

Contact insert module - HC-M-02-AT-M-10 - 1417389

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's documentation. Our General Terms of Use for Downloads are valid
(<http://phoenixcontact.com/download>)



Contact insert module, Number of positions: 2, Type of contact: Pin, Connection method: Axial screw connection, Rated voltage: 1000 V, Rated current: 40 A, Connection cross section: 2.5 mm² ... 10 mm², Application: Power

RoHS

Key Commercial Data

Packing unit	2 STK
Minimum order quantity	2 STK
GTIN	 4 055626 112695
GTIN	4055626112695

Technical data

Dimensions

Height	34.7 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Note	For HEAVYCON HC-B6 to B48 housing, snap-in module frame required, axial connection for 2 mm Allen key
Rated voltage (III/3)	1000 V
Rated current	40 A
Rated surge voltage	8 kV
Connection profile	2

Ambient conditions

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

Mechanical characteristics

Conductor cross section	2.5 mm² ... 10 mm² (The cross section specification refers to the geometric cross section of the cable used)
Connection cross section AWG	12 ... 10

Contact insert module - HC-M-02-AT-M-10 - 1417389

Technical data

Mechanical characteristics

Stripping length of the individual wire	5 mm +1 (2.5 mm² ... 4 mm²)
	8 mm +1 (4 mm²)
	11 mm +1 (10 mm²)
Tightening torque	1.5 Nm (2.5 - 4 mm²)
	2 Nm (6 -8 mm²)

General

Series	HC-M-02
Color	light gray
Number of module slots	1
Connection method	Axial screw connection
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Standards and Regulations

Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

Approvals

Approvals

Approvals

EAC / CSA / UL Recognized

Ex Approvals

Approval details

EAC		7500651.22.01.00246
-----	---	---------------------

Contact insert module - HC-M-02-AT-M-10 - 1417389

Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm²/AWG/kcmil		8	
Nominal current IN		45 A	
Nominal voltage UN		600 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm²/AWG/kcmil		8	
Nominal current IN		55 A	
Nominal voltage UN		600 V	

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>