

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

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.



Contact insert module, number of positions: 8, Socket, Crimp connection, 48 V, 10 A, 0.14 mm² .. 1.5 mm², external cable diameter:4.5 mm ... 9 mm, application: Data/signal, without crimp contacts, with two cable outlets

Commercial data

Item number	1353617
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF7ACE
GTIN	4063151899073
Weight per piece (including packing)	69.5 g
Weight per piece (excluding packing)	22.22 g
Country of origin	PL

Technical data

Notes

General	Connectors may be operated only when there is no load/voltage.
---------	--

Mounting

Assembly note	To ensure correct use, installation in housing with IP54 protection or better is required
---------------	---

Product properties

Product type	Modular contact insert
Series	HC-M-08-MBIT
Application	Data/signal
Number of positions	8
Connection profile	8
Contact numbering	1 - 8
No. of cable outlets	2
Number of module slots	1
Contact material type	turned
	rolled
Shielded	yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology

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

Conductor connection

Conductor cross section	0.14 mm ² ... 1.5 mm ²
Connection cross section AWG	26 ... 16

Dimensions

Width	33.8 mm
Height	56.7 mm
Length	14.6 mm

Mechanical characteristics

Minimum housing height	72 mm
Contact diameter	1.6 mm

Electrical properties

Rated voltage (III/3)	48 V
-----------------------	------

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

Rated current	10 A
Transmission characteristics (category)	CAT5e

Mechanical properties

Mechanical data

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

Material specifications

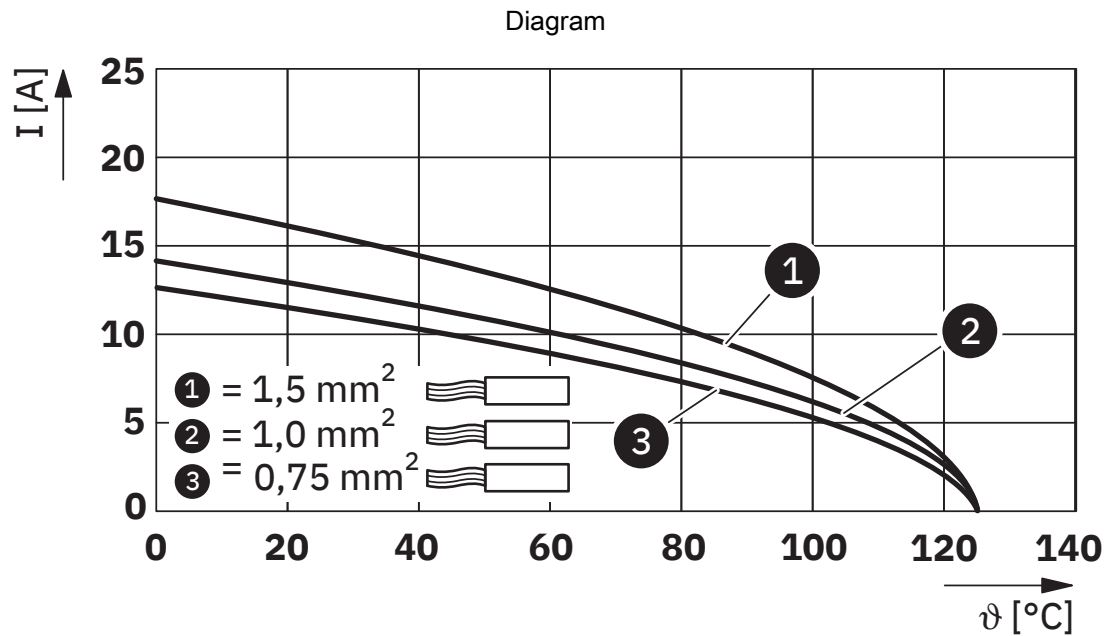
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact carrier material	PC

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
---------------------------------	--

Drawings



Derating diagram

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

Classifications

ECLASS

ECLASS-13.0	27440218
-------------	----------

ETIM

ETIM 9.0	EC000438
----------	----------

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

Accessories

HC-CBU-MOD - Coding element

1636130

<https://www.phoenixcontact.com/in/products/1636130>



Coding socket for coding up to 16 connectors, for HC Modular

HC-CST-MOD - Coding element

1636127

<https://www.phoenixcontact.com/in/products/1636127>



Coding peg for coding up to 16 connectors, for HC Modular

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

HC-M-B06-MFH-B - Module carrier frame

1182085

<https://www.phoenixcontact.com/in/products/1182085>



Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

HC-M-B10-MFH-B - Module carrier frame

1182088

<https://www.phoenixcontact.com/in/products/1182088>



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

HC-M-08-MBIT-CT-F-2 - Contact insert module

1353617

<https://www.phoenixcontact.com/in/products/1353617>



HC-M-B16-MFH-B - Module carrier frame

1182090

<https://www.phoenixcontact.com/in/products/1182090>

Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame



HC-M-B24-MFH-B - Module carrier frame

1182094

<https://www.phoenixcontact.com/in/products/1182094>

Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame



HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

HC-M-B06-MFH-H - Module carrier frame

1182087

<https://www.phoenixcontact.com/in/products/1182087>



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

HC-M-B10-MFH-H - Module carrier frame

1182089

<https://www.phoenixcontact.com/in/products/1182089>



Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

HC-M-08-MBIT-CT-F-2 - Contact insert module

1353617

<https://www.phoenixcontact.com/in/products/1353617>



HC-M-B16-MFH-H - Module carrier frame

1182093

<https://www.phoenixcontact.com/in/products/1182093>

Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ...
6 mm², application: Module carrier frame



