HC-M-03-PN-M-F - Contact insert module

1417433

https://www.phoenixcontact.com/us/products/1417433

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Contact insert module, number of positions: 3, Socket, Pin, application: Pneumatics, for internal hose diameter of 1.6 / 3 / 4 mm

Commercial data

Item number	1417433
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACE
GTIN	4055626112947
Weight per piece (including packing)	5.9 g
Weight per piece (excluding packing)	5.62 g
Customs tariff number	85389099
Country of origin	PL

Technical data

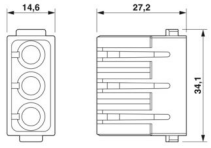
Notes

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-03-PN
Application	Pneumatics
Number of positions	3
Connection profile	3
Contact numbering	1 - 3
Number of module slots	1
Integrated valve	No

Dimensions

Dimensional drawing	
Width	34.1 mm
Height	27.2 mm
Length	14.6 mm

Mechanical characteristics

Internal diameter of pressure hose connection	1.6 mm
	3 mm
	4 mm
Contact diameter	5.2 mm

Material specifications

Flammability rating according to UL 94	V0
Contact carrier material	PC

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

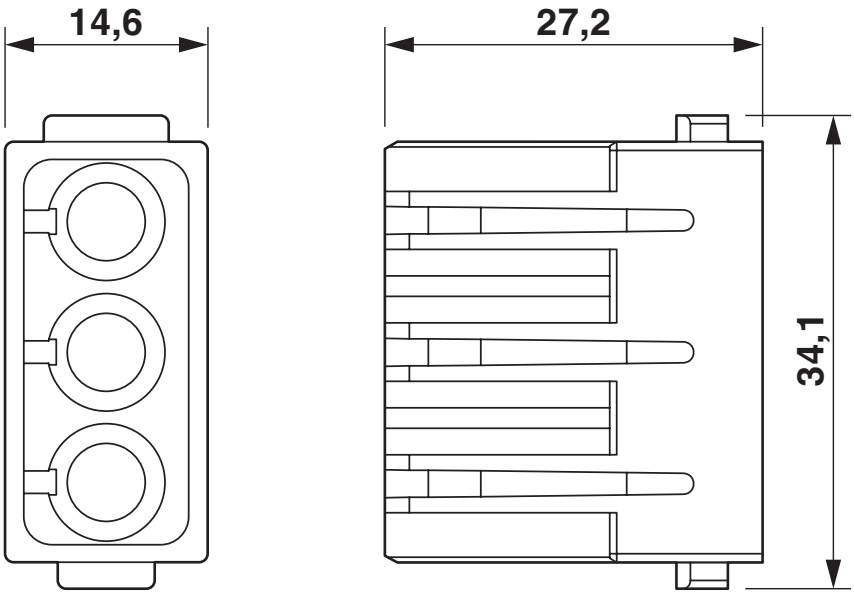
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

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.

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1417433

CSA
Approval ID: 158887

UL Recognized
Approval ID: E118976

Classifications

ECLASS

ECLASS-13.0	27440220
ECLASS-15.0	27440220

ETIM

ETIM 10.0	EC000438

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	0.029 kg CO2e

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