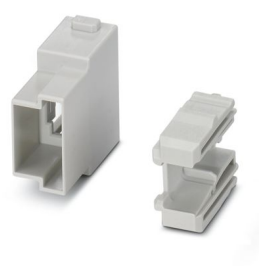


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Contact insert module, adapter for patch cables, the matching patch cables can be found in the accessories list

Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1419885             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Product key                          | BF7ACE              |
| Catalog page                         | Page 591 (C-2-2019) |
| GTIN                                 | 4055626253237       |
| Weight per piece (including packing) | 12.9 g              |
| Weight per piece (excluding packing) | 12.2 g              |
| Customs tariff number                | 85389099            |
| Country of origin                    | PL                  |

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



1419885

<https://www.phoenixcontact.com/pc/products/1419885>

## 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 instructions | To ensure correct use, installation in housing with IP54 protection or better is required |
|-----------------------|-------------------------------------------------------------------------------------------|

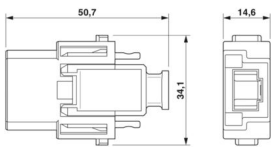
### Product properties

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

### 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

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



1419885

<https://www.phoenixcontact.com/pc/products/1419885>

## Mechanical data

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

## Material specifications

|                                        |                                                                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Flammability rating according to UL 94 | V0                                                                                                                      |
| Contact carrier material               | PC                                                                                                                      |
| Standards/regulations                  | PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |

## Environmental and real-life conditions

### Ambient conditions

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