

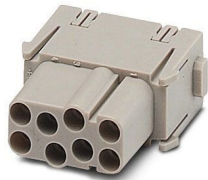
HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

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 documentation. Our general terms of use for downloads are valid.



HEAVYCON contact insert module, female, 8-pos., crimp connection

Commercial data

Item number	1605003
Packing unit	1 pc
Minimum order quantity	200 pc
Note	Made to order (non-returnable)
Sales key	BF62
Product key	BF7ACB
Catalog page	Page 557 (C-4-2015)
GTIN	4017918893323
Weight per piece (including packing)	11.095 g
Weight per piece (excluding packing)	9.62 g
Customs tariff number	85366990
Country of origin	DE

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

Technical data

Notes

General	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)
---------	--

Mounting

Assembly instructions	Housing height \geq 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
-----------------------	--

Product properties

Product type	Modular contact insert
Number of positions	8
Connection profile	8
Contact numbering	1 - 8
Application	Power
Number of module slots	1
Contact material type	turned
Series	HC-M-08

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

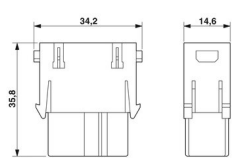
Connection technology

Connection technology	Crimp connection
-----------------------	------------------

Conductor connection

Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	35.8 mm
Length	14.6 mm

Mechanical characteristics

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

Minimum housing height	52 mm
Contact diameter	2.5 mm

Electrical properties

Rated voltage (III/3)	400 V
Rated surge voltage	6 kV
Rated current	16 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Environmental and real-life conditions

Ambient conditions

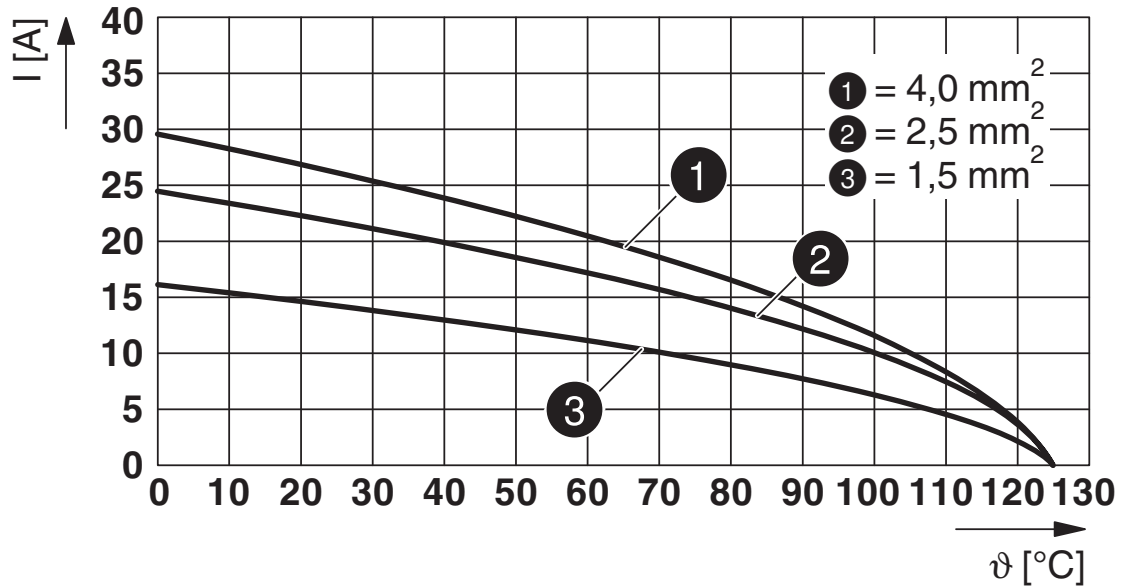
Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

