

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



1353620

<https://www.phoenixcontact.com/in/products/1353620>

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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, Shielded transmission to the module frame

Commercial data

Item number	1353620
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF7ACE
GTIN	4063151899219
Weight per piece (including packing)	59.3 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	1
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	53.7 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
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Rated surge voltage	0.8 kV
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
Standards/regulations	PC

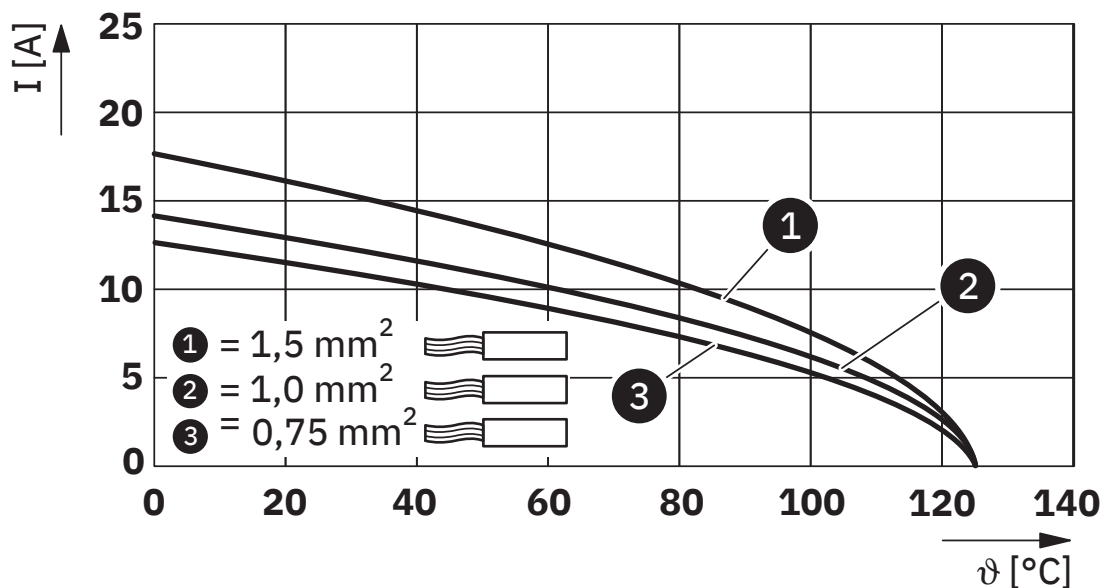
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (including heating up of contacts)
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Drawings

Diagram



Derating diagram

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Classifications

ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

ETIM

ETIM 9.0	EC000438
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UNSPSC

UNSPSC 21.0	39121400
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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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