

Contact insert module - HC-M-08-GBIT-CT-F - 1417303

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Contact insert module, number of positions: 8, Socket, Crimp connection, 50 V, 5 A, 0.08 mm² ... 0.5 mm², external cable diameter: 5 mm ... 10 mm, application: Data, without crimp contacts



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4055626112466 |

Technical data

Dimensions

| | |
|--------|----------|
| Height | 40.3 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 _A |

Ambient conditions

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

Mechanical characteristics

| | |
|---|--|
| Conductor cross section | 0.08 mm ² ... 0.5 mm ² |
| Connection cross section AWG | 28 ... 20 |
| Stripping length of the individual wire | 4.2 mm |
| External cable diameter | 5 mm ... 10 mm |

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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 |
|--|----|

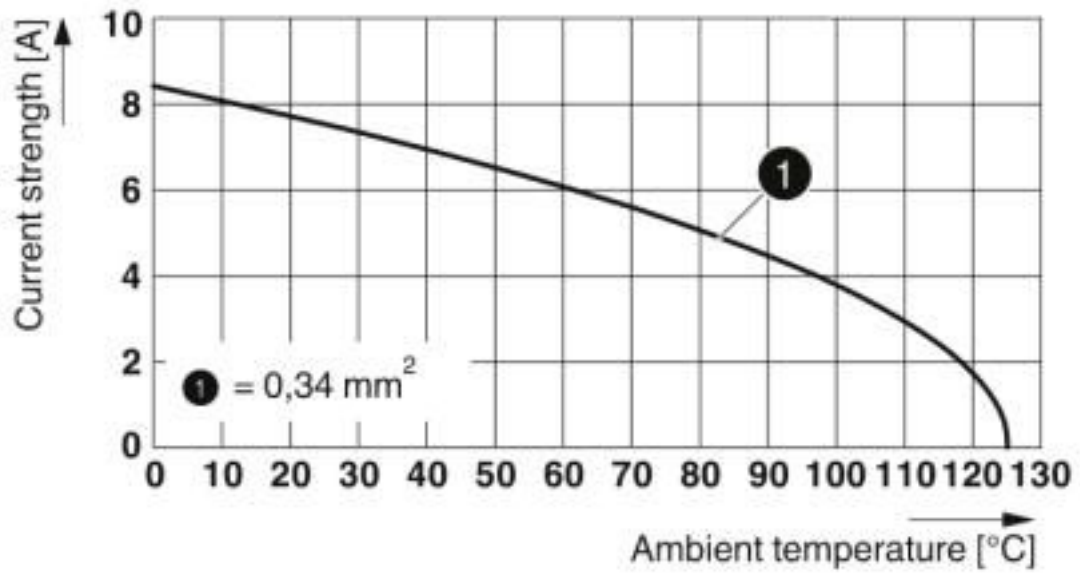
Environmental Product Compliance

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

Drawings

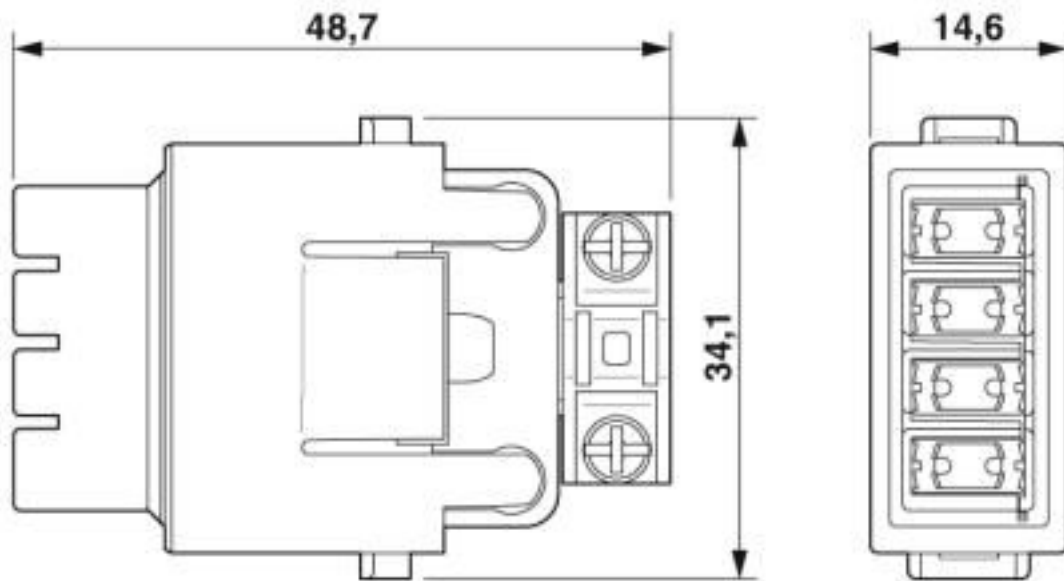
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Diagram



Derating diagram

Dimensional drawing



Female 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 |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| Nominal voltage UN | 50 V | | |
| Nominal current IN | 5 A | | |
| mm ² /AWG/kcmil | 22 | | |

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Approvals

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

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.AI30.B.01102 |
|-----|--|--------------------------|

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.BL08.B.00511 |
|-----|--|--------------------------|

Accessories

Accessories

Crimp contact

D-SUB crimp contact - CUC-DSC-J1BAU-S/DSC24 - 1418788



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

D-SUB crimp contact - CUC-DSC-J1BAU-S/DSC28 - 1418787



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

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-F - 1417303

Accessories

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 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B10-MFH-B - 1182088



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B16-MFH-B - 1182090



Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B06-MFH-H - 1182087



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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Accessories

Module carrier frame - HC-M-B10-MFH-H - 1182089



Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B16-MFH-H - 1182093



Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B24-MFH-H - 1182095



Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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



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

Additional products

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



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