1605003

<https://www.phoenixcontact.com/us/products/1605003>

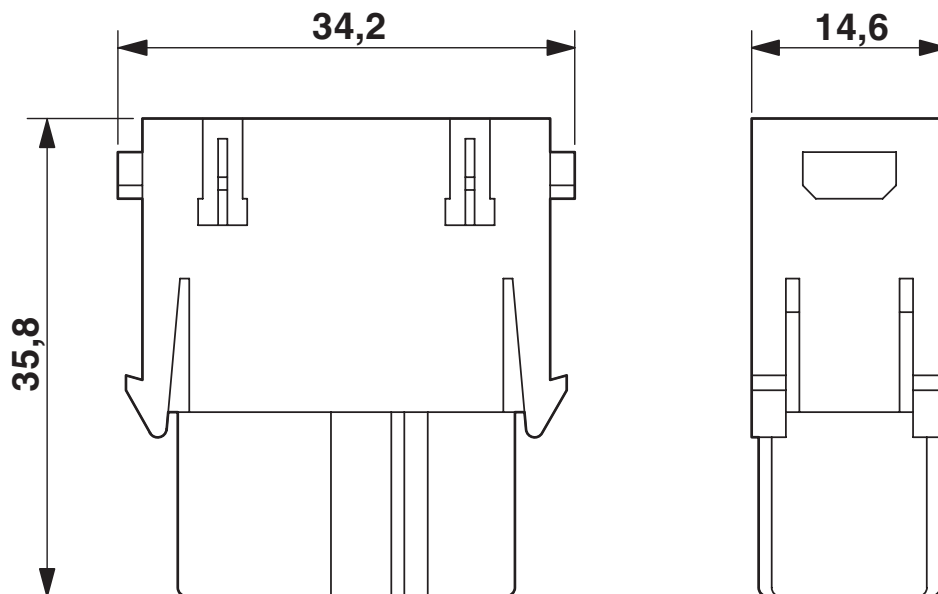
Drawings

Diagram



Derating diagram

Dimensional drawing



Female insert

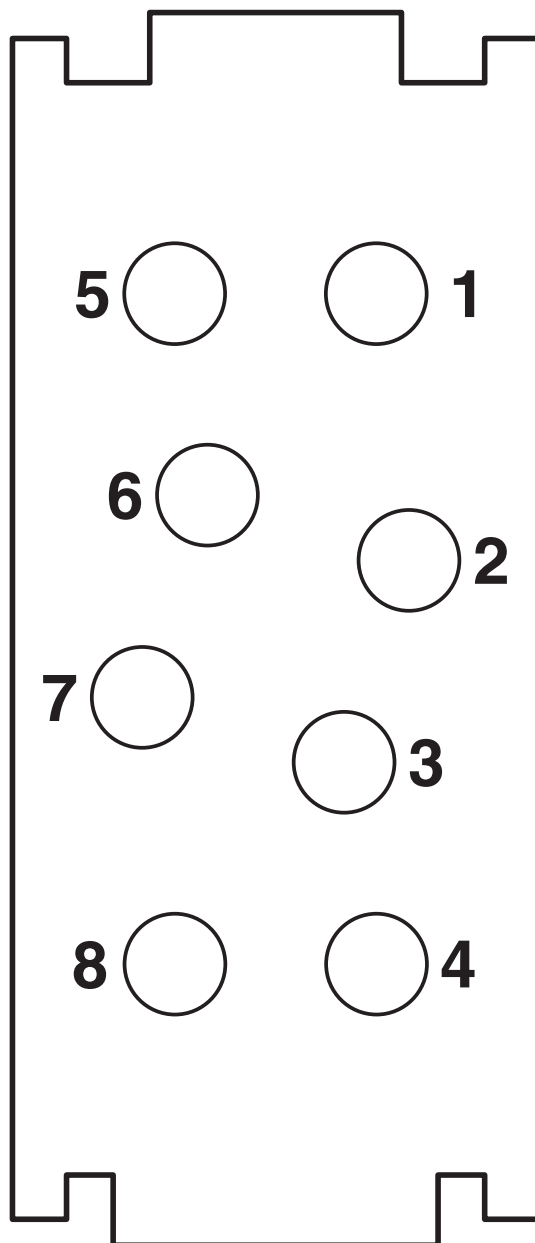
HC-M-08-MOD-BU - Contact insert module

1605003

<https://www.phoenixcontact.com/us/products/1605003>



Schematic diagram



HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

Environmental product compliance

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

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

Accessories

CK2,5-ED-BB - Dummy socket

1584693

<https://www.phoenixcontact.com/us/products/1584693>



Dummy socket for contact carrier with turned CK 2,5-ED... socket contacts. For HC-A../HC-BB../HC-M... series contact inserts.

