

# HC-M-RJ45-08-M - Contact insert module



1419887

<https://www.phoenixcontact.com/us/products/1419887>

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Contact insert module, number of positions: RJ45, type : RJ45, Pin, 48 V, 1 A, application: Data, With RJ45 contact insert

## Commercial data

Item number	1419887
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACE
GTIN	4055626253251
Weight per piece (including packing)	14.4 g
Weight per piece (excluding packing)	13.4 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
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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

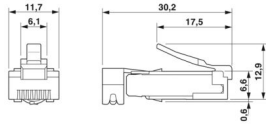
Overvoltage category	III
Degree of pollution	3

### Connection data

#### Conductor connection

Connection cross section AWG	24 ... 27 (flexible)
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### Dimensions

Dimensional drawing	
Width	34.2 mm
Height	41 mm
Length	14.6 mm

### Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	1 A
Nominal voltage $U_N$	50 V
Transmission characteristics (category)	CAT6 <sub>A</sub> (IEC 60512-27-100:2008, TIA-568-C.2:2009)

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Material specifications

Flammability rating according to UL 94	V0
Contact material	Phosphor bronze
Contact surface material	Au
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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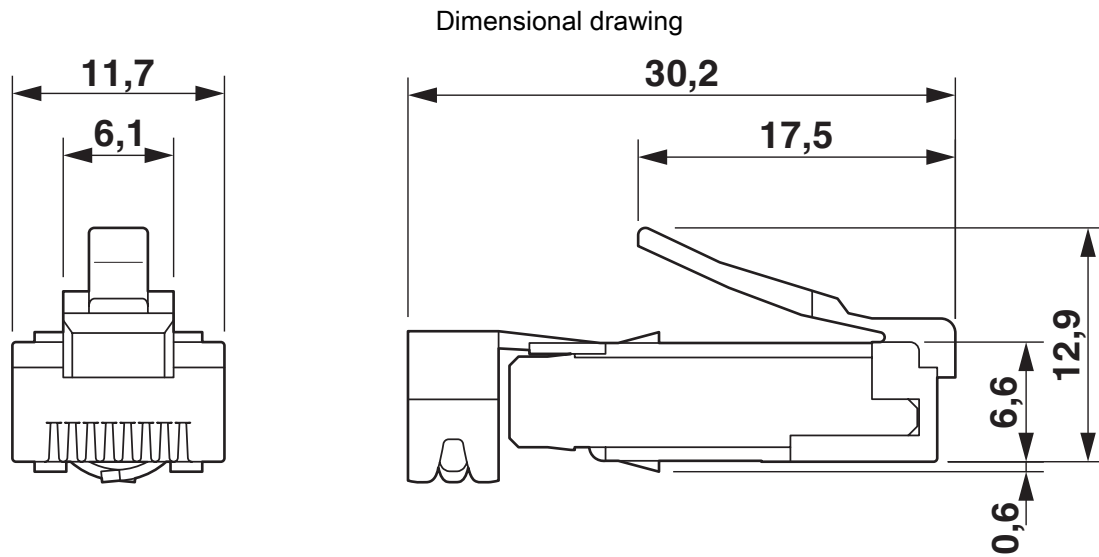
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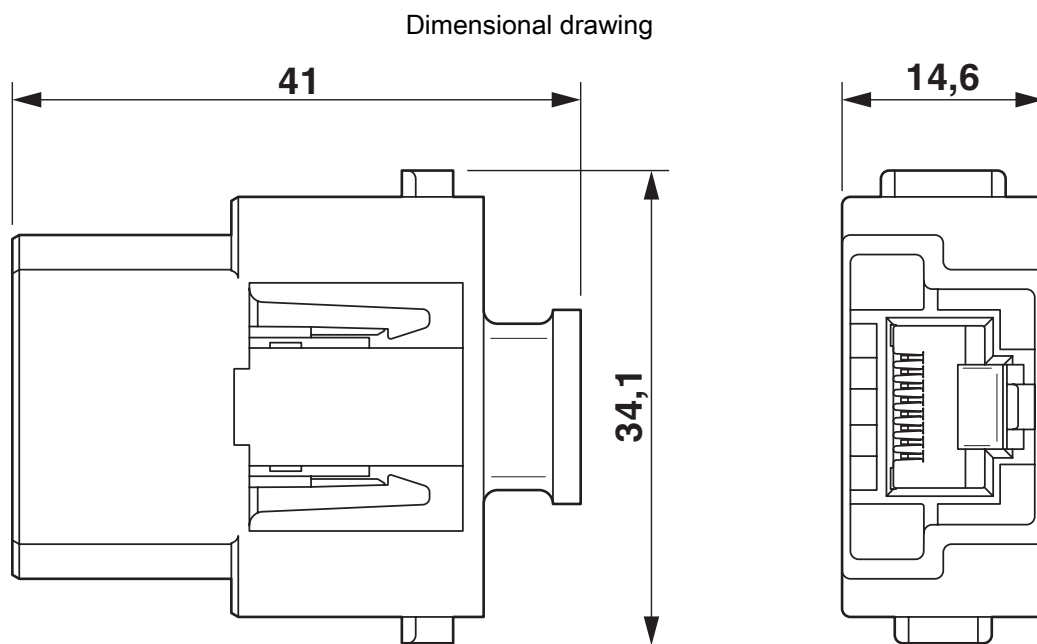
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## Drawings



RJ45 male insert



Contact insert module

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419887>

**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
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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	0.137 kg CO2e
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