

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



1417434

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

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Technical Data

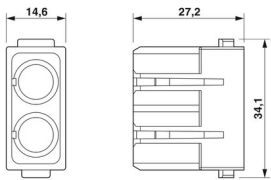
Notes

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

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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 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.

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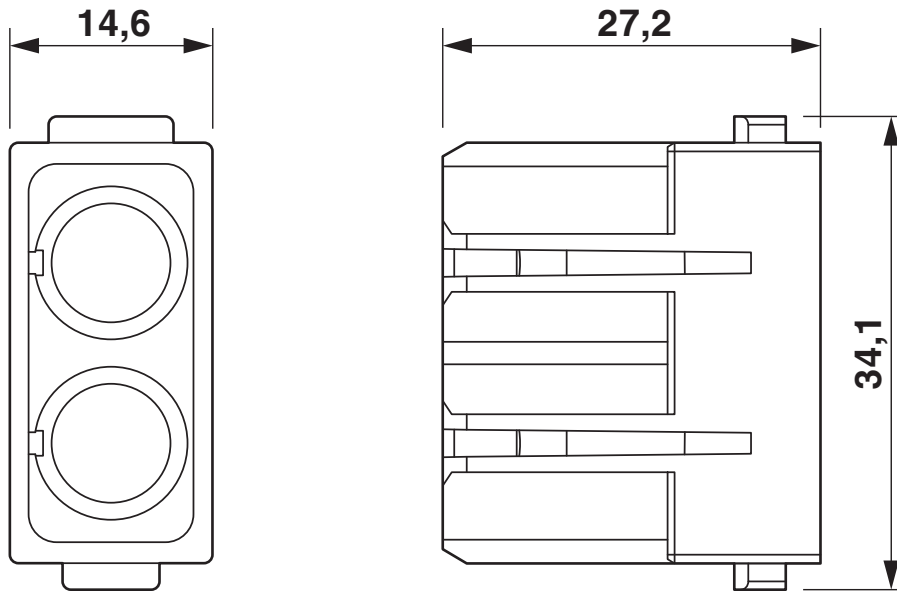


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Drawings

Dimensional drawing



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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

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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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Environmental Product Compliance

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

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Accessories

Coding element

Coding element - HC-CBU-MOD - 1636130

<https://www.phoenixcontact.com/us/products/1636130>

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



Coding element

Coding element - HC-CST-MOD - 1636127

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



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Pneumatic contact

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

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

<https://www.phoenixcontact.com/us/products/1676763>



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

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Pneumatic contact

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

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

<https://www.phoenixcontact.com/us/products/1182085>



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

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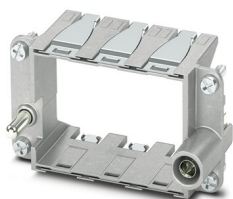
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Module carrier frame

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

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

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

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Module carrier frame

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

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

<https://www.phoenixcontact.com/us/products/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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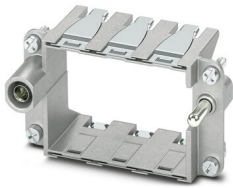
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Module carrier frame

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

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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

<https://www.phoenixcontact.com/us/products/1182093>



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

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Module carrier frame

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

<https://www.phoenixcontact.com/us/products/1182095>

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



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