

HC-M-02-PN-M-F - Contact insert module



1417434

<https://www.phoenixcontact.com/ca/products/1417434>

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: 2, Socket, Pin, application: Pneumatics, for internal hose diameter of 6 mm

Commercial data

Item number	1417434
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF27
Product key	BF7ACE
Catalog page	Page 593 (C-2-2019)
GTIN	4055626112954
Weight per piece (including packing)	5.8 g
Weight per piece (excluding packing)	5.68 g
Customs tariff number	85389099
Country of origin	PL

HC-M-02-PN-M-F - Contact insert module



1417434

<https://www.phoenixcontact.com/ca/products/1417434>

Technical data

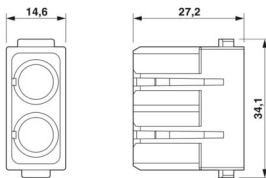
Notes

General	For HEAVYCON ADVANCE housing type B6 to B24 and HEAVYCON housing type B6 to B48. HEAVYCON HC-M-B...-MF... module carrier frame required, HC-M-PN... pneumatic pins and sockets are not supplied as standard.
General	Connectors may be operated only when there is no load/voltage.
General	The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.

Product properties

Product type	Pneumatic insert, modular
Series	HC-M-02-PN
Application	Pneumatics
Number of positions	2
Connection profile	2
Contact numbering	1 - 2
Number of module slots	1
Integrated valve	No

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	27.2 mm
Length	14.6 mm

Mechanical characteristics

Internal diameter of pressure hose connection	6 mm
Contact diameter	8 mm

Material specifications

Flammability rating according to UL 94	V0
Contact carrier material	PC
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

HC-M-02-PN-M-F - Contact insert module



1417434

<https://www.phoenixcontact.com/ca/products/1417434>

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
---------------------------------	------------------

Standards and regulations

Testing

Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
-----------------------	---

Mounting

Assembly note	To ensure correct use, installation in housing with IP54 protection or better is required
	- Snap the pneumatic contact and module together. Insert the contact into the module from the front - Place the modules assembled with the contacts in the module carrier frame. - The pneumatic tubes are pushed onto the pneumatic contact from the back of the module. The medium-sized module slots and sleeves/coupling housing with straight cable outlet direction are recommended.

HC-M-02-PN-M-F - Contact insert module

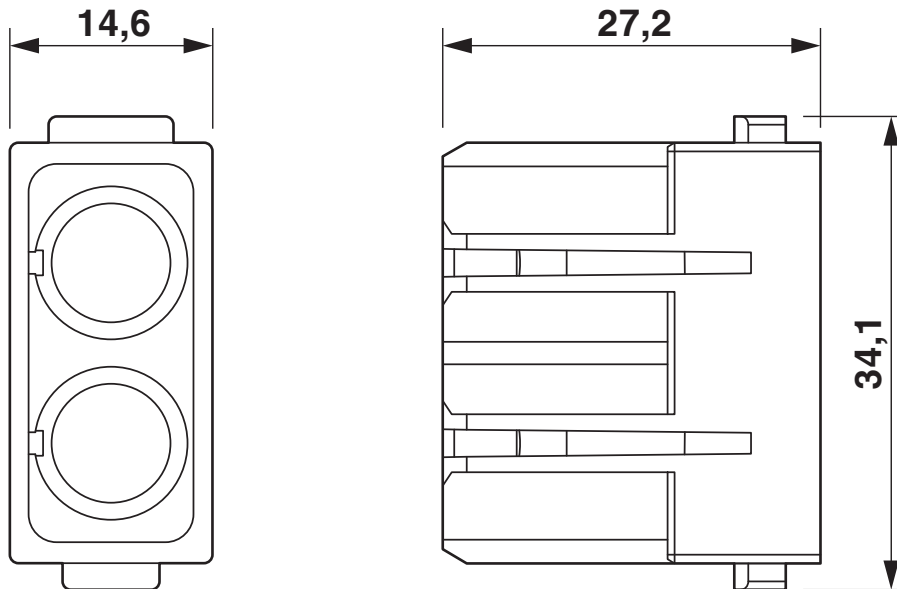


1417434

<https://www.phoenixcontact.com/ca/products/1417434>

Drawings

Dimensional drawing



HC-M-02-PN-M-F - Contact insert module



1417434

<https://www.phoenixcontact.com/ca/products/1417434>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ca/products/1417434>



CSA

Approval ID: 13631



UL Recognized

Approval ID: E118976



EAC

Approval ID: RU C-DE.BL08.B.00511

HC-M-02-PN-M-F - Contact insert module



1417434

<https://www.phoenixcontact.com/ca/products/1417434>

Classifications

ECLASS

ECLASS-11.0	27440220
ECLASS-12.0	27440220
ECLASS-13.0	27440220

ETIM

ETIM 9.0	EC000438
----------	----------

UNSPSC

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

HC-M-02-PN-M-F - Contact insert module



1417434

<https://www.phoenixcontact.com/ca/products/1417434>

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 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
8240 Parkhill Drive
Milton, Ontario L9T 5V7
1-800-890-2820
cdinfo@phoenixcontact.ca