

HC-M-RJ45-08-GC-F/F - Contact insert module



1419886

<https://www.phoenixcontact.com/us/products/1419886>

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Product photo

Contact insert module, number of positions: RJ45, type : RJ45, Socket, 48 V, 1 A, application: Data, Gender changer

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1419886 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF62 |
| Product key | AF7ACE |
| GTIN | 4055626253244 |
| Weight per piece (including packing) | 27.2 g |
| Weight per piece (excluding packing) | 9 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

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Technical data

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. |

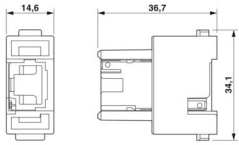
Product properties

| | |
|------------------------|------------------------|
| 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 | 36.7 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 _A (IEC 60512-27-100:2008, TIA-568-C.2:2009) |

Mechanical properties

Mechanical data

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

Material specifications

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

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 70 °C |
|---------------------------------|------------------|

Standards and regulations

Testing

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

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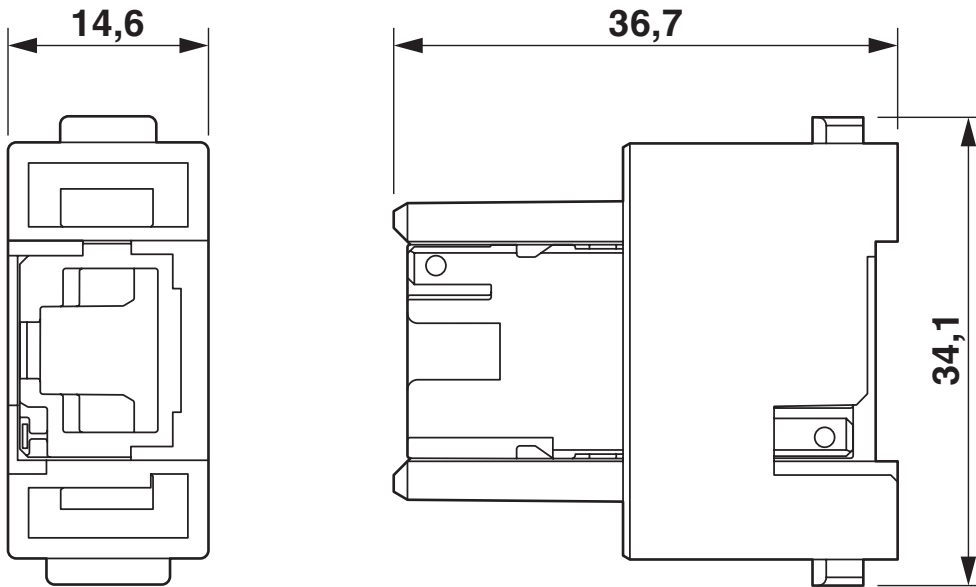


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Drawings

Dimensional drawing



Female insert

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419886>

DNV

Approval ID: TAE000037S



CSA

Approval ID: 158887



UL Recognized

Approval ID: E118976

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Classifications

ECLASS

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

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 | 1.328 kg CO2e |
|---------|---------------|

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