

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Contact insert module, Number of positions: 3, Socket/pin, Application: Pneumatics, for internal hose diameter of 1.6 / 3 / 4 mm

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 5 STK                                                                                                   |
| GTIN                                 | <br>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

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

#### Ambient conditions

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

## Technical data

### Ambient conditions

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

### Mechanical characteristics

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

### General

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color                                  | light gray                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Number of module slots                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Flammability rating according to UL 94 | V0                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Assembly instructions                  | Use of HC-CST-MOD (1636127) coding pins and HC-CBU-MOD (1636130) coding sockets has been prescribed. When connecting the hoses, the min. bending radii should be observed                                                                                                                                                                                                                                                                                             |
| Connection                             | <ul style="list-style-type: none"> <li>- Snap the pneumatic contact and module together. Insert the contact into the module from the front</li> <li>- Place the modules assembled with the contacts in the module carrier frame.</li> <li>- The pneumatic tubes are pushed onto the pneumatic contact from the back of the module.</li> </ul> <p>The medium-sized module slots and sleeves/coupling housing with straight cable outlet direction are recommended.</p> |

### Material data

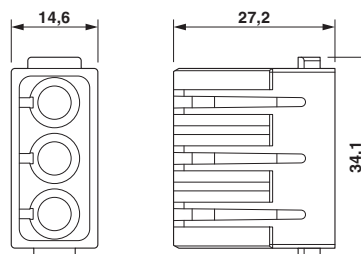
|                          |    |
|--------------------------|----|
| Contact carrier material | PC |
|--------------------------|----|

### Standards and Regulations

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

## Drawings

Dimensional drawing



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

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440220 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121421 |
|-------------|----------|

### Approvals

#### Approvals

#### Approvals

#### EAC

#### Ex Approvals

### Approval details

|     |                                                                                     |                     |
|-----|-------------------------------------------------------------------------------------|---------------------|
| EAC |  | 7500651.22.01.00246 |
|-----|-------------------------------------------------------------------------------------|---------------------|

### Accessories

#### Accessories

#### Coding element

Coding element - HC-CBU-MOD - 1636130



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

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

### 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-MF-B - 1417398



Module carrier frame, Size: B6, Type: for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

Module carrier frame - HC-M-B10-MF-B - 1417399



Module carrier frame, Size: B10, Type: for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

Module carrier frame - HC-M-B16-MF-B - 1417400



Module carrier frame, Size: B16, Type: for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

Module carrier frame - HC-M-B24-MF-B - 1417402



Module carrier frame, Size: B24, Type: for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

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

### Accessories

#### Module carrier frame - HC-M-B06-MF-H - 1417403



Module carrier frame, Size: B6, Type: for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

#### Module carrier frame - HC-M-B10-MF-H - 1417404



Module carrier frame, Size: B10, Type: for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

#### Module carrier frame - HC-M-B16-MF-H - 1417405



Module carrier frame, Size: B16, Type: for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

#### Module carrier frame - HC-M-B24-MF-H - 1417406



Module carrier frame, Size: B24, Type: for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, Application: Module carrier frame

---

### Pneumatic contact

#### Contact insert - HC-M-PN3-1,60-ST - 1663488



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

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

### Accessories

Contact insert - HC-M-PN3-3,00-ST - 1663491



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

---

Contact insert - HC-M-PN3-4,00-ST - 1663501



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

---

Contact insert - HC-M-PN3-1,60-BU - 1663514



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

---

Contact insert - HC-M-PN3-3,00-BU - 1663527



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

---

Contact insert - HC-M-PN3-4,00-BU - 1663530



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

---

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

### Accessories

Contact insert - HC-M-PN3-1,60-BU-V - 1663543



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

---

Contact insert - HC-M-PN3-3,00-BU-V - 1663556



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

---

Contact insert - HC-M-PN3-4,00-BU-V - 1663569



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

---

---