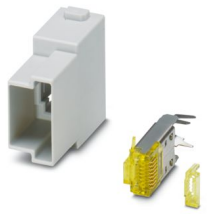
HC-M-RJ45-08-M - Contact insert module

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

Technical data

Notes

General	Scope of supply: contact insert module, RJ45 pin insert
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

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

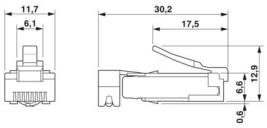
Overvoltage category	III
Degree of pollution	3

Connection data

Conductor connection

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

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)	$CAT6_A$ (IEC 60512-27-100:2008, TIA-568-C.2:2009)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

Material specifications

Flammability rating according to UL 94	V0
Contact material	Phosphor bronze
Contact surface material	Au
Contact carrier material	PC

Environmental and real-life conditions

Ambient conditions

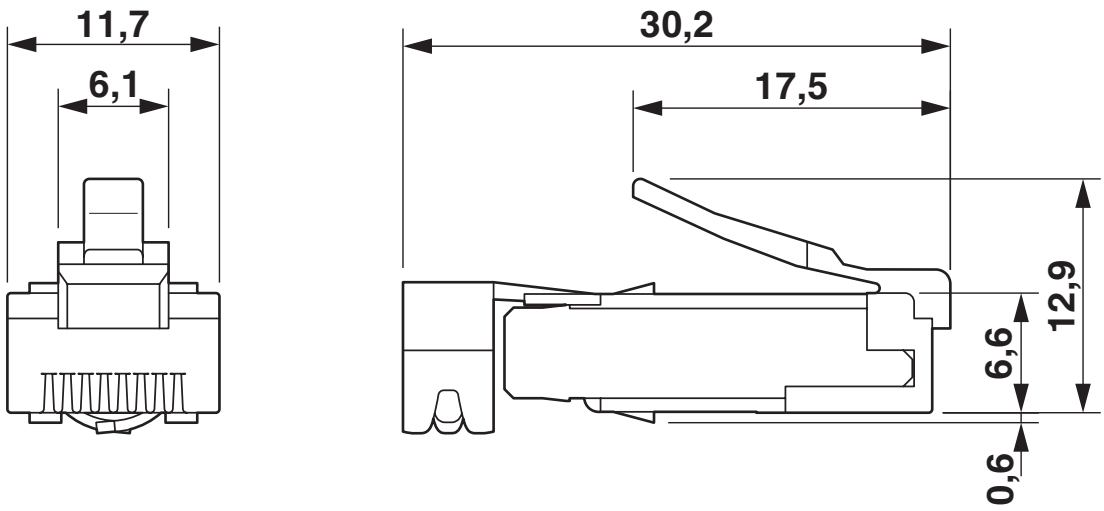
Ambient temperature (operation)	-25 °C ... 60 °C

Standards and regulations

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

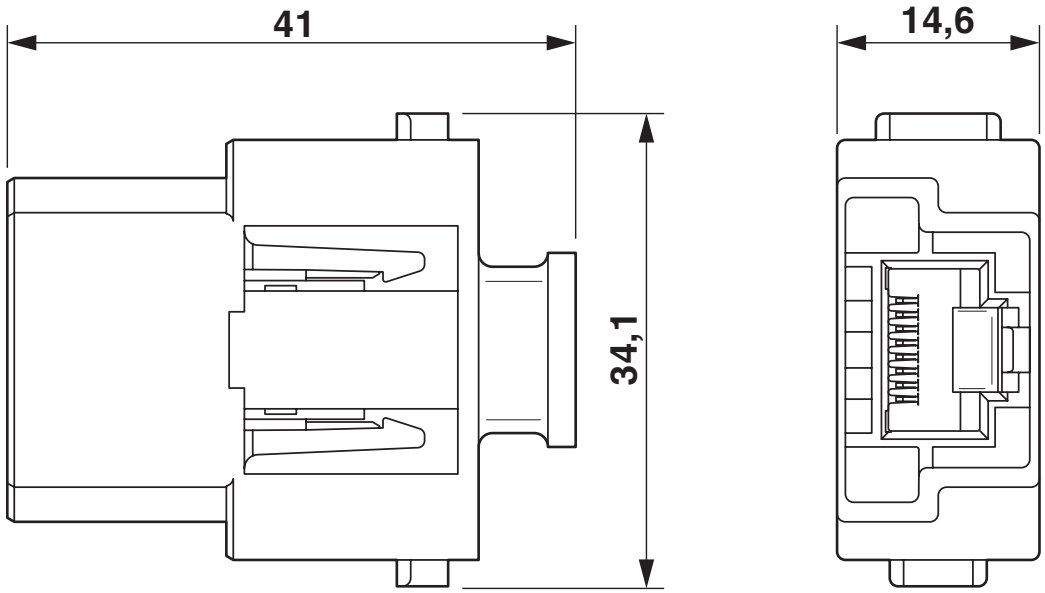
Drawings

Dimensional drawing



RJ45 male insert

Dimensional drawing



Contact insert module

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

Classifications

ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

ETIM

ETIM 10.0	EC000438

UNSPSC

UNSPSC 21.0	39121400

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	0.136 kg CO2e

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