

Contact insert module - HC-M-08-CT-F - 1414371


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Contact insert module, number of positions: 8, power contacts: 8, control contacts: 0, Socket, Crimp connection, 400 V, 16 A, 0.5 mm² ... 4 mm², application: Power



Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 5 pc |
| Minimum order quantity | 5 pc |
| GTIN |  4 055626 025247 |
| GTIN | 4055626025247 |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 35.8 mm |
| Width | 34.1 mm |
| Length | 14.6 mm |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 400 V |
| Rated current | 16 A |
| Rated surge voltage | 6 kV |
| Connection profile | 8 |

Ambient conditions

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

Mechanical characteristics

| | |
|---|---|
| Conductor cross section | 0.5 mm ² ... 4 mm ² |
| Connection cross section AWG | 20 ... 12 |
| Stripping length of the individual wire | 7.5 mm |
| Contact diameter | 2.5 mm |

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Technical data

Mechanical characteristics

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 500 |
| Minimum housing height | 52 mm |

General

| | |
|--|---|
| Note | For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required, CK2,5-ED... imp contacts, crimp contacts not supplied as standard. |
| | Connectors may be operated only when there is no load/voltage. |
| Series | HC-M-08 |
| 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 |

Material data

| | |
|--------------------------|-----------------------|
| Contact material | Copper alloy |
| Contact surface material | Ag (alternatively Au) |
| Contact carrier material | PC |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

