HC-M-RJ45-AD-PC-M - Contact insert module

1419885

https://www.phoenixcontact.com/ae/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	AF7
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.

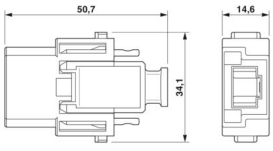
Product properties

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

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

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

Standards and regulations

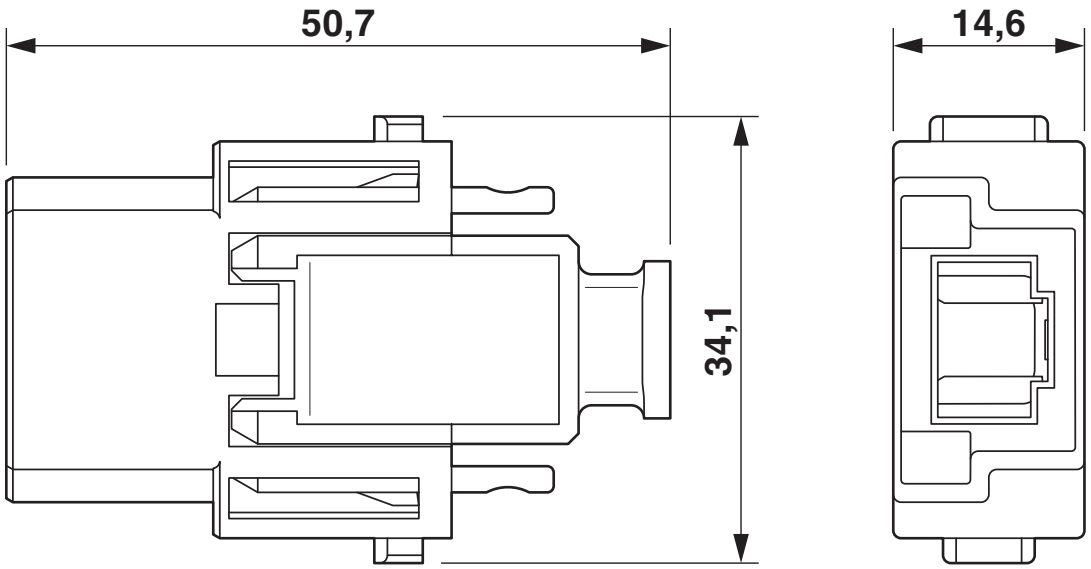
Testing

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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Drawings

Dimensional drawing



Male insert

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Approvals

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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

UNSPSC

UNSPSC 21.0	39121400

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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%

EF3.0 Climate Change

CO2e kg	0.071 kg CO2e

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