HC-M-B24-MFH-H - Module carrier frame

1182095

<https://www.phoenixcontact.com/in/products/1182095>

Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ...
6 mm², application: Module carrier frame



HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,37BU AG - Crimp contact

1663394

<https://www.phoenixcontact.com/in/products/1663394>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.14 mm² ... 0.37 mm², AWG 26 ... 22

CK1,6-ED-0,50BU AG - Crimp contact

1663404

<https://www.phoenixcontact.com/in/products/1663404>



Crimp contact, contact diameter: 1.6 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-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,75BU AG - Crimp contact

1663417

<https://www.phoenixcontact.com/in/products/1663417>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

CK1,6-ED-1,00BU AG - Crimp contact

1663420

<https://www.phoenixcontact.com/in/products/1663420>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1 mm² ... 1 mm², AWG 18

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-1,50BU AG - Crimp contact

1663433

<https://www.phoenixcontact.com/in/products/1663433>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK1,6-ED-2,50BU AG - Crimp contact

1663446

<https://www.phoenixcontact.com/in/products/1663446>



Crimp contact, contact diameter: 1.6 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-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-BU-POF - Female contact

1885004

<https://www.phoenixcontact.com/in/products/1885004>



POF fiber optic socket contact, turned, for contact carriers (HC-DD...I-CT.../ HC-M-12-CT-F.../ HC-M-17-CT-F...) of CK1,6-ED... contacts

CK1,6-ED-0,37F AG - Crimp contact

1266249

<https://www.phoenixcontact.com/in/products/1266249>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.14 mm² ... 0.34 mm², AWG 24 ... 22

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,50F AG - Crimp contact

1266252

<https://www.phoenixcontact.com/in/products/1266252>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

CK1,6-ED-0,75F AG - Crimp contact

1266259

<https://www.phoenixcontact.com/in/products/1266259>



Crimp contact, contact diameter: 1.6 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-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-1,50F AG - Crimp contact

1266263

<https://www.phoenixcontact.com/in/products/1266263>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK1,6-ED-2,50F AG - Crimp contact

1266295

<https://www.phoenixcontact.com/in/products/1266295>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,37BU AU - Crimp contact

1674969

<https://www.phoenixcontact.com/in/products/1674969>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.14 mm² ... 0.37 mm², AWG 26 ... 22

CK1,6-ED-0,50BU AU - Crimp contact

1674480

<https://www.phoenixcontact.com/in/products/1674480>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,75BU AU - Crimp contact

1672440

<https://www.phoenixcontact.com/in/products/1672440>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

CK1,6-ED-1,00BU AU - Crimp contact

1674943

<https://www.phoenixcontact.com/in/products/1674943>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 1 mm² ... 1 mm², AWG 18

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-1,50BU AU - Crimp contact

1674930

<https://www.phoenixcontact.com/in/products/1674930>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK1,6-ED-2,50BU AU - Crimp contact

1674985

<https://www.phoenixcontact.com/in/products/1674985>



Crimp contact, contact diameter: 1.6 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-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,37F AU - Crimp contact

1266279

<https://www.phoenixcontact.com/in/products/1266279>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 0.14 mm² ... 0.34 mm², AWG 24 ... 22

CK1,6-ED-0,50F AU - Crimp contact

1266282

<https://www.phoenixcontact.com/in/products/1266282>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-0,75F AU - Crimp contact

1266283

<https://www.phoenixcontact.com/in/products/1266283>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

CK1,6-ED-1,00F AU - Crimp contact

1266288

<https://www.phoenixcontact.com/in/products/1266288>



Crimp contact, contact diameter: 1.6 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-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ED-1,50F AU - Crimp contact

1266290

<https://www.phoenixcontact.com/in/products/1266290>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: gold-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

CK1,6-ED-2,50F AU - Crimp contact

1266294

<https://www.phoenixcontact.com/in/products/1266294>



Crimp contact, contact diameter: 1.6 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-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-ER-1,00BU OIC AG - Crimp contact

1004362

<https://www.phoenixcontact.com/in/products/1004362>



Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 0.34 mm² ... 1 mm², AWG 22 ... 17

CK1,6-ER-2,50BU OIC AG - Crimp contact

1004366

<https://www.phoenixcontact.com/in/products/1004366>



Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 1.5 mm² ... 2.5 mm², AWG 16 ... 14

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CK1,6-BR-1,00BU OIC AG - Crimp contact

1004381

<https://www.phoenixcontact.com/in/products/1004381>



Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 0.34 mm² ... 1 mm², AWG 22 ... 17, Taped products

CK1,6-BR-2,50BU OIC AG - Crimp contact

1004383

<https://www.phoenixcontact.com/in/products/1004383>



Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 1.5 mm² ... 2.5 mm², AWG 16 ... 14, Taped products

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

CRIMPFOX-TC MP-6 - Crimping pliers with digital display

1202888

<https://www.phoenixcontact.com/in/products/1202888>



Crimping tool, for turned contacts, universal cross-section setting, up to a maximum of 6.0 mm², digital display with 0.01 mm increments, pressure lock can be unlocked, positioning tool necessary as an accessory for contact positioning

UNIFOX RT-CK 1.6 - Contact removal tool

1072069

<https://www.phoenixcontact.com/in/products/1072069>



Contact removal tool, for turned and rolled CK- 1.6-... contacts

HC-M-08-MBIT-CT-F-2 - Contact insert module



1353617

<https://www.phoenixcontact.com/in/products/1353617>

UNIFOX MT-CK 1.6/2.5 - Assembly tool

1089092

<https://www.phoenixcontact.com/in/products/1089092>



Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections

CRIMPFOX-TC HC 4 - Crimping pliers

1297083

<https://www.phoenixcontact.com/in/products/1297083>



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

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in