

Contact insert module - HC-M-04-CT-F - 1414363

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Contact insert module, number of positions: 4, power contacts: 4, control contacts: 0, Socket, Crimp connection, 690 V, 40 A, 1.5 mm² ... 6 mm², application: Power



COMPLETE

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 5 pc |
| GTIN |  4 055626 025063 |
| GTIN | 4055626025063 |
| Weight per Piece (excluding packing) | 8.000 g |
| Custom tariff number | 85389099 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 40.9 mm |
| Width | 34.2 mm |
| Length | 14.6 mm |

Electrical characteristics

| | |
|-----------------------|--------|
| Rated voltage (III/3) | 690 V |
| Rated voltage (III/2) | 1000 V |
| Rated current | 40 A |
| Rated surge voltage | 8 kV |
| Connection profile | 4 |

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Technical data

Ambient conditions

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

Mechanical characteristics

| | |
|---|---|
| Conductor cross section | 1.5 mm ² ... 6 mm ² |
| Connection cross section AWG | 16 ... 10 |
| Stripping length of the individual wire | 9 mm (9.6 mm (4-6 mm ²)) |
| | 9 mm (4 mm ² ... 6 mm ²) |
| Contact diameter | 4 mm |
| Insertion/withdrawal cycles | ≥ 500 |
| Minimum housing height | 52 mm |

General

| | |
|--|--|
| Note | For HEAVYCON HC-B6 to B48 housing, HC-M-B...-MF... module carrier frame required, crimp connection, crimp contacts not supplied as standard. |
| | Connectors may be operated only when there is no load/voltage. |
| Series | HC-M-04 |
| Color | light gray |
| Number of module slots | 1 |
| Connection method | Crimp connection |
| Connection in acc. with standard | IEC / EN |
| 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 |
| Connection | The module cannot be used simultaneously with the HC-B...-TMB-SD-IP65 and HC-B...-TMS-SD-IP65 protective covers. |

