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

1419886

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

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Product photo

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

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.

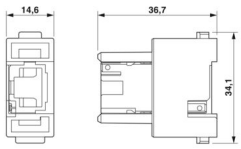
Product properties

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

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	36.7 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)	$CAT6_A$ (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	Copper alloy
Contact surface material	Au
Contact carrier material	PC

Environmental and real-life conditions

Ambient conditions

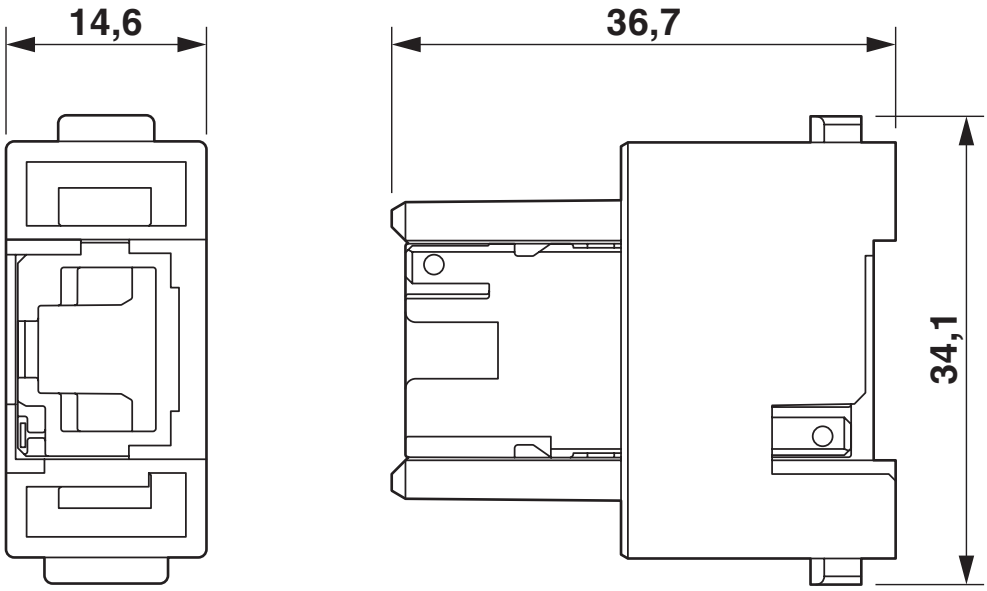
Ambient temperature (operation)	-40 °C ... 70 °C

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



Female insert

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1419886

DNV
Approval ID: TAE000037S

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%

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