

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



1417433

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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1417433 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF62 |
| Product key | AF7ACE |
| GTIN | 4055626112947 |
| Weight per piece (including packing) | 5.9 g |
| Weight per piece (excluding packing) | 5.62 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

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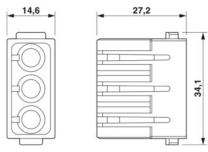
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Technical data

Product properties

| | |
|------------------------|---------------------------|
| Product type | Pneumatic insert, modular |
| Series | HC-M-03-PN |
| Application | Pneumatics |
| Number of positions | 3 |
| Connection profile | 3 |
| Contact numbering | 1 - 3 |
| Number of module slots | 1 |
| Integrated valve | No |

Dimensions

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

Mechanical characteristics

| | |
|---|--------|
| Internal diameter of pressure hose connection | 1.6 mm |
| | 3 mm |
| | 4 mm |
| Contact diameter | 5.2 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

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| | |
|-----------------------|---|
| 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">- 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. <p>The medium-sized module slots and sleeves/coupling housing with straight cable outlet direction are recommended.</p> |
|---------------|--|

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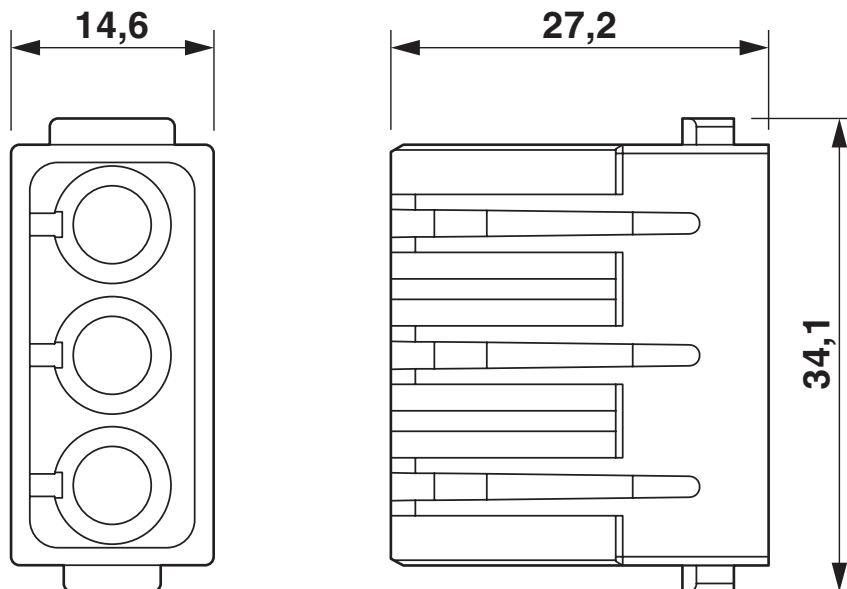


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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1417433>



CSA

Approval ID: 158887



UL Recognized

Approval ID: E118976

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Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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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 | 0.03 kg CO2e |
|---------|--------------|

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