

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

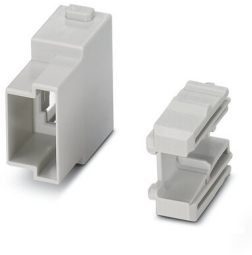


1419885

<https://www.phoenixcontact.com/pc/products/1419885>

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

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



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## Commercial Data

Item number	1419885
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	BF7ACE
Catalog Page	Page 591 (C-2-2019)
GTIN	4055626253237
Weight per Piece (including packing)	12.857 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.

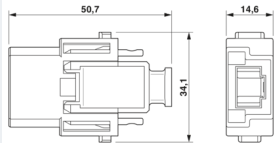
### Product properties

Product type	Modular contact insert
Number of positions	8
Connection profile	RJ45
Application	Data
Number of module slots	1
Type	RJ45
Series	HC-M-RJ45

### 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
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### Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	1 A

### Material specifications

Color	light grey
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC
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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## Connector

Insertion/withdrawal cycles

≥ 500

## Mounting

Assembly instructions

To ensure correct use, installation in housing with IP54 protection or better is required

## 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)

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

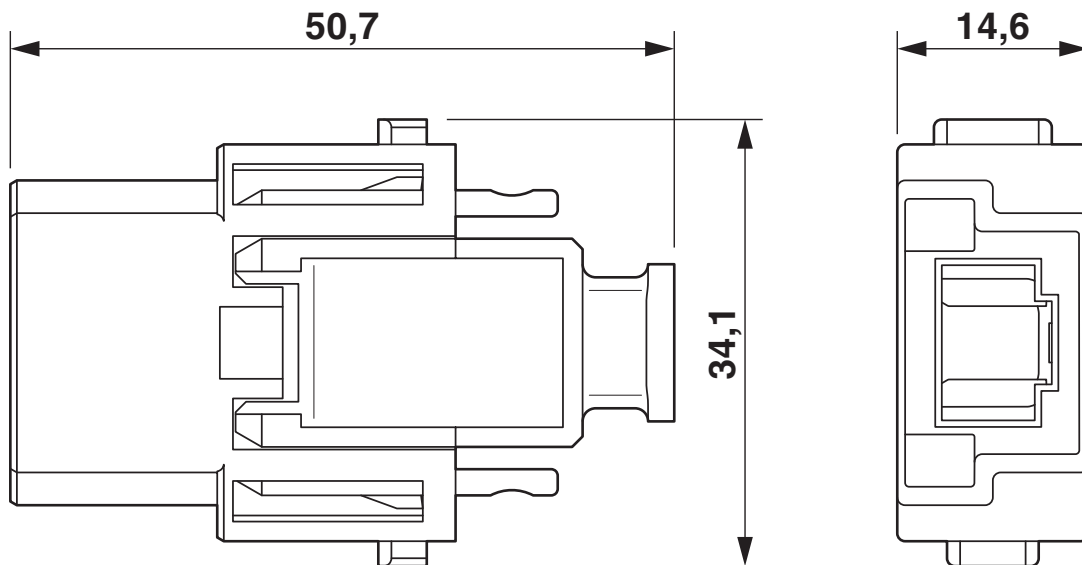
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## Drawings

Dimensional drawing



Male insert

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



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## Approvals

**DNV**

Approval ID: TAE000037S



**CSA**

Approval ID: 13631



**UL Recognized**

Approval ID: E118976



**EAC**

Approval ID: RU C-DE.AI30.B.01102



**EAC**

Approval ID: RU C-DE.BL08.B.00511

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## Classifications

### ECLASS

ECLASS-9.0	27440218
ECLASS-10.0.1	27440218
ECLASS-11.0	27440218

### ETIM

ETIM 8.0	EC000438
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

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



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

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## Accessories

### Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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

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### Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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

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

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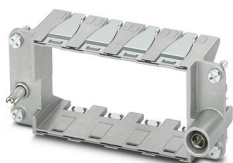
<https://www.phoenixcontact.com/pc/products/1419885>

## Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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



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## Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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



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## Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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

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## Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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-AD-PC-M

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## Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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



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## Module carrier frame

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

<https://www.phoenixcontact.com/pc/products/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



