

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



1353620

<https://www.phoenixcontact.com/nl/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
Sales key	AF7ACE
Product key	AF7ACE
GTIN	4063151899219
Weight per piece (including packing)	59,3 g
Weight per piece (excluding packing)	22,22 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

Notes

General	Connectors may be operated only when there is no load/voltage.
General	The modules can only be installed in housings with large dimensions

Mounting

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

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 mm ² ... 1.5 mm ²
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

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Rated voltage (III/3)	48 V
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

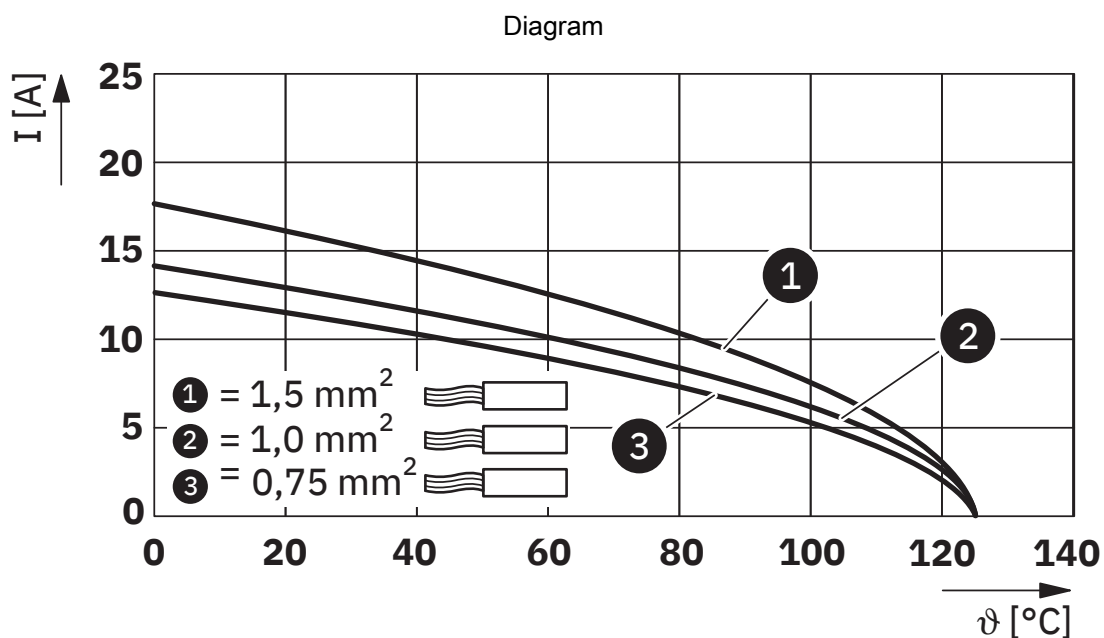
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact carrier material	PC
Standards/regulations	PC

Environmental and real-life conditions

Ambient conditions

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



Derating diagram

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Classifications

ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

ETIM

ETIM 10.0	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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PHOENIX CONTACT B.V.
Hengelder 56 6902 PA Zevenaar
Postbus 246 6900 AE Zevenaar
(0316) 59 17 20
sales@phoenixcontact.nl