

# Contact insert module - HC-M-DSUB 09-CT-M - 1417309

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Contact insert module, number of positions: 9, type : D-SUB 9, Pin, Crimp connection, 50 V, 1 A, 0.08 mm² ... 0.5 mm², application: Data, without crimp contacts



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626112510

## Technical data

### Dimensions

Height	35.2 mm
Width	34.2 mm
Length	14.6 mm

### Electrical characteristics

Rated voltage (III/3)	50 V
Rated current	1 A
Rated surge voltage	0.8 kV
Connection profile	9

### Ambient conditions

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

Conductor cross section	0.08 mm² ... 0.5 mm²
Connection cross section AWG	28 ... 20
Stripping length of the individual wire	4.2 mm
Contact diameter	1 mm
Insertion/withdrawal cycles	≥ 500

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## Technical data

### Mechanical characteristics

Minimum housing height	52 mm
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### General

	Connectors may be operated only when there is no load/voltage.
	The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.
Type	D-SUB 9
Series	HC-M-DSUB-C
Color	light gray
Number of module slots	1
Connection method	Crimp connection
Contact type	turned
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
Connection	Pin 8 = B Pin 3 = A

### Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Phase conductor material	Zinc alloy

### Standards and Regulations

Flammability rating according to UL 94	V0
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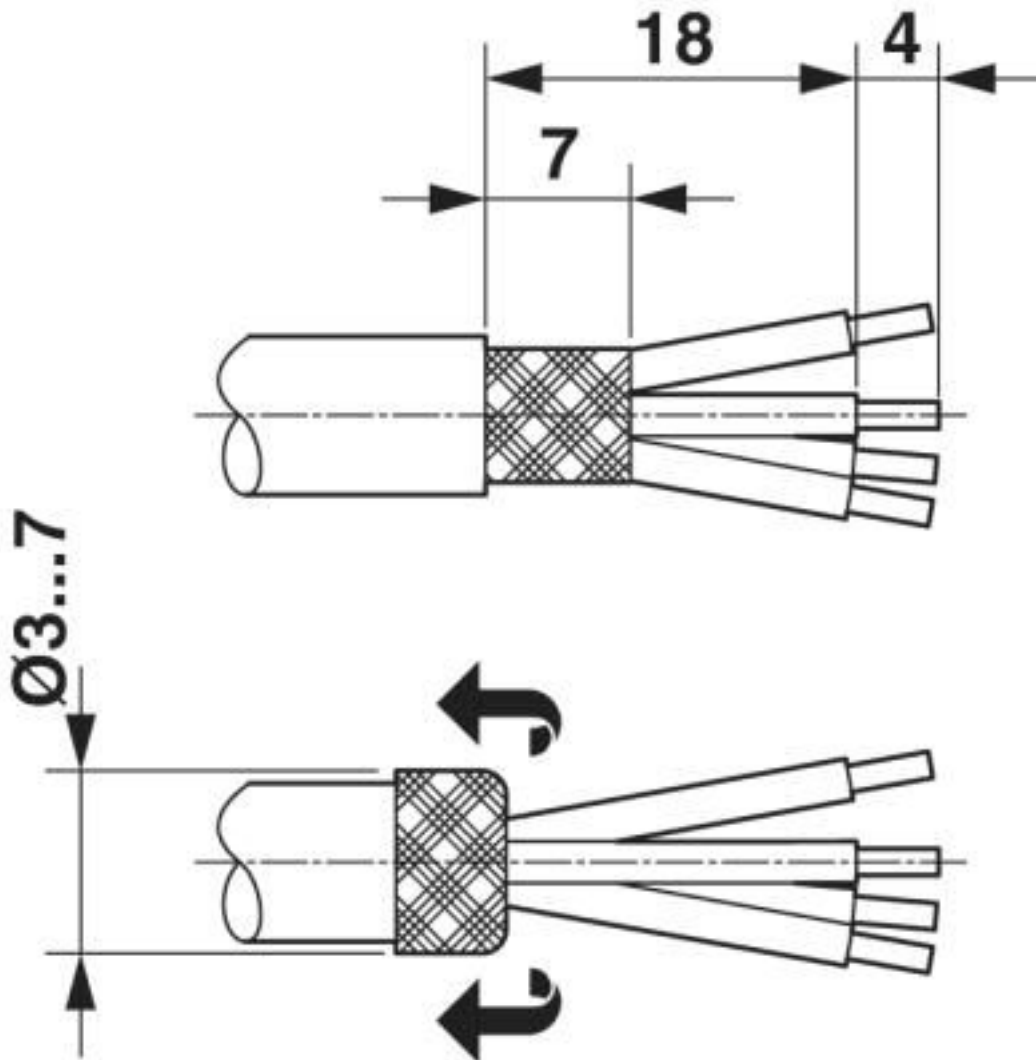
### Environmental Product Compliance