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## Patch cable

Patch cable - FL CAT5 PATCH 0,24 - 2700301

<https://www.phoenixcontact.com/pc/products/2700301>



Patch cable, CAT5, assembled, 0.24 m

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## Patch cable

Patch cable - FL CAT5 PATCH 0,3 - 2832250

<https://www.phoenixcontact.com/pc/products/2832250>



Patch cable, CAT5, assembled, 0.3 m

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## Patch cable

Patch cable - FL CAT5 PATCH 0,5 - 2832263

<https://www.phoenixcontact.com/pc/products/2832263>

Patch cable, CAT5, assembled, 0.5 m



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## Patch cable

Patch cable - FL CAT5 PATCH 1,0 - 2832276

<https://www.phoenixcontact.com/pc/products/2832276>

Patch cable, CAT5, assembled, 1 m



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## Patch cable

Patch cable - FL CAT5 PATCH 1,5 - 2832221

<https://www.phoenixcontact.com/pc/products/2832221>



Patch cable, CAT5, assembled, 1.5 m

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## Patch cable

Patch cable - FL CAT5 PATCH 2,0 - 2832289

<https://www.phoenixcontact.com/pc/products/2832289>



Patch cable, CAT5, assembled, 2 m

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

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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT5 PATCH 3,0 - 2832292

<https://www.phoenixcontact.com/pc/products/2832292>



Patch cable, CAT5, assembled, 3 m

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## Patch cable

Patch cable - FL CAT5 PATCH 5,0 - 2832580

<https://www.phoenixcontact.com/pc/products/2832580>



Patch cable, CAT5, assembled, 5 m



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

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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT5 PATCH 7,5 - 2832616

<https://www.phoenixcontact.com/pc/products/2832616>



Patch cable, CAT5, assembled, 7.5 m

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## Patch cable

Patch cable - FL CAT5 PATCH 10,0 - 2832629

<https://www.phoenixcontact.com/pc/products/2832629>



Patch cable, CAT5, assembled, 10 m

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

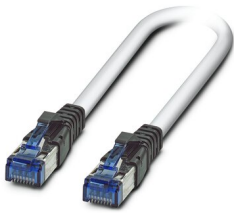
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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT6 PATCH 0,3 - 2891181

<https://www.phoenixcontact.com/pc/products/2891181>



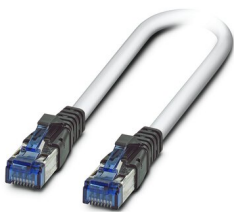
Patch cable, CAT6, pre-assembled, 0.3 m

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## Patch cable

Patch cable - FL CAT6 PATCH 0,5 - 2891288

<https://www.phoenixcontact.com/pc/products/2891288>



Patch cable, CAT6, pre-assembled, 0.5 m

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

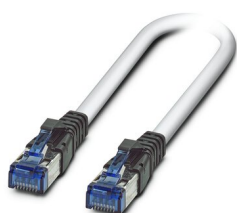
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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT6 PATCH 1,0 - 2891385

<https://www.phoenixcontact.com/pc/products/2891385>



Patch cable, CAT6, pre-assembled, 1.0 m

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## Patch cable

Patch cable - FL CAT6 PATCH 1,5 - 2891482

<https://www.phoenixcontact.com/pc/products/2891482>



Patch cable, CAT6, pre-assembled, 1.5 m

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



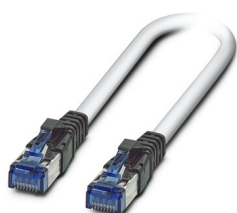
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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT6 PATCH 2,0 - 2891589

<https://www.phoenixcontact.com/pc/products/2891589>



Patch cable, CAT6, pre-assembled, 2.0 m

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## Patch cable

Patch cable - FL CAT6 PATCH 3,0 - 2891686

<https://www.phoenixcontact.com/pc/products/2891686>



Patch cable, CAT6, pre-assembled, 3.0 m

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

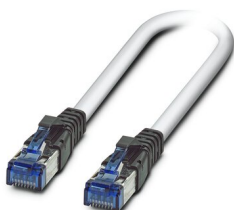
1419885

<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT6 PATCH 5,0 - 2891783

<https://www.phoenixcontact.com/pc/products/2891783>



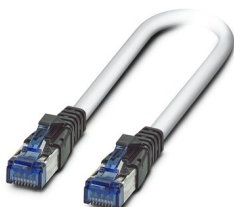
Patch cable, CAT6, pre-assembled, 5.0 m

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## Patch cable

Patch cable - FL CAT6 PATCH 7,5 - 2891880

<https://www.phoenixcontact.com/pc/products/2891880>



Patch cable, CAT6, pre-assembled, 7.5 m

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

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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT6 PATCH 10 - 2891877

<https://www.phoenixcontact.com/pc/products/2891877>



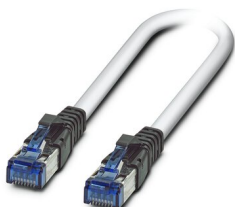
Patch cable, CAT6, pre-assembled, 10 m

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## Patch cable

Patch cable - FL CAT6 PATCH 12,5 - 2891369

<https://www.phoenixcontact.com/pc/products/2891369>



Patch cable, CAT6, pre-assembled, 12.5 m

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

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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - FL CAT6 PATCH 15,0 - 2891372

