# HC-M-RJ45-AD-PC-M - Contact insert module

1419885

https://www.phoenixcontact.com/us/products/1419885

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Contact insert module, adapter for patch cables, the matching patch cables can be found in the accessories list

## Commercial data

| | |
|---|---|
| Item number | 1419885 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF62 |
| Product key | AF7ACE |
| GTIN | 4055626253237 |
| Weight per piece (including packing) | 12.72 g |
| Weight per piece (excluding packing) | 12.72 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

## Technical data

### Notes

| | |
|---|---|
| General | Use the patch cable from the accessories list. |
| General | Connectors may be operated only when there is no load/voltage. |

### Mounting

| | |
|---|---|
| Assembly note | To ensure correct use, installation in housing with IP54 protection or better is required |
| | IMPORTANT: Patch cables with a protector over the locking mechanism must be pretreated for use in this module. The protector over the locking mechanism must be extensively removed using a diagonal cutter so that the patch cable can be inserted without a collision with the neighboring module. |

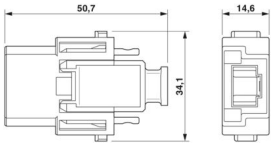
### Product properties

| | |
|---|---|
| Product type | Modular contact insert |
| Series | HC-M-RJ45 |
| Application | Data |
| Number of positions | 8 |
| Connection profile | RJ45 |
| Contact numbering | 1 - 8 |
| Number of module slots | 1 |

Insulation characteristics

| | |
|---|---|
| Overvoltage category | III |
| Degree of pollution | 3 |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 34.2 mm |
| Height | 50.7 mm |
| Length | 14.6 mm |

Mechanical characteristics

| | |
|---|---|
| Minimum housing height | 72 mm |

### Electrical properties

| | |
|---|---|
| Rated voltage (III/3) | 48 V |
| Rated surge voltage | 0.8 kV |
| Rated current | 1 A |
| Transmission characteristics (category) | CAT6 |

## Mechanical properties

Mechanical data

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

## Material specifications

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

## Environmental and real-life conditions

Ambient conditions

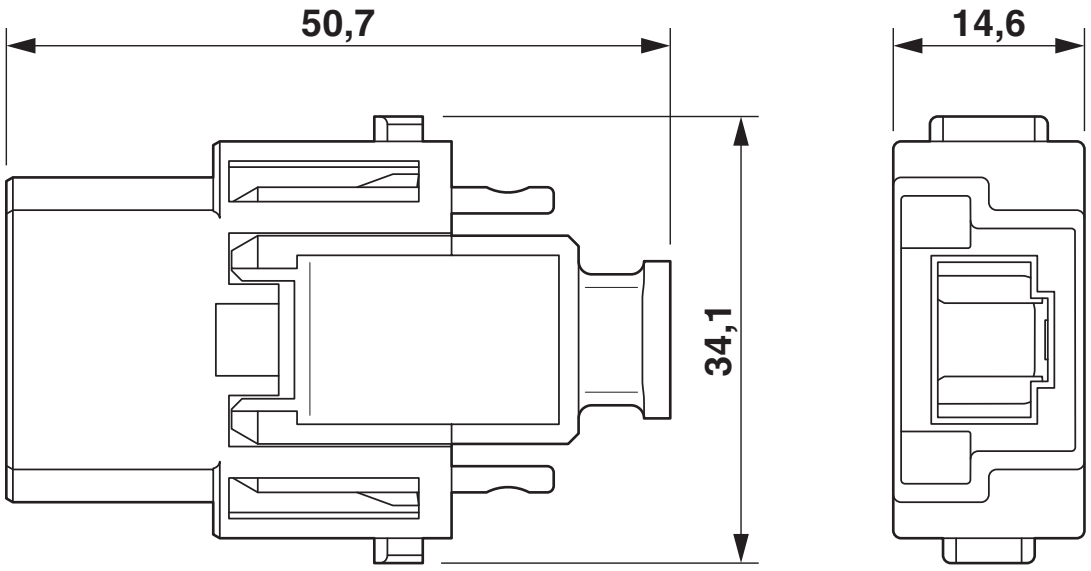
| | |
|---|---|
| Ambient temperature (operation) | -25 °C ... 60 °C |

## Standards and regulations

| | |
|---|---|
| Standards/regulations | PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |

## Drawings

Dimensional drawing




Male insert

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1419885

**DNV**
Approval ID: TAE000037S

**CSA**
Approval ID: 158887

**UL Recognized**
Approval ID: E118976

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440218 |
| ECLASS-15.0 | 27440207 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002943 |

### UNSPSC

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

## 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 | 0.07 kg CO2e |


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