

# HC-M-DSUB 09-CT-F - Contact insert module



1417308

<https://www.phoenixcontact.com/us/products/1417308>

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Contact insert module, number of positions: 9, type : D-SUB 9, Socket, Crimp connection, 48 V, 1 A, 0.08 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, application: Data, without crimp contacts

## Commercial data

Item number	1417308
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	BF7ACE
Catalog page	Page 587 (C-2-2019)
GTIN	4055626112503
Weight per piece (including packing)	36 g
Weight per piece (excluding packing)	32 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

### Notes

General	For HEAVYCON housing types B6 to B48, HC-M-B... snap-in frames and CUC-DSC-J1BAU-S/DSC.. crimp contacts in accordance with DIN 41652 are required. Crimp contacts are not supplied as standard.
General	Connectors may be operated only when there is no load/voltage.
General	The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.

### 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	9
Connection profile	9
Contact numbering	1 - 9
Application	Data
Number of module slots	1
Type	D-SUB 9
Contact material type	turned
Series	HC-M-DSUB-C

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Connection data

#### Connection technology

Connection technology	Crimp connection
Clamping range of the strain relief clip	4.00 mm ... 7.00 mm

#### Conductor connection

Conductor cross section	0.08 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Connection cross section AWG	28 ... 20
Stripping length of the individual wire	4.2 mm

### Dimensions

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Dimensional drawing	
Width	34.2 mm
Height	35.2 mm
Length	14.6 mm
Clamping range of the strain relief clip	4.00 mm ... 7.00 mm

## Mechanical characteristics

Minimum housing height	52 mm
Contact diameter	1 mm

## Electrical properties

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

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Material specifications

Material Line conductor	Zinc alloy
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 set R22 acc. to DIN EN 45545-2 (Risk level HL1 - HL2) PC: Fire protection in rail vehicles - requirement set R23 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 set R22 acc. to DIN EN 45545-2 (Risk level HL1 - HL2) PC: Fire protection in rail vehicles - requirement set R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
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## Classifications

### ECLASS

ECLASS-11.0	27440218
ECLASS-12.0	27440218
ECLASS-13.0	27440218

### ETIM

ETIM 9.0	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

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