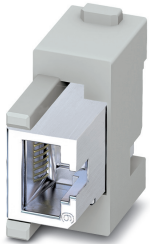


## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Contact insert module, number of positions: RJ45, type : RJ45, Socket, 48 V, 1 A, application: Data, Gender changer



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 2 5 3 2 4 4
GTIN	4055626253244
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Height	36.7 mm
Width	34.2 mm
Length	14.6 mm

#### Electrical characteristics

Rated voltage (III/3)	48 V
Rated current	1 A
Rated surge voltage	0.8 kV
Connection profile	RJ45
Transmission characteristics (category)	CAT6 <sub>A</sub> (IEC 60512-27-100:2008, TIA-568-C.2:2009)

#### Ambient conditions

# Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

## Technical data

### Ambient conditions

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

### Mechanical characteristics

Insertion/withdrawal cycles	≥ 500
Minimum housing height	72 mm

### General

Note	Use the patch cable from the accessories list. Connectors may be operated only when there is no load/voltage.
Type	RJ45
Series	HC-M-RJ45
Color	light gray
Number of module slots	1
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Contact carrier type	modular

### Material data

Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

### Standards and Regulations

Flammability rating according to UL 94	V0
--	----

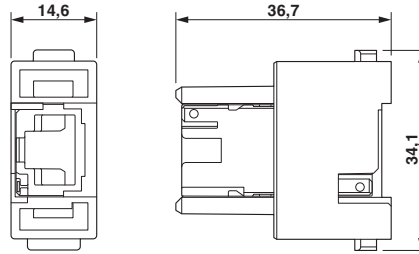
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

# Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

Dimensional drawing



Female insert

## Classifications

eCl@ss

eCl@ss 10.0.1	27440218
eCl@ss 11.0	27440218
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 9.0	27440218

ETIM

ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

## Approvals

Approvals

Approvals

CSA / UL Recognized / EAC / EAC / DNV GL

Ex Approvals

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Approvals

---

#### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E118976
EAC			RU C- DE.AI30.B.01102
EAC			RU C- DE.BL08.B.00511
DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE000037S

### Accessories

#### Accessories

##### Module carrier frame

##### Module carrier frame - HC-M-B06-MFH-B - 1182085



Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

#### Module carrier frame - HC-M-B10-MFH-B - 1182088



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

#### Module carrier frame - HC-M-B16-MFH-B - 1182090



Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

#### Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

#### Module carrier frame - HC-M-B06-MFH-H - 1182087



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

#### Module carrier frame - HC-M-B10-MFH-H - 1182089



Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

Module carrier frame - HC-M-B16-MFH-H - 1182093



Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

Module carrier frame - HC-M-B24-MFH-H - 1182095



Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

---

### Patch cable

Patch cable - FL CAT6 PATCH 0,3 - 2891181



Patch cable, CAT6, pre-assembled, 0.3 m

---

Patch cable - FL CAT6 PATCH 0,5 - 2891288



Patch cable, CAT6, pre-assembled, 0.5 m

---

Patch cable - FL CAT6 PATCH 1,0 - 2891385



Patch cable, CAT6, pre-assembled, 1.0 m

---

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

Patch cable - FL CAT6 PATCH 1,5 - 2891482



Patch cable, CAT6, pre-assembled, 1.5 m

---

Patch cable - FL CAT6 PATCH 2,0 - 2891589



Patch cable, CAT6, pre-assembled, 2.0 m

---

Patch cable - FL CAT6 PATCH 3,0 - 2891686



Patch cable, CAT6, pre-assembled, 3.0 m

---

Patch cable - FL CAT6 PATCH 5,0 - 2891783



Patch cable, CAT6, pre-assembled, 5.0 m

---

Patch cable - FL CAT6 PATCH 7,5 - 2891880



Patch cable, CAT6, pre-assembled, 7.5 m

---

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

Patch cable - FL CAT6 PATCH 10 - 2891877



Patch cable, CAT6, pre-assembled, 10 m

---

Patch cable - FL CAT6 PATCH 12,5 - 2891369



Patch cable, CAT6, pre-assembled, 12.5 m

---

Patch cable - FL CAT6 PATCH 15,0 - 2891372



Patch cable, CAT6, pre-assembled, 15.0 m

---

Patch cable - FL CAT6 PATCH 20,0 - 2891576



Patch cable, CAT6, pre-assembled, 20.0 m

---

Patch cable - FL CAT5 PATCH 0,3 - 2832250



Patch cable, CAT5, assembled, 0.3 m

---



## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

Patch cable - FL CAT5 PATCH 0,5 - 2832263



Patch cable, CAT5, assembled, 0.5 m

---

Patch cable - FL CAT5 PATCH 1,0 - 2832276



Patch cable, CAT5, assembled, 1 m

---

Patch cable - FL CAT5 PATCH 1,5 - 2832221



Patch cable, CAT5, assembled, 1.5 m

---

Patch cable - FL CAT5 PATCH 2,0 - 2832289



Patch cable, CAT5, assembled, 2 m

---

Patch cable - FL CAT5 PATCH 3,0 - 2832292



Patch cable, CAT5, assembled, 3 m

---

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

Patch cable - FL CAT5 PATCH 5,0 - 2832580



Patch cable, CAT5, assembled, 5 m

---

Patch cable - FL CAT5 PATCH 7,5 - 2832616



Patch cable, CAT5, assembled, 7.5 m

---

Patch cable - FL CAT5 PATCH 10,0 - 2832629



Patch cable, CAT5, assembled, 10 m

---

### Additional products

Contact insert module - HC-M-RJ45-AD-PC-M - 1419885



Contact insert module, number of positions: RJ45, type : RJ45, Pin, 48 V, 1 A, application: Data, with adapter for patch cables

---

Contact insert module - HC-M-RJ45-08-M - 1419887



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

---

## Contact insert module - HC-M-RJ45-08-GC-F/F - 1419886

### Accessories

Contact insert module - HC-M-RJI-AD-08-PC-M - 1419888



Contact insert module, number of positions: RJ45, type : RJ45, Pin, 48 V, 1 A, application: Data, with adapter for RJ industrial connector