Material data

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

Standards and Regulations

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

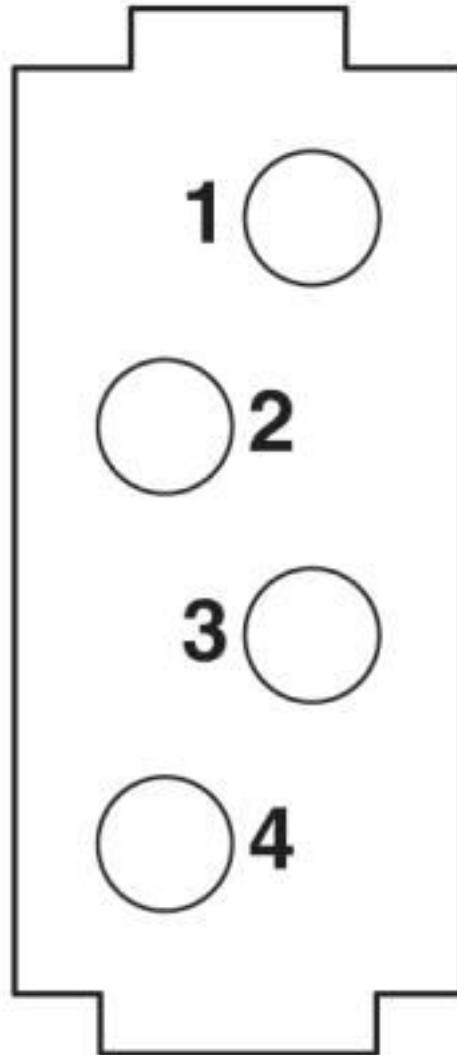
Environmental Product Compliance

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

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Drawings

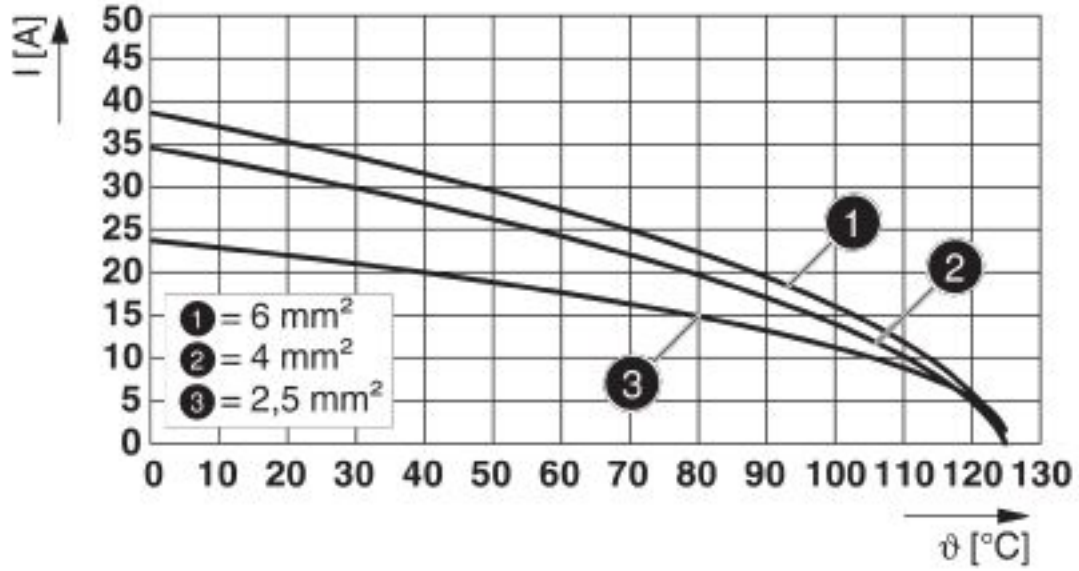
Schematic diagram



Connector pin assignment, connection side

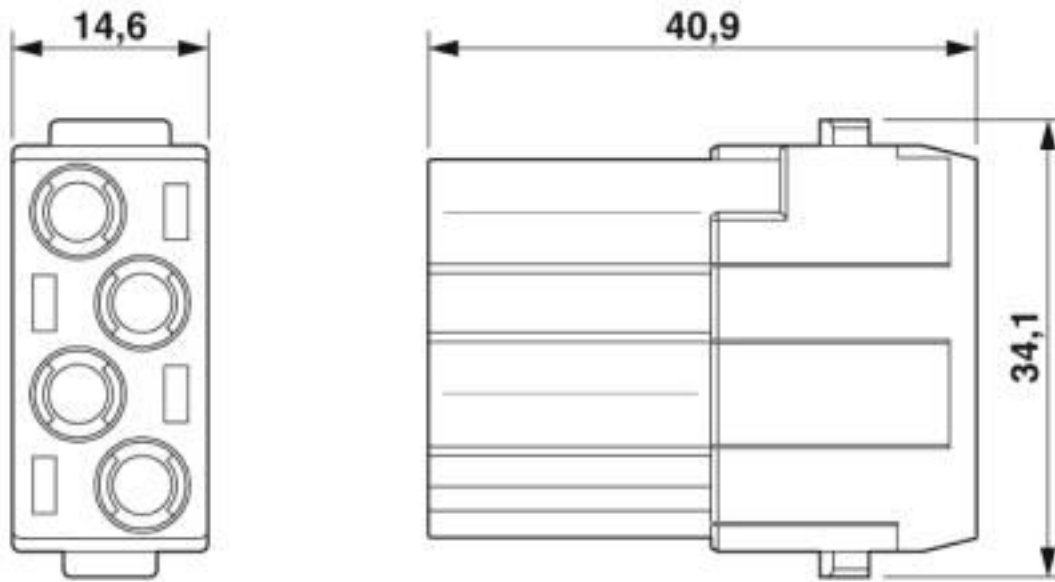
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Diagram



Derating diagram

Dimensional drawing



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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440217 |
| 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 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 | 830 V | | |
| Nominal current IN | 30 A | | |
| mm ² /AWG/kcmil | 10 | | |

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Approvals

| | | | |
|----------------------------|--|---|---------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E118976 |
| Nominal voltage UN | | 600 V | |
| Nominal current IN | | 37 A | |
| mm ² /AWG/kcmil | | 10 | |

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

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

Accessories

Accessories

Crimp contact

Crimp contact - CK4,0-ED-1,50BU AG - 1663271



Turned 4.0 crimp contact, individual female contact, core diameter 1.50 mm², silver-plated

Crimp contact - CK4,0-ED-2,50BU AG - 1663284



Turned 4.0 crimp contact, individual female contact, core diameter 2.50 mm², silver-plated

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Accessories

Crimp contact - CK4,0-ED-4,00BU AG - 1663297



Turned 4.0 crimp contact, individual female contact, core diameter 4.00 mm², silver-plated

Crimp contact - CK4,0-ED-6,00BU AG - 1663307



Turned 4.0 crimp contact, individual female contact, core diameter 6.00 mm², silver-plated

Crimp contact - CK4,0-ED-10,00BU AG - 1586183



Turned 4.0 crimp contact, single socket contact, 10 mm² conductor cross section, silver-plated

Crimping tool

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

Crimping pliers - CRIMPFOX-TC 10 - 1212114



Crimping pliers, for turned contacts with a pin diameter of 4.0 mm, two marked die stations, pressure lock can be released, lateral entry, incl. positioning help

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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

Universal tools

Contact removal tool - UNIFOX RT-CK 4.0 - 1072064



Contact removal tool, for rotated CK-4,0-... contacts

Additional products

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Accessories

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