

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



1417434

<https://www.phoenixcontact.com/us/products/1417434>

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 documentation. Our general terms of use for downloads are valid.



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                         | 5 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF62          |
| Product key                          | AF7ACE        |
| GTIN                                 | 4055626112954 |
| Weight per piece (including packing) | 5.76 g        |
| Weight per piece (excluding packing) | 5.68 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | PL            |

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



1417434

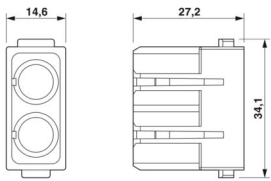
<https://www.phoenixcontact.com/us/products/1417434>

## Technical data

### Product properties

|                        |                           |
|------------------------|---------------------------|
| Product type           | Pneumatic insert, modular |
| Series                 | HC-M-02-PN                |
| Application            | Pneumatics                |
| Number of positions    | 2                         |
| Connection profile     | 2                         |
| Contact numbering      | 1 - 2                     |
| Number of module slots | 1                         |
| Integrated valve       | No                        |

### 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

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
| Contact carrier material               | PC |
| Standards/regulations                  | PC |

### Mechanical properties

#### Mechanical data

|                             |       |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 500 |
|-----------------------------|-------|

### Environmental and real-life conditions

#### Ambient conditions

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

### Standards and regulations

#### Testing

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



1417434

<https://www.phoenixcontact.com/us/products/1417434>

|                       |   |
|-----------------------|---|
| 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 note | <p>To ensure correct use, installation in housing with IP54 protection or better is required</p> <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> |
|---------------|--|

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

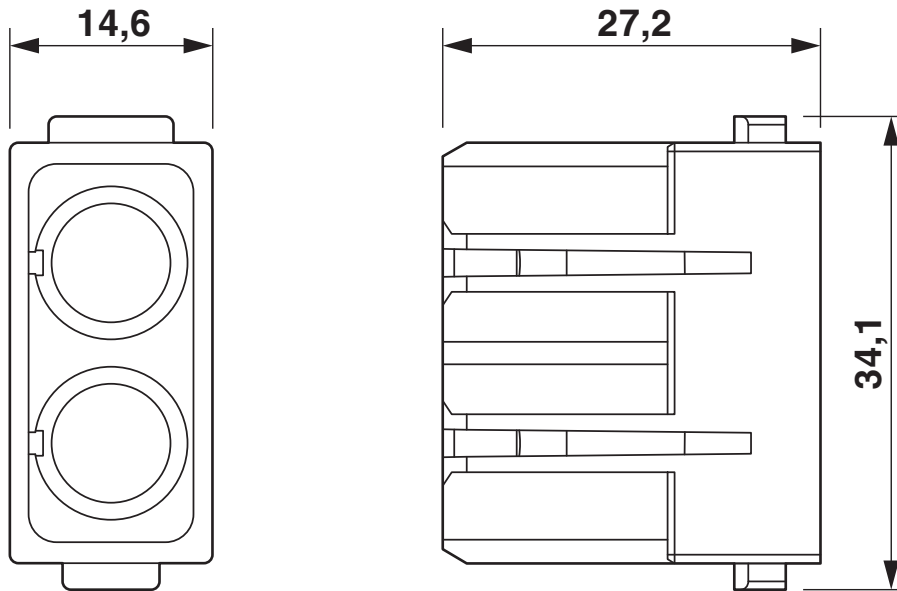


1417434

<https://www.phoenixcontact.com/us/products/1417434>

## Drawings

Dimensional drawing



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



1417434

<https://www.phoenixcontact.com/us/products/1417434>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1417434>



**CSA**

Approval ID: 158887



**UL Recognized**

Approval ID: E118976

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



1417434

<https://www.phoenixcontact.com/us/products/1417434>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440220 |
| ECLASS-15.0 | 27440220 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000438 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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



1417434

<https://www.phoenixcontact.com/us/products/1417434>

## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.031 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)