

HC-M-08-GBIT-CT-M-SH - Contact insert module



1353603

<https://www.phoenixcontact.com/in/products/1353603>

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Contact insert module, number of positions: 8, Pin, Crimp connection, 48 V, 5 A, 0.08 mm² ... 0.5 mm², external cable diameter:4.5 mm ... 9 mm, application: Data, without crimp contacts, Shielded transmission to the module frame

Commercial data

Item number	1353603
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF7ACE
GTIN	4063151678364
Weight per piece (including packing)	52.8 g
Weight per piece (excluding packing)	22.22 g
Country of origin	PL

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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-GBIT
Application	Data
Sensor type	Ethernet
Number of positions	8
Connection profile	8
Contact numbering	1 - 8
No. of cable outlets	1
Number of module slots	1
Contact material type	turned
Shielded	yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

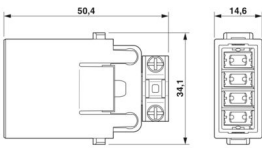
Connection technology

Connection technology	Crimp connection
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Conductor connection

Conductor cross section	0.08 mm ² ... 0.5 mm ²
Connection cross section AWG	28 ... 20
Stripping length of the individual wire	4.2 mm

Dimensions

Dimensional drawing	
Width	26.35 mm
Height	41.4 mm
Length	13.9 mm

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Mechanical characteristics

Contact diameter	1 mm
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Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	5 A
Transmission characteristics (category)	CAT6 _A

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 surface material	Au
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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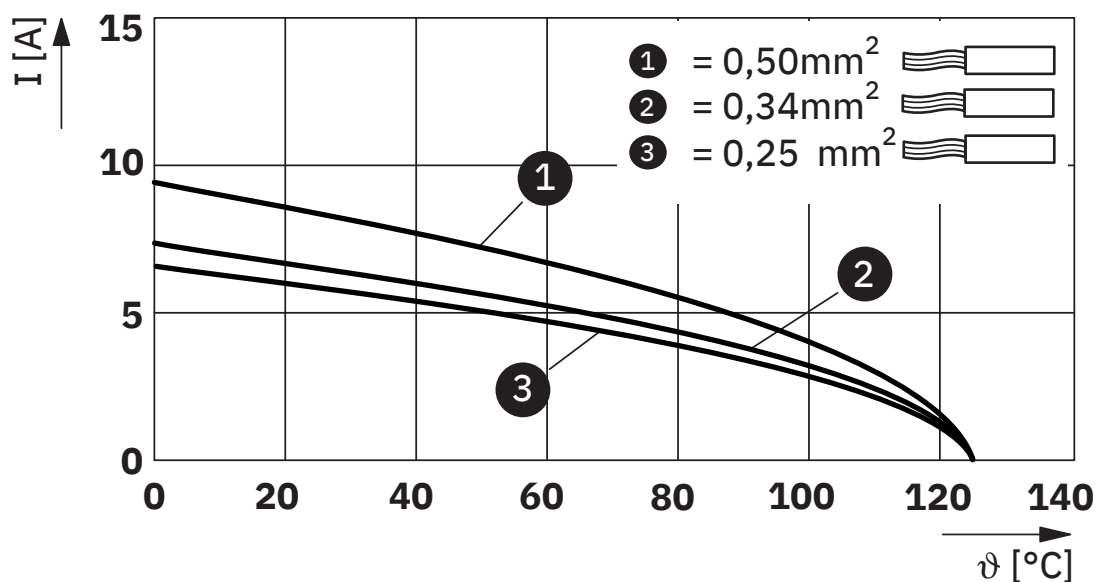
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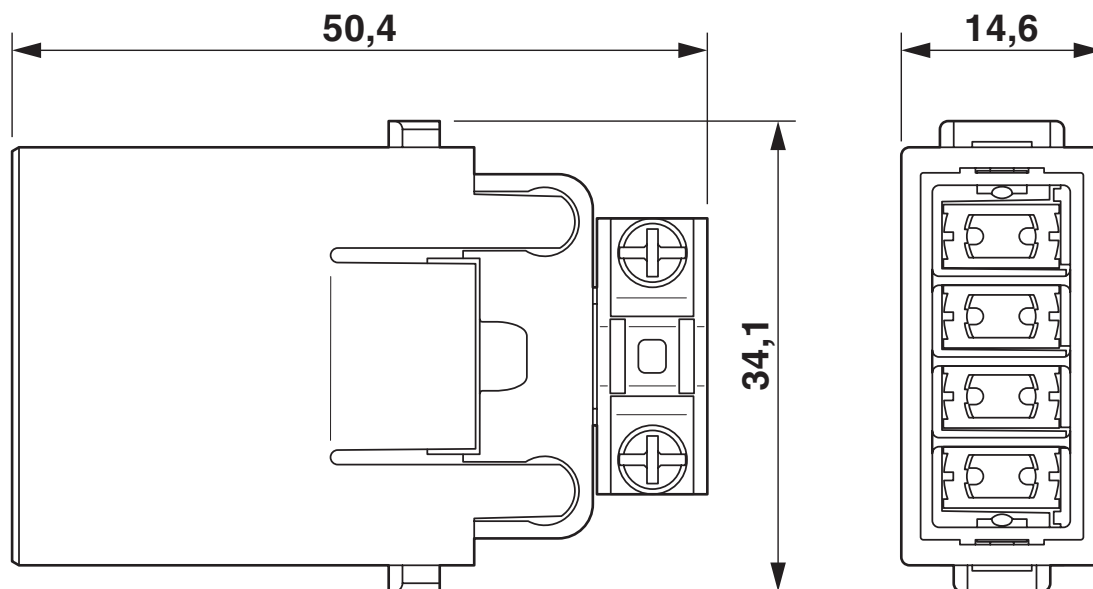
Drawings

Diagram



Derating diagram

Dimensional drawing



Male insert

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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
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

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



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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CUC-DSC-C1BAU-S/DSC28 - D-SUB crimp contact

1418784

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D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 28- 24

CUC-DSC-C1BAU-S/DSC24 - D-SUB crimp contact

1418786

<https://www.phoenixcontact.com/in/products/1418786>



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 24- 20

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

1182085

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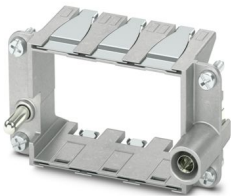


Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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

1182088

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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

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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

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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

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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

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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

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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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HC-M-08-GBIT-CT-F-SH - Contact insert module

1353610

<https://www.phoenixcontact.com/in/products/1353610>



Contact insert module, number of positions: 8, Socket, Crimp connection, 48 V, 5 A, 0.08 mm² ... 0.5 mm², application: Data, without crimp contacts, Shielded transmission to the module frame

CRIMPFOX-TC MP - Crimping pliers with digital display

1212510

<https://www.phoenixcontact.com/in/products/1212510>



Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm², digital display with 0.01 mm increments, pressure lock can be unlocked, including positioning tool

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