

# 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)	12.6 g
Weight per piece (excluding packing)	12.2 g
Customs tariff number	85389099
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  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.
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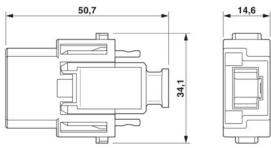
### Product properties

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	50.7 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
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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 carrier material	PC
Standards/regulations	PC

## Environmental and real-life conditions

### Ambient conditions

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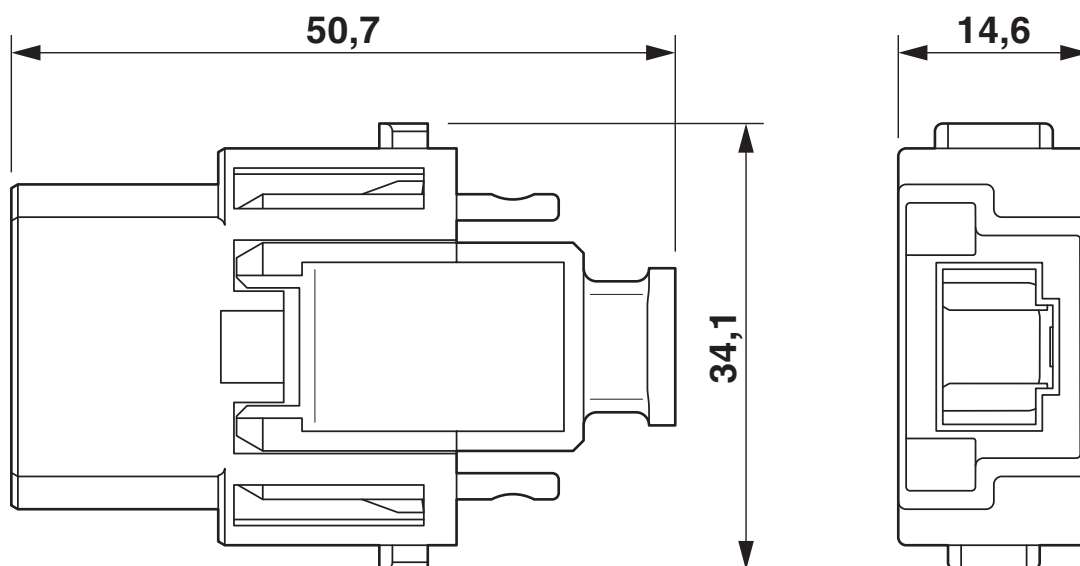


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## Drawings

Dimensional drawing



Male insert

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## 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

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## Classifications

### ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440207

### ETIM

ETIM 10.0	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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### EF3.1 Climate Change

CO2e kg	0.071 kg CO2e
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