

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



COMPLETE™

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 5 pc |
| GTIN |  4 055626 112947 |
| GTIN | 4055626112947 |
| Weight per Piece (excluding packing) | 8.000 g |
| Custom tariff number | 85389099 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 27.2 mm |
| Width | 34.1 mm |
| Length | 14.6 mm |

Electrical characteristics

| | |
|--------------------|---|
| Connection profile | 3 |
|--------------------|---|

Ambient conditions

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

Mechanical characteristics

| | |
|------------------|--------|
| Contact diameter | 5.2 mm |
|------------------|--------|

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Technical data

Mechanical characteristics

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

General

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|--|--|
| 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 |
|--------------------------|----|

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

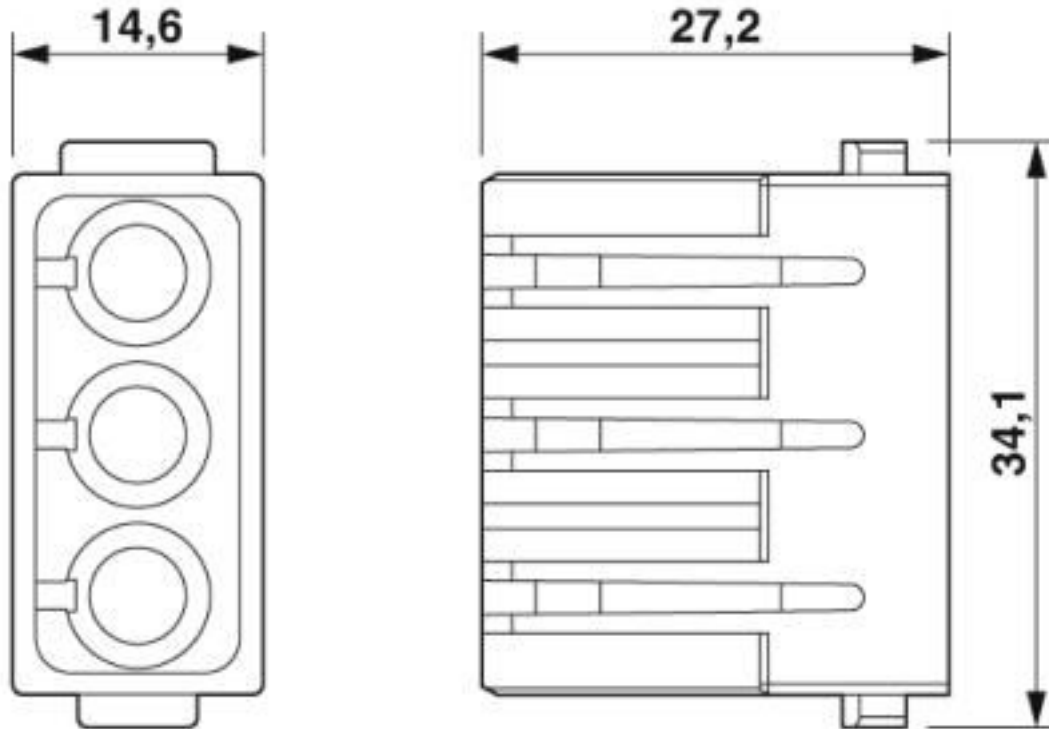
Environmental Product Compliance

| | |
|------------|---|
| 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

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|-------------|----------|
| UNSPSC 13.2 | 39121421 |
| UNSPSC 18.0 | 39121421 |
| UNSPSC 19.0 | 39121421 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 20.0 | 39121421 |
| UNSPSC 21.0 | 39121421 |

Approvals

Approvals


Approvals


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 |
|---------------|---|---|---------|

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|-----|---|--|--------------------------|
| EAC |  | | RU C- DE.AI30.B.01102 |
|-----|---|--|--------------------------|

| | | | |
|-----|---|--|--------------------------|
| EAC |  | | RU C- DE.BL08.B.00511 |
|-----|---|--|--------------------------|

Accessories

Accessories

Coding element

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Accessories

Coding element - HC-CBU-MOD - 1636130



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

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

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Accessories

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

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

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Accessories

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



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

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

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Accessories

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



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

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
