

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



1353620

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

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, 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	BF62
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

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



1353620

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

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
---------------	---

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
-----------------------	------------------

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

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



1353620

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

Electrical properties

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
-----------------------------	-------

Material specifications

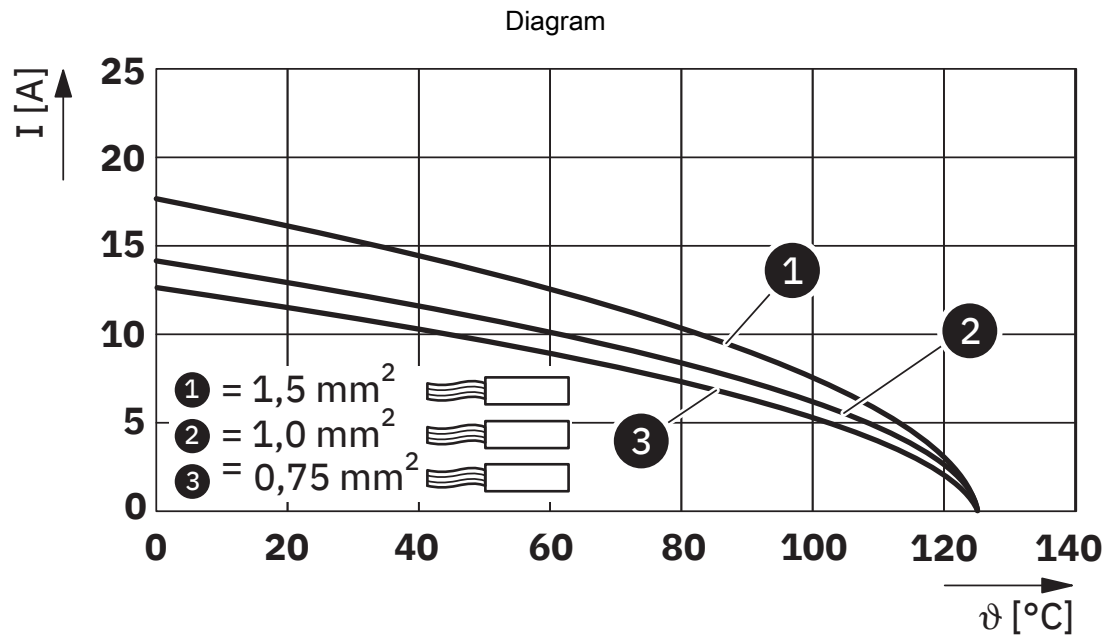
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact carrier material	PC
Standards/regulations	PC

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C ()
---------------------------------	----------------------

Drawings



Derating diagram

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



1353620

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

Classifications

ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

ETIM

ETIM 10.0	EC000438
-----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1353620

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

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com