Cable lug for HEAVYCON-MODULAR; PE connection extension to 16 mm<sup>2</sup>, for crimping with crimp pliers

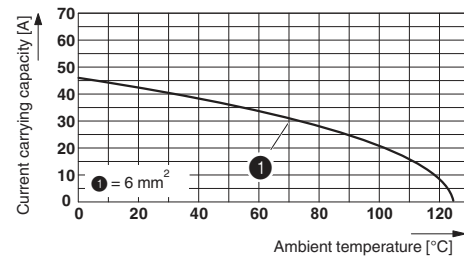
## Drawings

Schematic diagram



Connector pin assignment

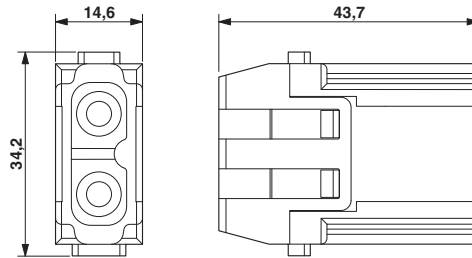
Diagram



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

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Dimensioned drawing



Male insert