

Contact insert module - HC-M-05-MOD-STZ - 1647718


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HEAVYCON contact insert module, male, 5-pos., spring-cage connection

RoHS

Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 2 pc |
| Minimum order quantity | 2 pc |
| GTIN |  4 017918 969554 |
| GTIN | 4017918969554 |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 35.5 mm |
| Width | 34.2 mm |
| Length | 14.6 mm |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 400 V |
| Rated current | 16 A |
| Rated surge voltage | 6 kV |
| Connection profile | 5 |

Ambient conditions

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

Mechanical characteristics

| | |
|------------------------------|--|
| Conductor cross section | 0.14 mm ² ... 1.5 mm ² (with ferrule) |
| | 0.14 mm ² ... 2.5 mm ² (without ferrule) |
| Connection cross section AWG | 26 ... 14 (with ferrule) |
| | 26 ... 14 (with ferrule) |

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Technical data

Mechanical characteristics

| | |
|---|------------|
| Stripping length of the individual wire | 8 mm ±1 mm |
| Insertion/withdrawal cycles | ≥ 500 |
| Minimum housing height | 52 mm |

General

| | |
|--|---|
| Note | For HEAVYCON housing type B6 to B48, HC-M-MHR... hinged retaining frame required |
| Series | HC-M-05 |
| Number of module slots | 1 |
| Connection method | Spring-cage connection |
| Flammability rating according to UL 94 | V0 |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Assembly instructions | Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage. |

Material data

| | |
|--------------------------|--------------|
| Contact material | Copper alloy |
| Contact surface material | Ag |
| Contact carrier material | PC |

Standards and Regulations

| | |
|--|----|
| Connection in acc. with standard | UL |
| Flammability rating according to UL 94 | V0 |

