

Contact insert - HC-M-02-MOD-BUC - 1587519

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://download.phoenixcontact.com>)

HEAVYCON contact insert module, socket, 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
---------------------------------	-------------------

Mechanical characteristics

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

Contact insert - HC-M-02-MOD-BUC - 1587519

Technical data

Mechanical characteristics

	18 mm for 10 mm ²
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

Contact insert - HC-M-02-MOD-BUC - 1587519

Classifications

UNSPSC

UNSPSC 13.2	39121522
-------------	----------

Approvals

Approvals

Approvals

UL Recognized / GOST

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
Nominal current I _N	40 A
Nominal voltage U _N	600 V

GOST	
------	--

Accessories

Accessories

Assembly tool

Assembly tool - CK4,0-EWZ - 1662735



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

Contact insert - HC-M-02-MOD-BUC - 1587519

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

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



Turned 4.0 crimp contact, individual female contact, core diameter 2.50 mm², silver-plated

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



Turned 4.0 crimp contact, individual female contact, core diameter 4.00 mm², silver-plated

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



Turned 4.0 crimp contact, individual female contact, core diameter 6.00 mm², silver-plated

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



Turned 4.0 crimp contact, single socket contact, 10 mm² conductor cross section, silver-plated

Contact insert - HC-M-02-MOD-BUC - 1587519

Accessories

Crimping tool

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for turned contacts, 0.5 - 4.0 mm², square crimp, incl. contact support

Crimping pliers - CRIMPFOX-TC 10 - 1212114



Crimping pliers, for turned contacts, 6.0 - 10 mm², square crimp, incl. contact locator

Mounting material

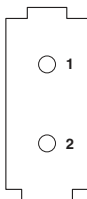
Cable lug - HC-M-MHR-PE16 - 1636981



Cable lug for HEAVYCON-MODULAR; PE connection extension to 16 mm², for crimping with crimp pliers

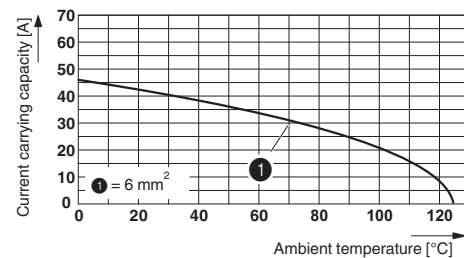
Drawings

Schematic diagram



Connector pin assignment

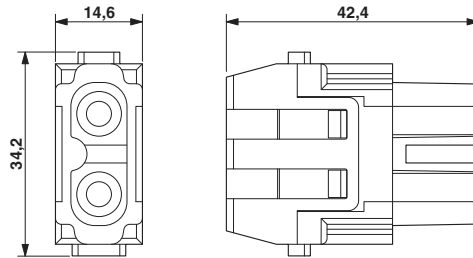
Diagram



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

Contact insert - HC-M-02-MOD-BUC - 1587519

Dimensioned drawing



Female insert