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

## Drawings

# Contact insert module - HC-M-DSUB 09-CT-M - 1417309

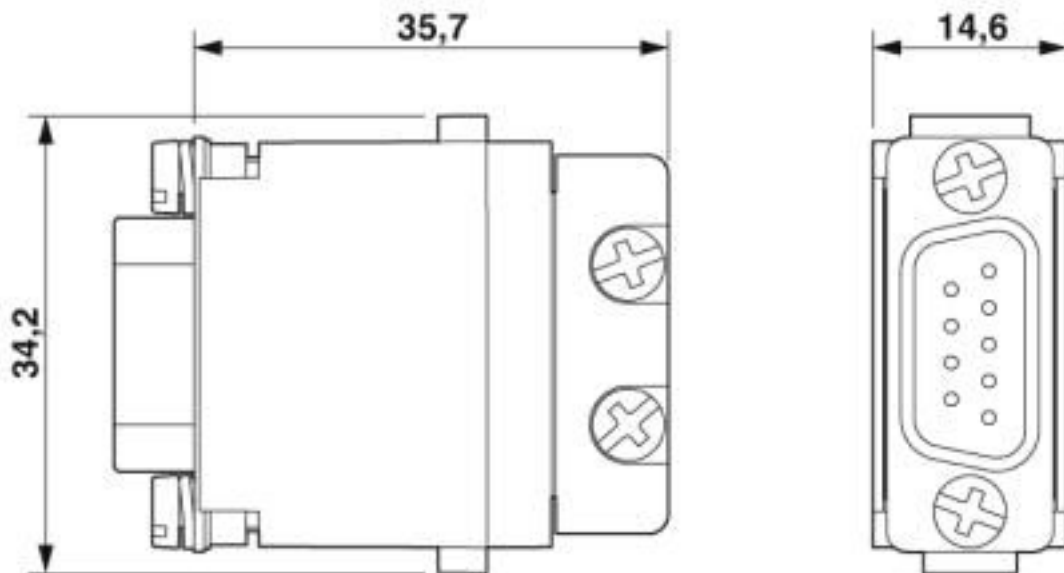
Dimensional drawing



Stripping length specifications; pin assignment. Cable to be used: Order No. 14164457

# Contact insert module - HC-M-DSUB 09-CT-M - 1417309

Dimensional drawing



Male insert

## Classifications

eCl@ss

eCl@ss 10.0.1	27440218
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440218

ETIM

ETIM 5.0	EC000438
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

# Contact insert module - HC-M-DSUB 09-CT-M - 1417309

## Approvals

Approvals

EAC / EAC

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Ex Approvals

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## Approval details

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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## Accessories

Accessories

Coding element

Coding element - HC-CBU-MOD - 1636130



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

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Coding element - HC-CST-MOD - 1636127



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

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Crimp contact

D-SUB crimp contact - CUC-DSC-C1BAU-S/DSC24 - 1418786



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 24- 20

## Contact insert module - HC-M-DSUB 09-CT-M - 1417309

### Accessories

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D-SUB crimp contact - CUC-DSC-C1BAU-S/DSC28 - 1418784



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 28- 26

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### Crimping tool

Crimping pliers - CRIMPFOX-TC MP - 1212510



Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm<sup>2</sup>, digital display with 0.01 mm increments, pressure lock can be unlocked, including positioning tool

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### 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

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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

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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

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## Contact insert module - HC-M-DSUB 09-CT-M - 1417309

### Accessories

#### 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

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#### 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

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#### 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

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#### 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

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#### 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

## Contact insert module - HC-M-DSUB 09-CT-M - 1417309

### Accessories

Tool - VS-IET-DSUB-SIGNAL-STD - 1658794



Insertion/extraction tool, to insert and extract the D-SUB standard signal contacts

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### Additional products

Contact insert module - HC-M-DSUB 09-CT-F - 1417308



Contact insert module, number of positions: 9, type : D-SUB 9, Socket, Crimp connection, 50 V, 1 A, 0.08 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, application: Data, without crimp contacts

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