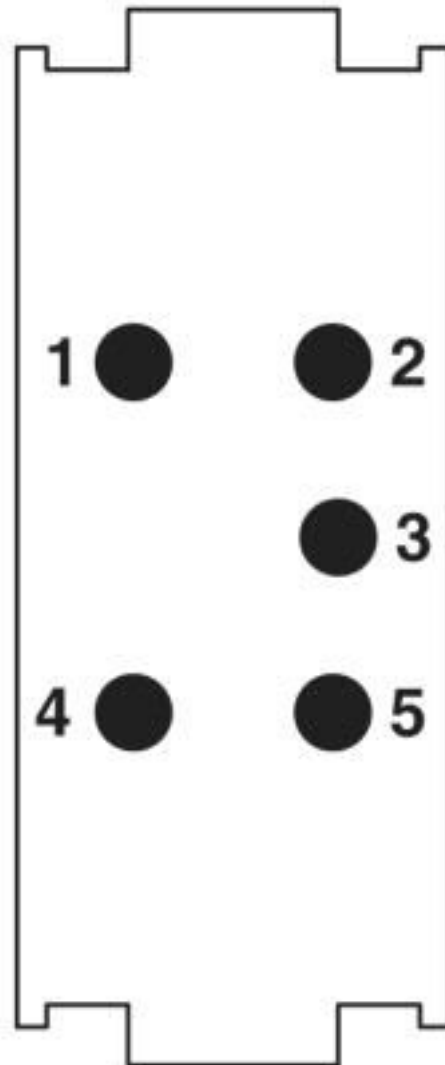
Environmental Product Compliance

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

Drawings

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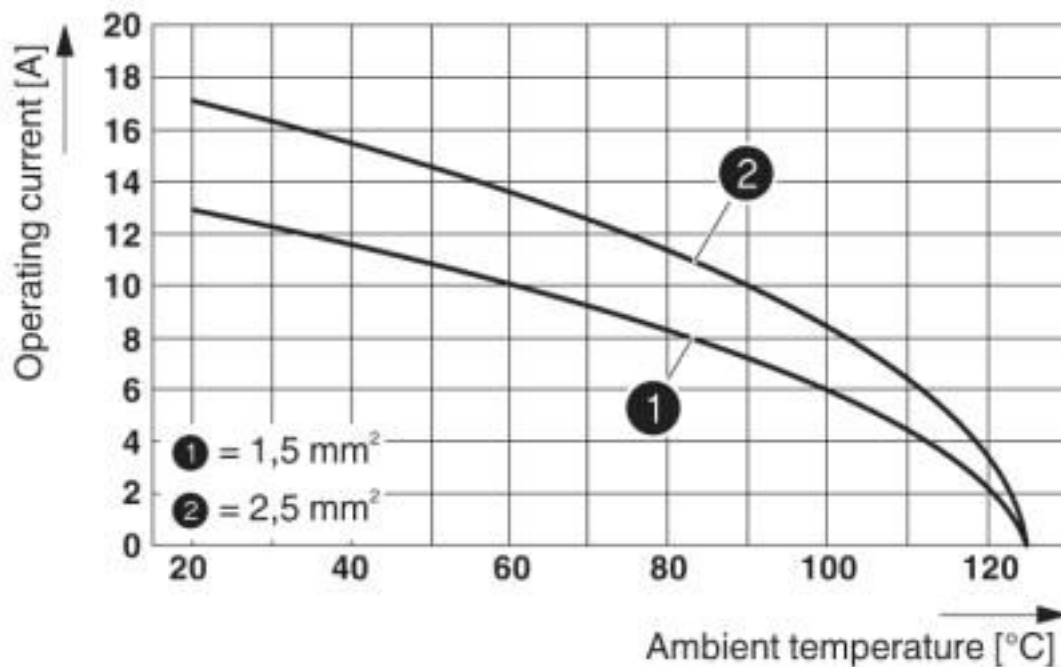
Schematic diagram



Connector pin assignment, connection side

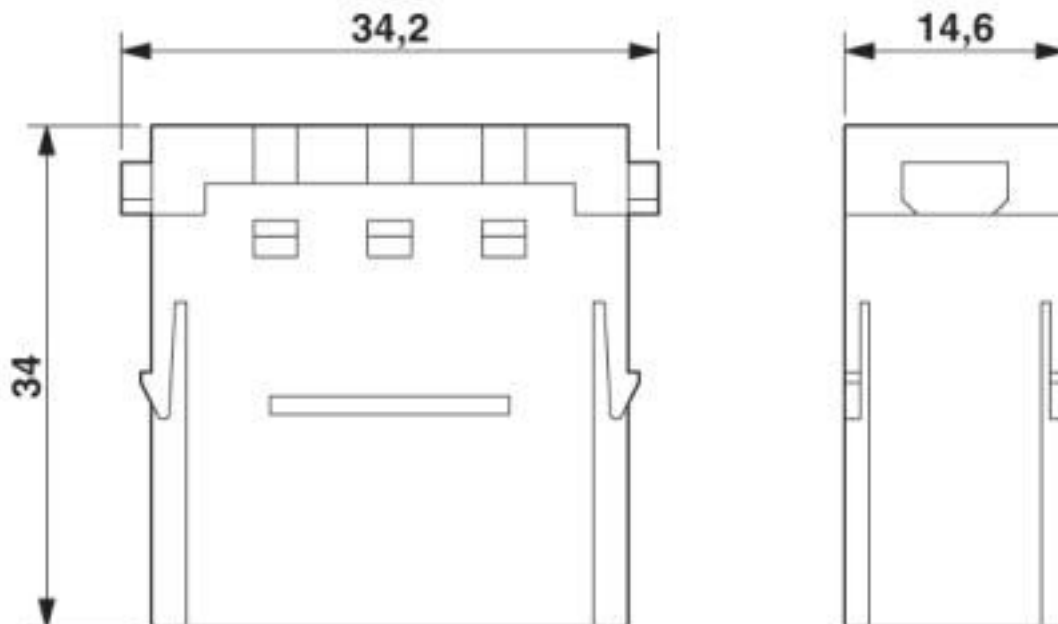
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Diagram



Derating diagram (6 modules in HC-B 24 housing)

Dimensional drawing



Male insert

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27261200 |
| eCl@ss 6.0 | 27261200 |
| eCl@ss 7.0 | 27440205 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440217 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |
| UNSPSC 19.0 | 39121522 |

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