

Contact insert module - HC-M-05-PT-M - 1417372

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Contact insert module, number of positions: 5, power contacts: 5, control contacts: 0, Pin, Push-in connection, 400 V, 16 A, 0.14 mm² ... 2.5 mm², application: Power



COMPLETE

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 5 pc |
| GTIN |  4 055626 112541 |
| GTIN | 4055626112541 |
| Weight per Piece (excluding packing) | 16.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

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

Contact insert module - HC-M-05-PT-M - 1417372

Technical data

Ambient conditions

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

Mechanical characteristics

| | |
|---|--|
| Conductor cross section | 0.14 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 26 ... 14 |
| Stripping length of the individual wire | 8 mm ±1 mm |
| Contact diameter | 2.5 mm |
| Insertion/withdrawal cycles | ≥ 500 |
| Minimum housing height | 52 mm |

General

| | |
|--|---|
| Note | only use flexible conductors with ferrules |
| | Connectors may be operated only when there is no load/voltage. |
| | For HEAVYCON housing type B6 to B48, HC-M-B...MF... module carrier frame required |
| Series | HC-M-05 |
| Color | light gray |
| Number of module slots | 1 |
| Connection method | Push-in connection |
| Contact type | rolled |
| 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 |
| Contact carrier material | PC |

Standards and Regulations

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

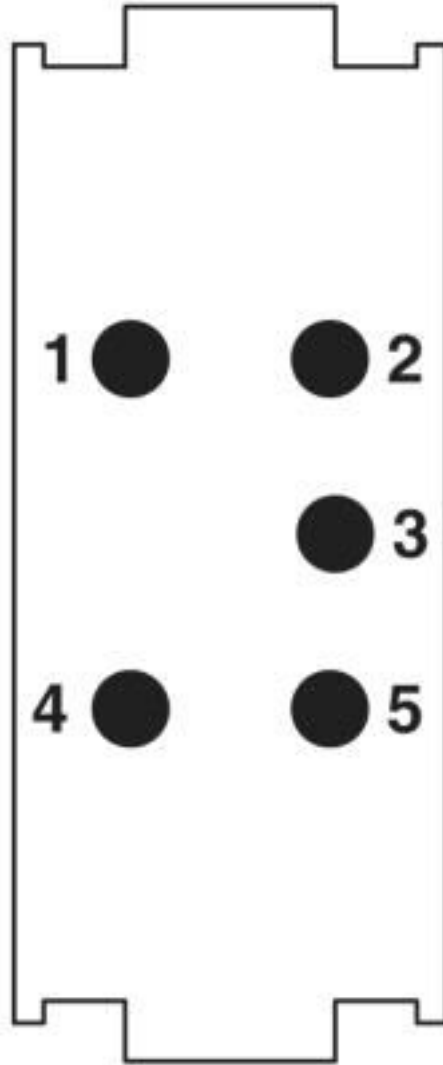
Environmental Product Compliance

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

Drawings

Contact insert module - HC-M-05-PT-M - 1417372

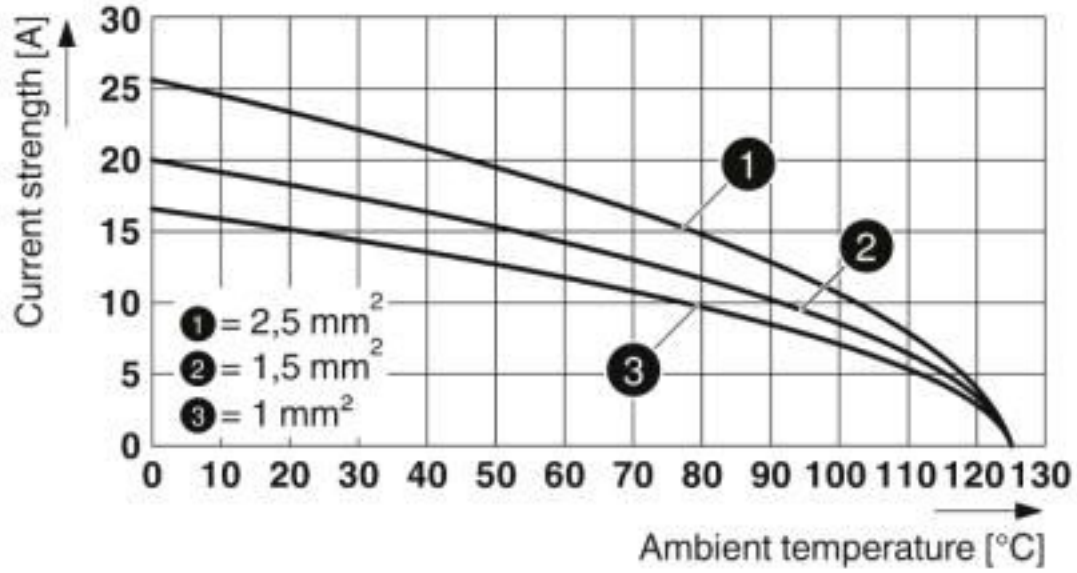
Schematic diagram



Connector pin assignment, connection side

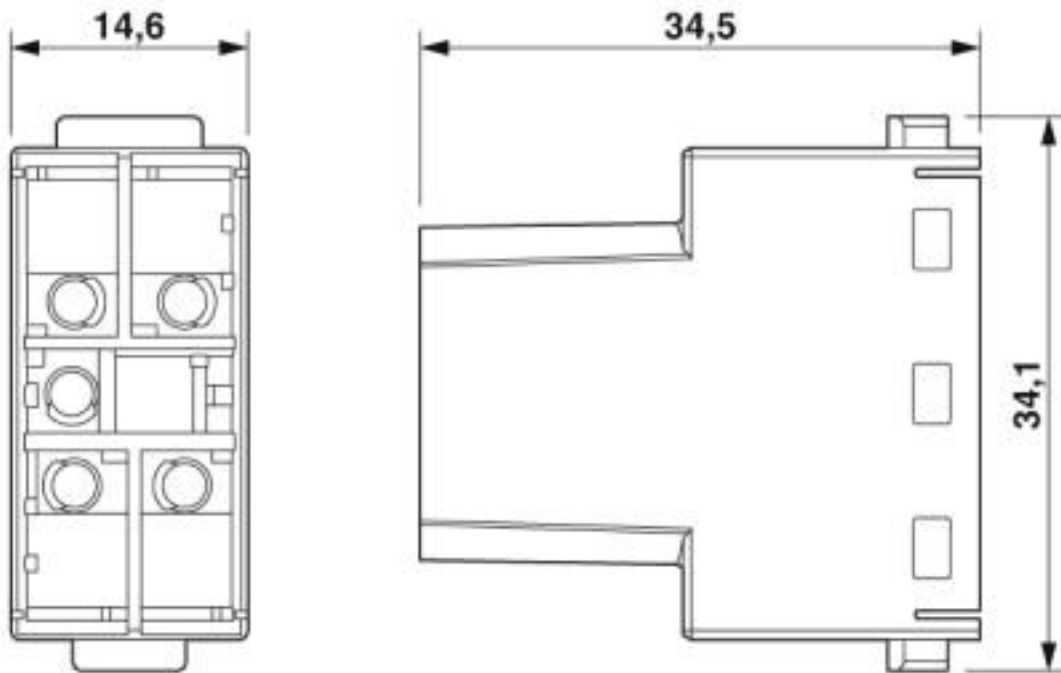
Contact insert module - HC-M-05-PT-M - 1417372

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 | 600 V | | |
| Nominal current IN | 15 A | | |
| mm ² /AWG/kcmil | 14 | | |

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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 | | 19 A | |
| mm ² /AWG/kcmil | | 14 | |

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

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

Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

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

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Accessories

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

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

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Accessories

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

Additional products

Contact insert module - HC-M-05-PT-F - 1417373



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