

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



COMPLIANT

Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 055626 112947
GTIN	4055626112947

Technical data

Dimensions

Height	27.2 mm
Width	34.1 mm
Length	14.6 mm

Electrical characteristics

Connection profile	3
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Ambient conditions

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

Contact diameter	5.2 mm
Internal diameter of pressure hose connection	1.6 mm
	3 mm
	4 mm
Insertion/withdrawal cycles	≥ 500

General

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Technical data

General

Note	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.
	Connectors may be operated only when there is no load/voltage.
	The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.
Series	HC-M-03-PN
Integrated valve	No
Color	light gray
Number of module slots	1
Flammability rating according to UL 94	V0
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	<ul style="list-style-type: none"> - 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.

Material data

Contact carrier material	PC
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Standards and Regulations

Flammability rating according to UL 94	V0
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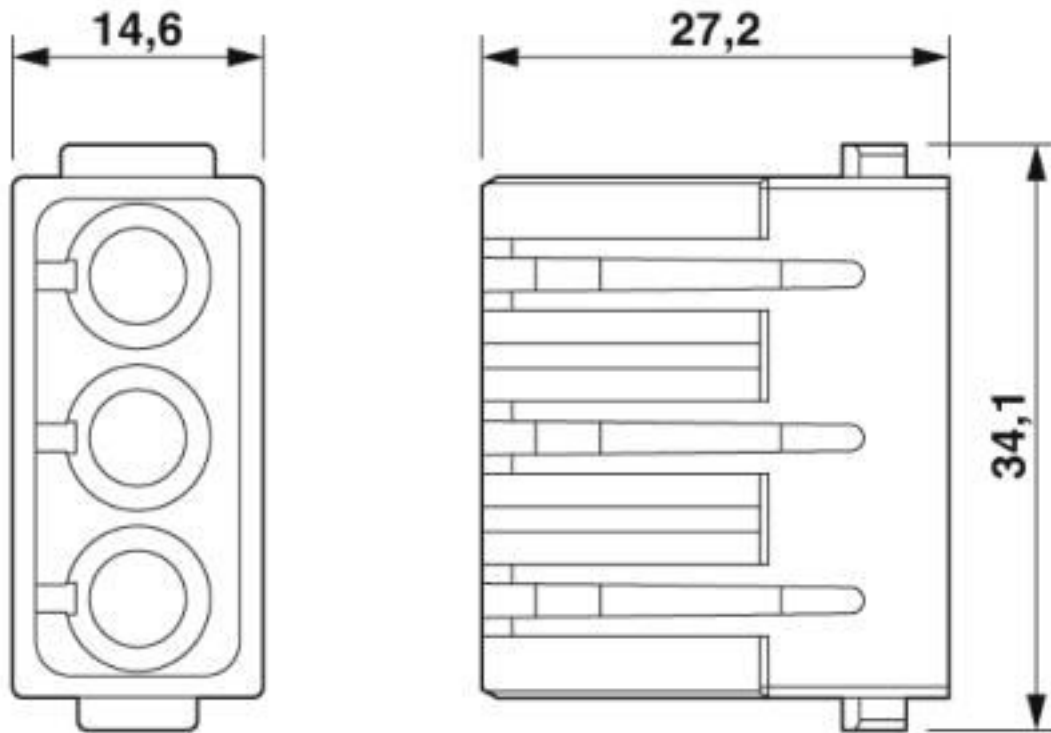
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Contact insert module - HC-M-03-PN-M-F - 1417433

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440220
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440207
eCl@ss 8.0	27440205
eCl@ss 9.0	27440220

ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

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Approvals

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CSA / UL Recognized / EAC / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
EAC			RU C- DE.AI30.B.01102
EAC			RU C- DE.BL08.B.00511

Accessories

Accessories

Coding element

Coding element - HC-CBU-MOD - 1636130



Coding socket for coding up to 16 connectors, for HC Modular

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Accessories

Coding element - HC-CST-MOD - 1636127



Coding peg for coding up to 16 connectors, for HC Modular

Module carrier frame

Module carrier frame - HC-M-B06-MFH-B - 1182085



Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B10-MFH-B - 1182088



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B16-MFH-B - 1182090



Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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Accessories

Module carrier frame - HC-M-B06-MFH-H - 1182087



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B10-MFH-H - 1182089



Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B16-MFH-H - 1182093



Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B24-MFH-H - 1182095



Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Pneumatic contact

Pneumatic contact - HC-M-PN3-1,60-ST - 1663488



Pneumatic pin, for HC-M-PN3 module, internal hose diameter of 1.6 mm

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Accessories

Pneumatic contact - HC-M-PN3-3,00-ST - 1663491



Pneumatic pin, for HC-M-PN3 module, internal hose diameter of 3.0 mm

Pneumatic contact - HC-M-PN3-4,00-ST - 1663501



Pneumatic pin, for HC-M-PN3 module, internal hose diameter of 4.0 mm

Pneumatic contact - HC-M-PN3-1,60-BU - 1663514



Pneumatic socket, for HC-M-PN3 module, internal hose diameter of 1.6 mm

Pneumatic contact - HC-M-PN3-3,00-BU - 1663527



Pneumatic socket, for HC-M-PN3 module, internal hose diameter of 3.0 mm

Pneumatic contact - HC-M-PN3-4,00-BU - 1663530



Pneumatic socket, for HC-M-PN3 module, internal hose diameter of 4.0 mm

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Accessories

Pneumatic contact - HC-M-PN3-1,60-BU-V - 1663543



Pneumatic socket with valve, for HC-M-PN3 module, internal hose diameter of 1.6 mm

Pneumatic contact - HC-M-PN3-3,00-BU-V - 1663556



Pneumatic socket with valve, for HC-M-PN3 module, internal hose diameter of 3.0 mm

Pneumatic contact - HC-M-PN3-4,00-BU-V - 1663569



Pneumatic socket with valve, for HC-M-PN3 module, internal hose diameter of 4.0 mm

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