<https://www.phoenixcontact.com/pc/products/2891372>

Patch cable, CAT6, pre-assembled, 15.0 m



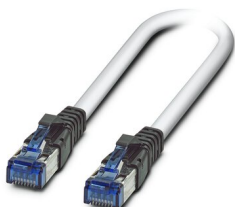
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## Patch cable

Patch cable - FL CAT6 PATCH 20,0 - 2891576

<https://www.phoenixcontact.com/pc/products/2891576>

Patch cable, CAT6, pre-assembled, 20.0 m



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

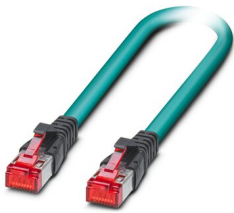
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<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - NBC-R4AC1/0,3-94G/R4AC1-BU - 1413158

<https://www.phoenixcontact.com/pc/products/1413158>



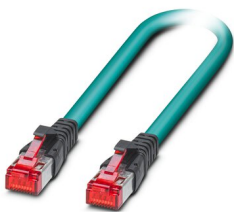
Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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## Patch cable

Patch cable - NBC-R4AC1/0,5-94G/R4AC1-BU - 1413159

<https://www.phoenixcontact.com/pc/products/1413159>



Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet



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



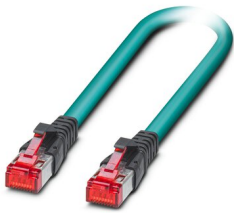
1419885

<https://www.phoenixcontact.com/pc/products/1419885>

## Patch cable

Patch cable - NBC-R4AC1/1,0-94G/R4AC1-BU - 1413160

<https://www.phoenixcontact.com/pc/products/1413160>



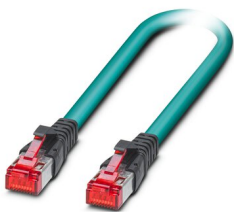
Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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## Patch cable

Patch cable - NBC-R4AC1/2,0-94G/R4AC1-BU - 1413161

<https://www.phoenixcontact.com/pc/products/1413161>



Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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



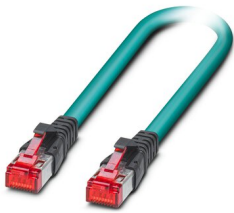
1419885

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## Patch cable

Patch cable - NBC-R4AC1/3,0-94G/R4AC1-BU - 1413162

<https://www.phoenixcontact.com/pc/products/1413162>



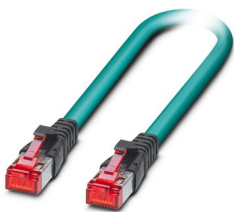
Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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## Patch cable

Patch cable - NBC-R4AC1/5,0-94G/R4AC1-BU - 1413163

<https://www.phoenixcontact.com/pc/products/1413163>



Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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

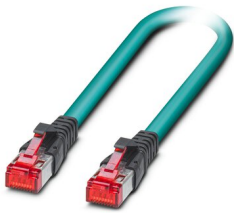
1419885

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## Patch cable

Patch cable - NBC-R4AC1/10,0-94G/R4AC1-BU - 1413164

<https://www.phoenixcontact.com/pc/products/1413164>



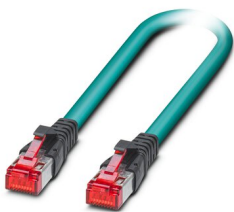
Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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## Patch cable

Patch cable - NBC-R4AC1/15,0-94G/R4AC1-BU - 1413165

<https://www.phoenixcontact.com/pc/products/1413165>



Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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

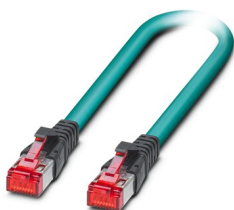
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## Patch cable

Patch cable - NBC-R4AC1/20,0-94G/R4AC1-BU - 1413166

<https://www.phoenixcontact.com/pc/products/1413166>



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Ethernet

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## Coding element

Coding element - HC-CBU-MOD - 1636130

<https://www.phoenixcontact.com/pc/products/1636130>



Coding socket for coding up to 16 connectors, for HC Modular

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



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## Coding element

Coding element - HC-CST-MOD - 1636127

<https://www.phoenixcontact.com/pc/products/1636127>



Coding peg for coding up to 16 connectors, for HC Modular

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## Contact insert module

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

<https://www.phoenixcontact.com/pc/products/1419886>



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

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)