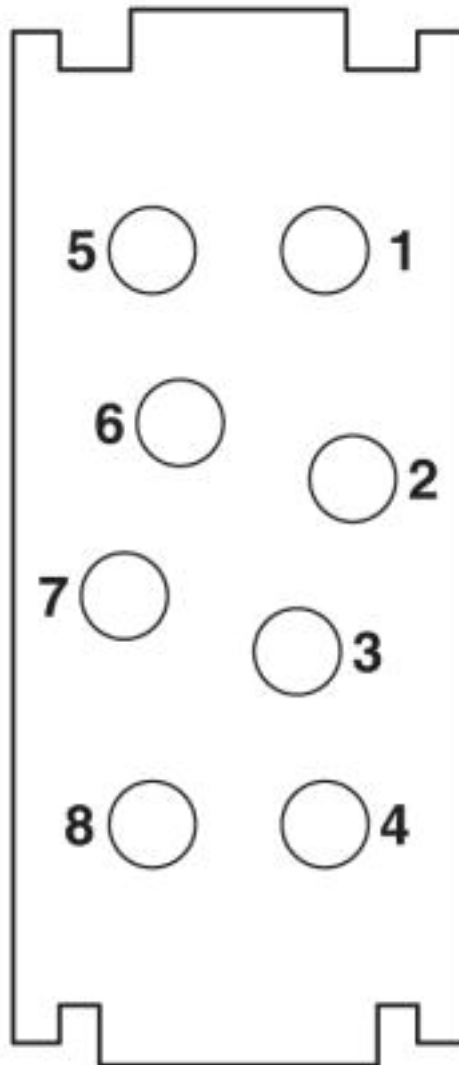
Environmental Product Compliance

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

Drawings

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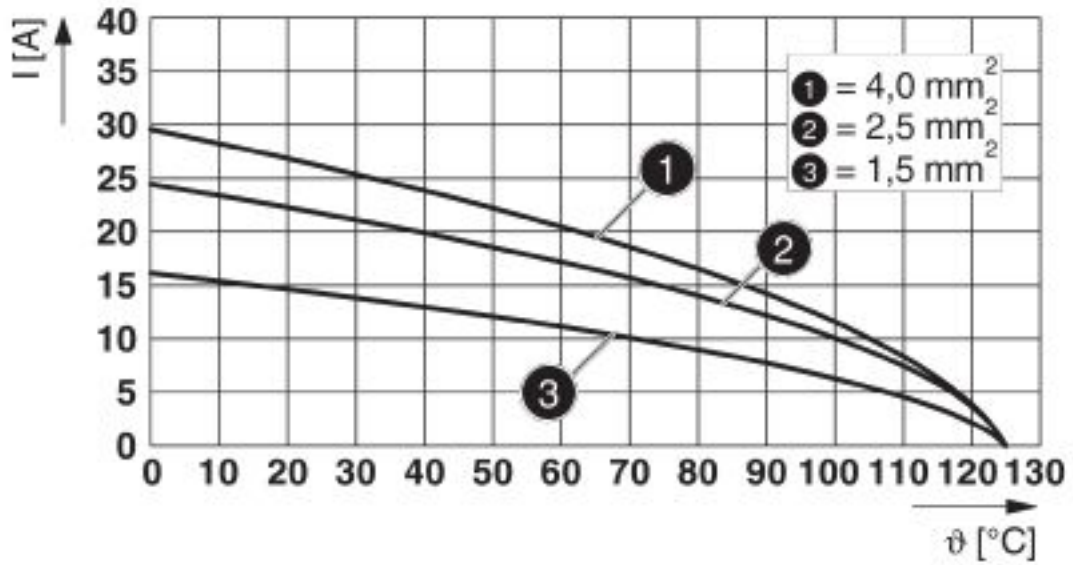
Schematic diagram



Connector pin assignment, connection side

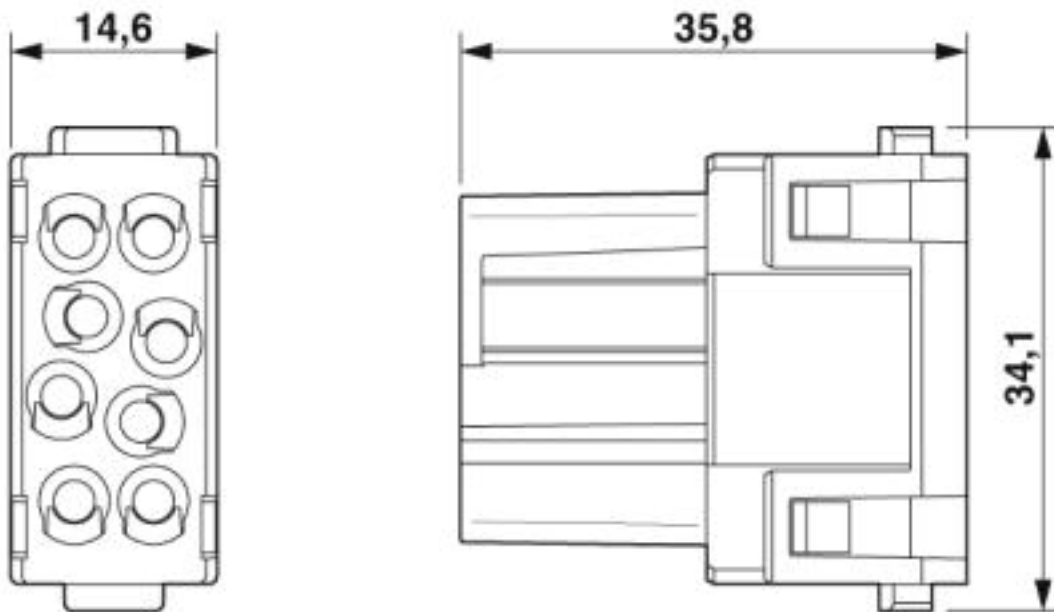
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Diagram



Derating diagram

Dimensional drawing



Approvals

Approvals

Approvals


CSA / UL Recognized / EAC


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Approvals

Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| Nominal voltage UN | | 600 V | |
| Nominal current IN | | 16 A | |
| mm ² /AWG/kcmil | | 12 | |

| | | | |
|----------------------------|--|---|---------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E118976 |
| Nominal voltage UN | | 600 V | |
| Nominal current IN | | 20 A | |
| mm ² /AWG/kcmil | | 12 | |

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

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