

# HC-M-17-CT-F - Contact insert module



1414357

<https://www.phoenixcontact.com/in/products/1414357>

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Contact insert module, number of positions: 17, power contacts: 0, control contacts: 17, Socket, Crimp connection, 63 V, 10 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Signal

## Commercial Data

Item number	1414357
Packing unit	5 pc
Minimum order quantity	5 pc
Sales Key	BF7
Product Key	BF7ACE
Catalog Page	Page 581 (C-2-2019)
GTIN	4055626025001
Weight per Piece (including packing)	10.26 g
Weight per Piece (excluding packing)	10.26 g
Customs tariff number	85389099
Country of origin	PL

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## Technical Data

### Notes

General	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required, CK1,6-ED... crimp contacts, crimp contacts not supplied as standard.
General	Connectors may be operated only when there is no load/voltage.

### Mounting

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
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### Product properties

Product type	Modular contact insert
Number of positions	17
Connection profile	17
Contact numbering	1 - 17
Application	Signal
Number of module slots	1
No. of power contacts	0
No. of control contacts	17
Contact type	turned rolled
Series	HC-M-17

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Connection data

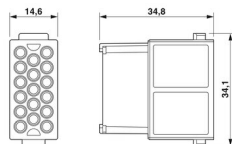
#### Connection technology

Connection technology	Crimp connection
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#### Conductor connection

Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm (6 mm with 2.5 mm <sup>2</sup> )

### Dimensions

Dimensional drawing	
Width	34.2 mm

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Height	34 mm
Length	14.6 mm

## Mechanical characteristics

Minimum housing height	52 mm
Contact diameter	1.6 mm

## Electrical properties

Min. AWG, flexible, multi-strand	26
Rated voltage (III/2) contacts	160 V
Rated voltage (III/3)	63 V
Rated surge voltage	2.5 kV
Rated current	10 A

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Material specifications

Color	light grey
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively 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)

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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## 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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