

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



1353614

<https://www.phoenixcontact.com/in/products/1353614>

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Contact insert module, number of positions: 8, Pin, 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	1353614
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF7ACE
GTIN	4063151899523
Weight per piece (including packing)	70 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.
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Mounting

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

Conductor cross section	0.14 mm² ... 1.5 mm²
Connection cross section AWG	26 ... 16

Dimensions

Width	33.8 mm
Height	58.9 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
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Rated current	10 A
Transmission characteristics (category)	CAT5e

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Material specifications

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

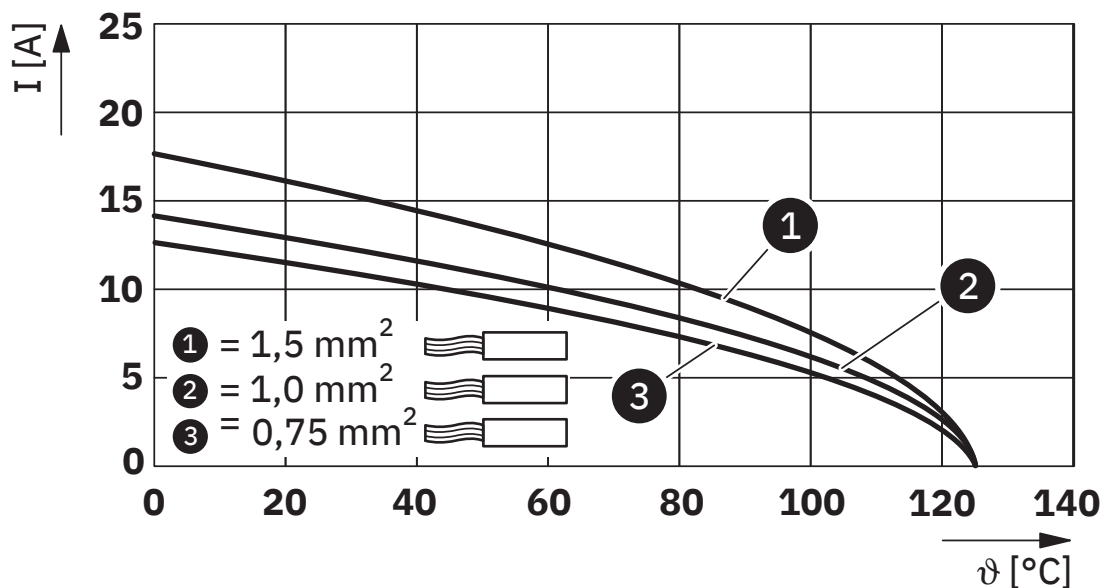
Environmental and real-life conditions

Ambient conditions

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

Diagram



Derating diagram

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Classifications

ECLASS

ECLASS-13.0	27440218
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ETIM

ETIM 9.0	EC000438
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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Accessories

HC-CBU-MOD - Coding element

1636130

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

HC-CST-MOD - Coding element

1636127

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

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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

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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



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

1182087

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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

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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



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

1663336

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

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

1663349

<https://www.phoenixcontact.com/in/products/1663349>



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

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

1663352

<https://www.phoenixcontact.com/in/products/1663352>



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

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

1663365

<https://www.phoenixcontact.com/in/products/1663365>



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

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

1663378

<https://www.phoenixcontact.com/in/products/1663378>



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

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

1663381

<https://www.phoenixcontact.com/in/products/1663381>



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

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CK1,6-ED-ST-POF - Pin contact

1884995

<https://www.phoenixcontact.com/in/products/1884995>



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

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

1266193

<https://www.phoenixcontact.com/in/products/1266193>



Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.14 mm² ... 0.34 mm², AWG 26 ... 22

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

1266195

<https://www.phoenixcontact.com/in/products/1266195>



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

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

1266245

<https://www.phoenixcontact.com/in/products/1266245>



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

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

1266450

<https://www.phoenixcontact.com/in/products/1266450>



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

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

1266244

<https://www.phoenixcontact.com/in/products/1266244>



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

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

1266247

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

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

1674901

<https://www.phoenixcontact.com/in/products/1674901>



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

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



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

1672453

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

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

1674914

<https://www.phoenixcontact.com/in/products/1674914>



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

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

1674888

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

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

1674875

<https://www.phoenixcontact.com/in/products/1674875>



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

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



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

1674927

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Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

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

1266267

<https://www.phoenixcontact.com/in/products/1266267>



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

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

1266270

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

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

1266276

<https://www.phoenixcontact.com/in/products/1266276>



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

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



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

1266272

<https://www.phoenixcontact.com/in/products/1266272>



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

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

1266274

<https://www.phoenixcontact.com/in/products/1266274>



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

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



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

1266278

<https://www.phoenixcontact.com/in/products/1266278>



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

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

1004360

<https://www.phoenixcontact.com/in/products/1004360>



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

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



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

1004365

<https://www.phoenixcontact.com/in/products/1004365>



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

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

1004380

<https://www.phoenixcontact.com/in/products/1004380>



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

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

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

1004382

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

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

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

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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



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



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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

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