

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



1419886

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

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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)	27.1 g
Weight per piece (excluding packing)	9 g
Customs tariff number	85366990
Country of origin	PL

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## 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  <b>IMPORTANT:</b> 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.
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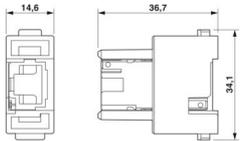
### Product properties

Product type	Modular contact insert
Series	HC-M-RJ45
Application	Data
Sensor type	Ethernet
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
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### Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	1 A

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Transmission characteristics (category)	CAT6 <sub>A</sub> (IEC 60512-27-100:2008, TIA-568-C.2:2009)
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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## 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
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## 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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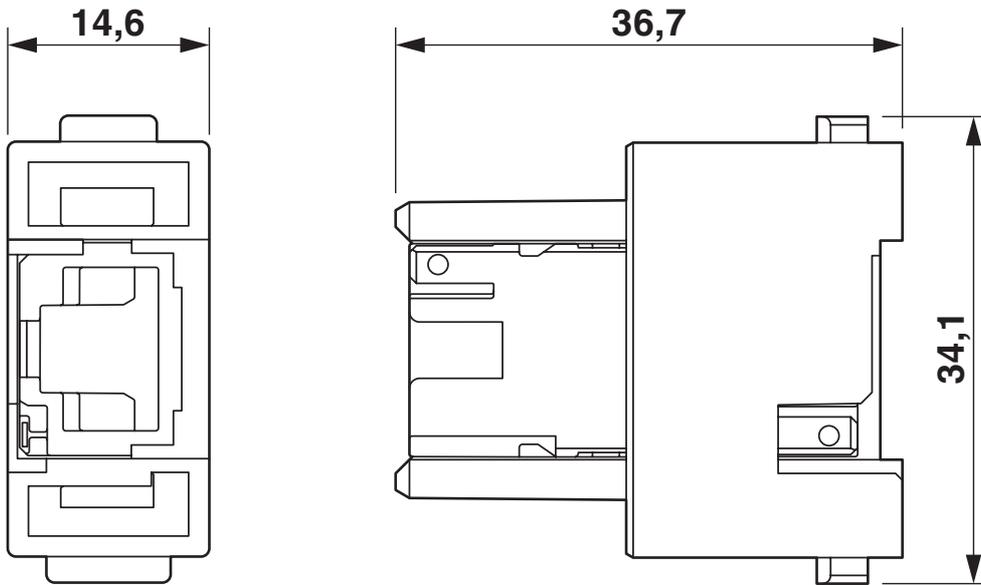


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## Drawings

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: 13631



**UL Recognized**

Approval ID: E118976

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## Classifications

### ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

### ETIM

ETIM 9.0	EC000438
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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### EF3.0 Climate Change

CO2e kg	1.328 kg CO2e
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