

# HC-M-DSUB 09-MOD-ST - Contact insert module



1647530

<https://www.phoenixcontact.com/us/products/1647530>

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HEAVYCON male contact insert module, D-SUB 9, crimp connection

## Commercial data

Item number	1647530
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF62
Product key	AF7ACB
GTIN	4017918948771
Weight per piece (including packing)	29.15 g
Weight per piece (excluding packing)	29.15 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Mounting

Assembly note	Housing height $\geq$ 52 mm. Plug-in connections may only be operated only when there is no load/voltage. Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.
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### Product properties

Product type	Modular contact insert
Series	HC-M-DSUB
Application	Data
Number of positions	9
Connection profile	9
Contact numbering	1 - 9
Number of module slots	1
Contact material type	turned

### 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	0.08 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

Dimensional drawing	
Width	34.2 mm
Height	35.2 mm
Length	14.6 mm

### Mechanical characteristics

Minimum housing height	52 mm
Contact diameter	1 mm

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## Electrical properties

Rated voltage (III/3)	50 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

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

## Environmental and real-life conditions

### Ambient conditions

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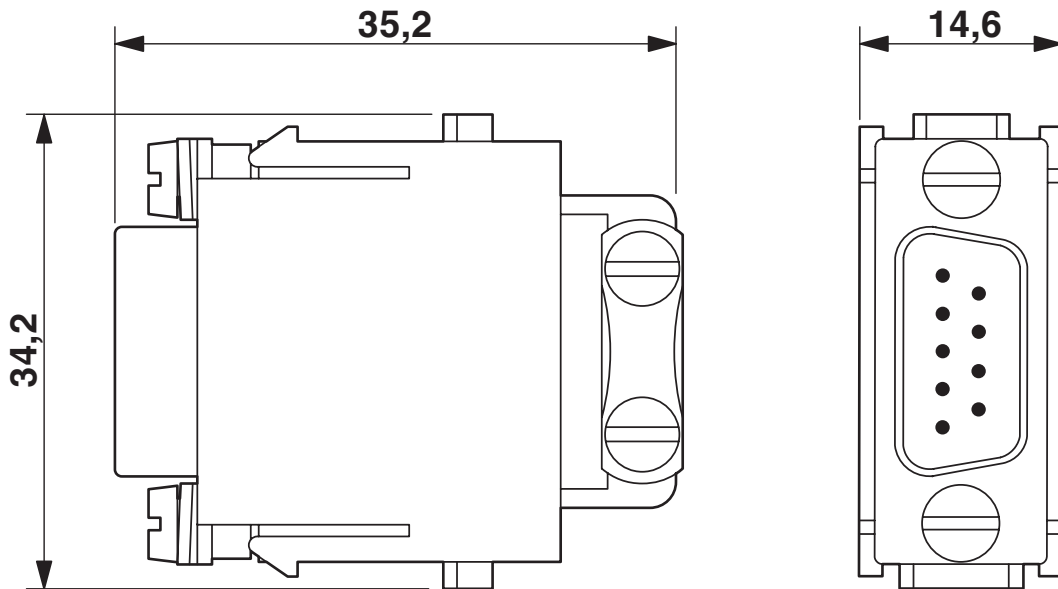


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## Drawings

Dimensional drawing



Male insert

Dimensional drawing



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

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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