CK2,5-ED-0,50BU AG - Crimp contact

1663640

<https://www.phoenixcontact.com/us/products/1663640>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-0,75BU AG - Crimp contact

1663653

<https://www.phoenixcontact.com/us/products/1663653>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

CK2,5-ED-1,00BU AG - Crimp contact

1663666

<https://www.phoenixcontact.com/us/products/1663666>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.75 mm² ... 1 mm², AWG 18

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-1,50BU AG - Crimp contact

1663679

<https://www.phoenixcontact.com/us/products/1663679>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK2,5-ED-2,50BU AG - Crimp contact

1663682

<https://www.phoenixcontact.com/us/products/1663682>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-3,00BU AG - Crimp contact

1663695

<https://www.phoenixcontact.com/us/products/1663695>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 3 mm² ... 3 mm², AWG 12

CK2,5-ED-4,00BU AG - Crimp contact

1663705

<https://www.phoenixcontact.com/us/products/1663705>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 4 mm² ... 4 mm², AWG 12

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-0,50F AG - Crimp contact

1273612

<https://www.phoenixcontact.com/us/products/1273612>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

CK2,5-ED-0,75F AG - Crimp contact

1273611

<https://www.phoenixcontact.com/us/products/1273611>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-1,00F AG - Crimp contact

1273610

<https://www.phoenixcontact.com/us/products/1273610>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 1 mm² ... 1 mm², AWG 18

CK2,5-ED-1,50F AG - Crimp contact

1273609

<https://www.phoenixcontact.com/us/products/1273609>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-2,50F AG - Crimp contact

1273607

<https://www.phoenixcontact.com/us/products/1273607>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

CK2,5-ED-3,00F AG - Crimp contact

1273606

<https://www.phoenixcontact.com/us/products/1273606>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 3 mm² ... 3 mm², AWG 12

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-4,00F AG - Crimp contact

1273604

<https://www.phoenixcontact.com/us/products/1273604>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 4 mm² ... 4 mm², AWG 12

CK2,5-ED-0,37BU AU - Crimp contact

1585647

<https://www.phoenixcontact.com/us/products/1585647>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.14 mm² ... 0.37 mm², AWG 22 ... 26

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-0,50BU AU - Crimp contact

1674859

<https://www.phoenixcontact.com/us/products/1674859>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

CK2,5-ED-1,00BU AU - Crimp contact

1674833

<https://www.phoenixcontact.com/us/products/1674833>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.75 mm² ... 1 mm², AWG 18

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-1,50BU AU - Crimp contact

1674820

<https://www.phoenixcontact.com/us/products/1674820>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK2,5-ED-2,50BU AU - Crimp contact

1674862

<https://www.phoenixcontact.com/us/products/1674862>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-4,00BU AU - Crimp contact

1674846

<https://www.phoenixcontact.com/us/products/1674846>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 4 mm² ... 4 mm², AWG 12

CK2,5-ED-0,37F AU - Crimp contact

1273567

<https://www.phoenixcontact.com/us/products/1273567>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 0.14 mm² ... 0.37 mm², AWG 22 ... 26

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-0,50F AU - Crimp contact

1273564

<https://www.phoenixcontact.com/us/products/1273564>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

CK2,5-ED-1,00F AU - Crimp contact

1271379

<https://www.phoenixcontact.com/us/products/1271379>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 1 mm² ... 1 mm², AWG 18

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-1,50F AU - Crimp contact

1271375

<https://www.phoenixcontact.com/us/products/1271375>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK2,5-ED-2,50F AU - Crimp contact

1271376

<https://www.phoenixcontact.com/us/products/1271376>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

HC-M-08-MOD-BU - Contact insert module



1605003

<https://www.phoenixcontact.com/us/products/1605003>

CK2,5-ED-4,00F AU - Crimp contact

1271372

<https://www.phoenixcontact.com/us/products/1271372>



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 4 mm² ... 4 mm², AWG 12

CRIMPFOX-TC 4 - Crimping pliers

1212113

<https://www.phoenixcontact.com/us/products/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

HC-M-08-MOD-BU - Contact insert module

1605003

<https://www.phoenixcontact.com/us/products/1605003>



UNIFOX RT-CK 2.5 - Contact removal tool

1072067

<https://www.phoenixcontact.com/us/products/1072067>

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



Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com