

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

1417434
ID:1417434

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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	5 pc
Sales Key	B10
Product Key	BF7ACE
Catalog Page	Page 593 (C-2-2019)
GTIN	4055626112954
Weight per Piece (including packing)	5.68 g
Weight per Piece (excluding packing)	5.68 g
Customs tariff number	85389099
Country of origin	PL

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

1417434

ID:1417434

Technical Data

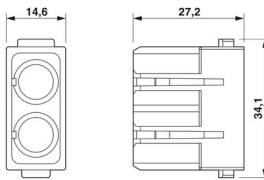
Notes

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
Number of positions	2
Connection profile	2
Application	Pneumatics
Number of module slots	1
Integrated valve	No
Series	HC-M-02-PN

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

Color	light grey
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)

Connector

Insertion/withdrawal cycles	≥ 500
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Environmental and real-life conditions

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

1417434

ID:1417434

Ambient conditions

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

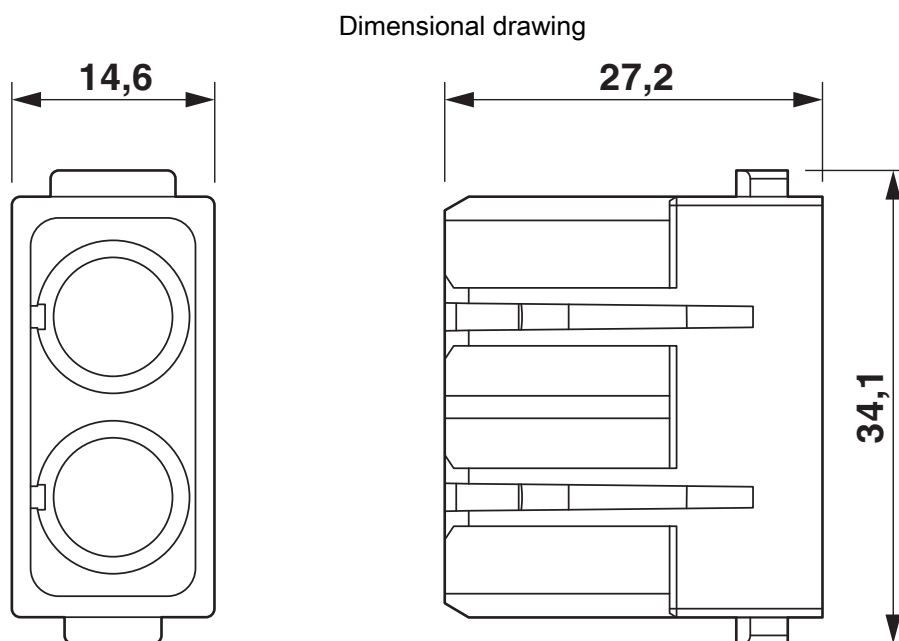
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
	- Snap the pneumatic contact and module together. Insert the contact into the module from the front - Place the modules assembled with the contacts in the module carrier frame. - The pneumatic 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.

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

1417434

ID:1417434

Drawings



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1417434

ID:1417434

Approvals



CSA
Approval ID: 13631



UL Recognized
Approval ID: E118976



EAC
Approval ID: RU C-DE.AI30.B.01102



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

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

1417434

ID:1417434

Classifications

ECLASS

ECLASS-9.0	27440220
ECLASS-10.0.1	27440220
ECLASS-11.0	27440220

ETIM

ETIM 8.0	EC000438
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UNSPSC

UNSPSC 21.0	39121400
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1417434
ID:1417434

Environmental Product Compliance

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

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1417434

ID:1417434

Accessories

Coding element

Coding element - HC-CBU-MOD - 1636130

ID:1636130



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

Coding element

Coding element - HC-CST-MOD - 1636127

ID:1636127



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

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

1417434

ID:1417434

Pneumatic contact

Pneumatic contact - HC-M-PN2-6,00-ST - 1676750

ID:1676750



Pneumatic pin, for HC-M-PN2 module, internal hose diameter of 6.0 mm

Pneumatic contact

Pneumatic contact - HC-M-PN2-6,00-BU - 1676763

ID:1676763



Pneumatic socket, for HC-M-PN2 module, internal hose diameter of 6.0 mm

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

1417434

ID:1417434

Pneumatic contact

Pneumatic contact - HC-M-PN2-6,00-BU-V - 1676776

ID:1676776

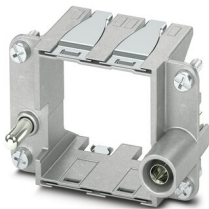


Pneumatic socket with valve, for HC-M-PN2 module, internal hose diameter of 6.0 mm

Module carrier frame

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

ID:1182085



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

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

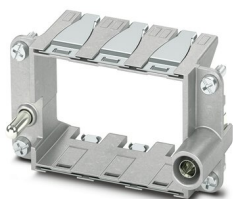
1417434

ID:1417434

Module carrier frame

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

ID: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

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

ID:1182090



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

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

1417434

ID:1417434

Module carrier frame

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

ID:1182094

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



Module carrier frame

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

ID:1182087

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



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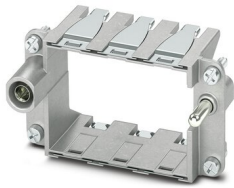
1417434

ID:1417434

Module carrier frame

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

ID:1182089

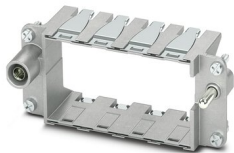


Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame

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

ID:1182093



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

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

1417434

ID:1417434

Module carrier frame

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

ID:1182095

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

