

# Contact insert module - HC-M-08-GBIT-CT-M - 1417302

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Contact insert module, number of positions: 8, Pin, Crimp connection, 50 V, 5 A, 0.08 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, external cable diameter: 5 mm ... 7 mm, application: Data, without crimp contacts



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626112459

## Technical data

### Dimensions

Height	41.4 mm
Width	26.35 mm
Length	13.9 mm

### Electrical characteristics

Rated voltage (III/3)	50 V
Rated current	5 A
Rated surge voltage	0.8 kV
Connection profile	8
Transmission characteristics (category)	CAT6 <sub>A</sub>

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (including heating up of contacts)
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### Mechanical characteristics

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
External cable diameter	5 mm ... 7 mm

# Contact insert module - HC-M-08-GBIT-CT-M - 1417302

## Technical data

### Mechanical characteristics

Contact diameter	1 mm
Insertion/withdrawal cycles	≥ 500

### General

Note	Connectors may be operated only when there is no load/voltage.
Series	HC-M-08-GBIT
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
	To guarantee CAT5, the VS-94-F/... cable (Order No. 1416457) must be used. Strain relief clamp (Order No. 1587742).
	In order to guarantee CAT6A, the VS-94-F/... cable (order number 1416457) should be used. Strain relief clamp, Order No. 1587742

### Material data

Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC
Phase conductor material	Zinc alloy
Phase conductor material surface	Nickel

### Standards and Regulations

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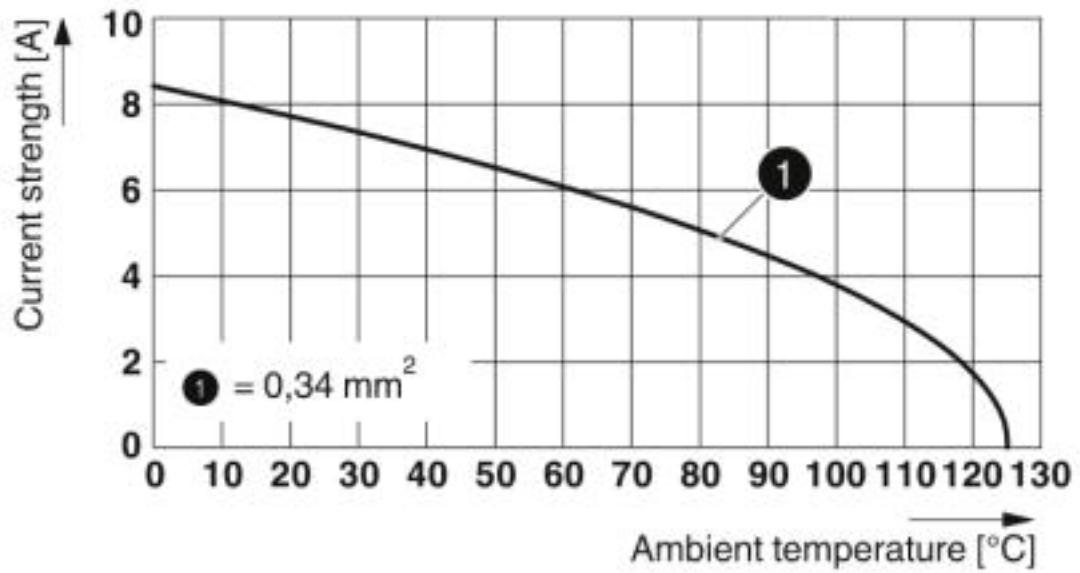
### Environmental Product Compliance

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

## Drawings

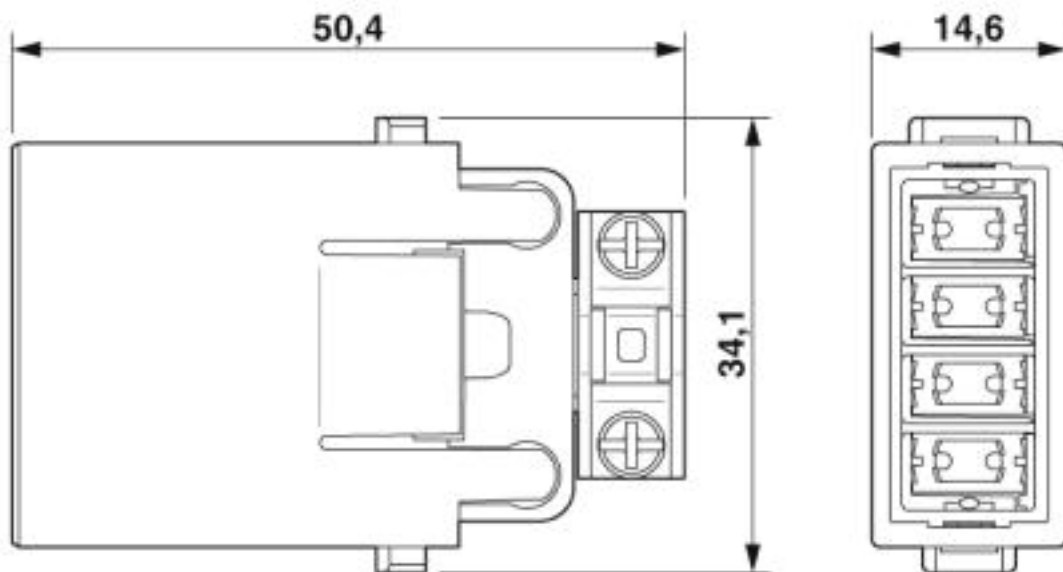
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Diagram



Derating diagram

Dimensional drawing



Male insert

## Classifications

eCl@ss

eCl@ss 10.0.1	27440218
eCl@ss 5.1	27261200

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## Classifications

### eCl@ss

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

#### Approvals

CSA / UL Recognized / EAC / EAC

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal voltage UN		50 V	
Nominal current IN		5 A	
mm <sup>2</sup> /AWG/kcmil		22	

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## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E118976
Nominal voltage UN		50 V	
Nominal current IN		5 A	
mm²/AWG/kcmil		22	

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

### Accessories

#### Crimp contact

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



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

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



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

#### Crimping tool

Crimping pliers - CRIMPFOX-TC MP - 1212510



Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm², digital display with 0.01 mm increments, pressure lock can be unlocked, including positioning tool

## Contact insert module - HC-M-08-GBIT-CT-M - 1417302

### Accessories

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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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##### 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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## Contact insert module - HC-M-08-GBIT-CT-M - 1417302

### Accessories

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

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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-08-GBIT-CT-F - 1417303



Contact insert module, number of positions: 8, Socket, Crimp connection, 50 V, 5 A, 0.08 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, external cable diameter: 5 mm ... 10 mm, application: Data, without crimp contacts

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