

Contact insert module - HC-M-12-PT-M - 1424246

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Contact insert module, number of positions: 12, power contacts: 0, control contacts: 12, Pin, Push-in connection, 250 V, 10 A, 0.14 mm² ... 1.5 mm², application: Signal



COMPLETE

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 369600 |
| GTIN | 4055626369600 |
| Weight per Piece (excluding packing) | 20.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 36.3 mm |
| Width | 34.1 mm |
| Length | 14.6 mm |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 250 V |
| Rated current | 10 A |
| Rated surge voltage | 4 kV |
| Connection profile | 12 |

Ambient conditions

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

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Technical data

Mechanical characteristics

| | |
|---|---|
| Conductor cross section | 0.14 mm ² ... 1.5 mm ² (with ferrule) |
| Connection cross section AWG | 26 ... 16 (with ferrule) |
| Stripping length of the individual wire | 8 mm |
| Contact diameter | 1.6 mm |
| Insertion/withdrawal cycles | ≥ 500 |

General

| | |
|--|---|
| Note | For solid conductors or stranded conductors with ferrules Connectors may be operated only when there is no load/voltage. |
| Series | HC-M-12 |
| Color | light gray |
| Number of module slots | 1 |
| Connection method | Push-in 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 |
| Contact carrier material | PC |

Standards and Regulations

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

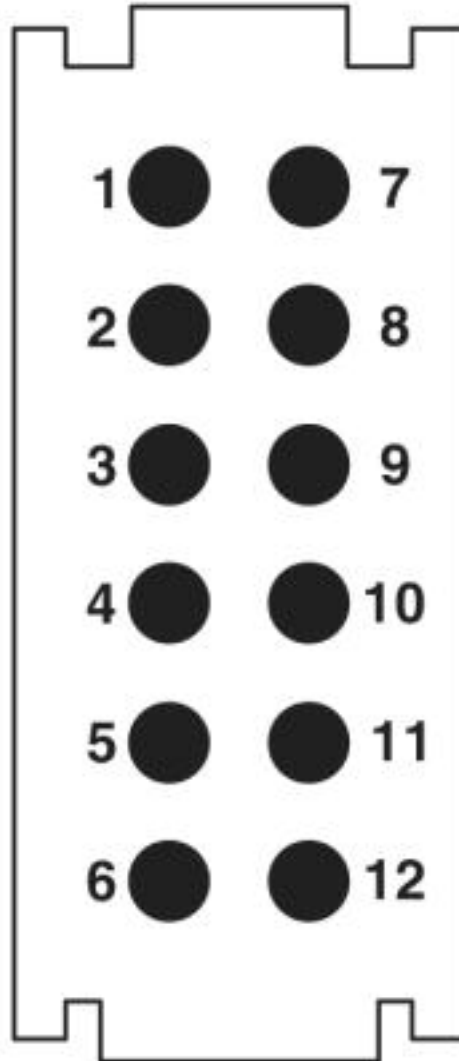
Environmental Product Compliance

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

Drawings

Contact insert module - HC-M-12-PT-M - 1424246

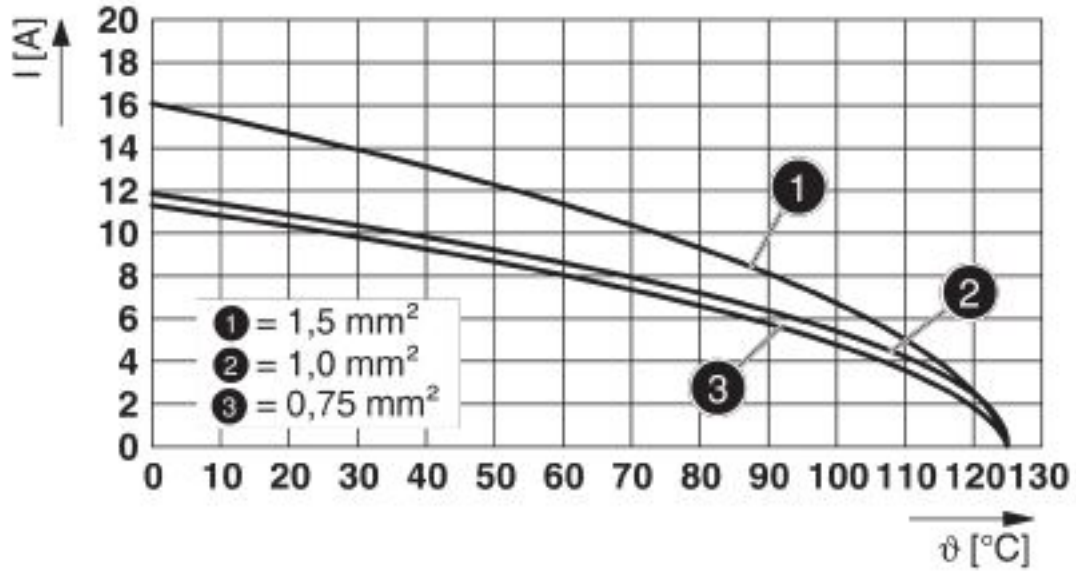
Schematic diagram



Connector pin assignment, connection side

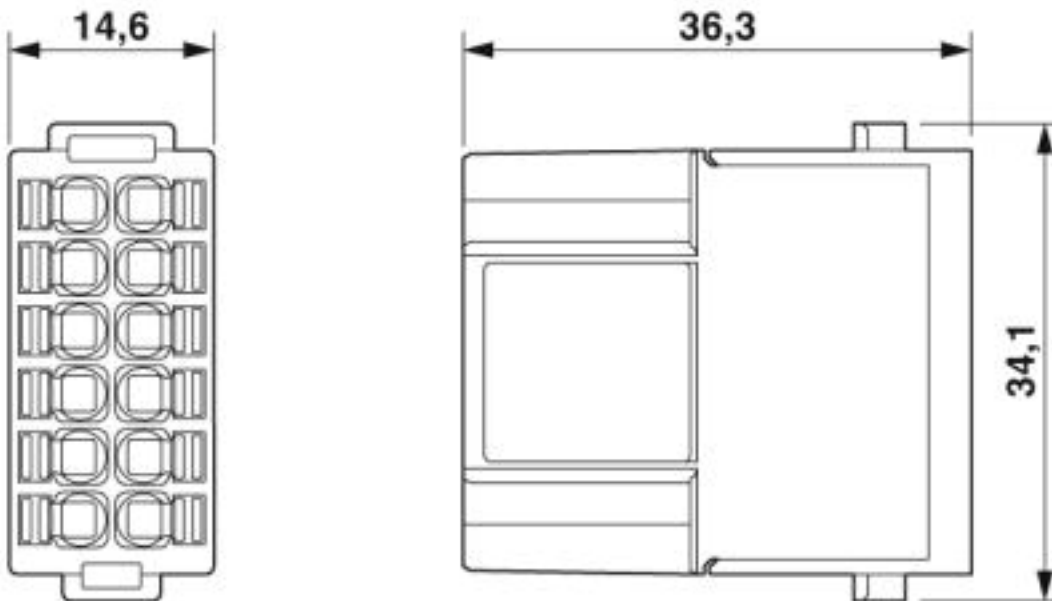
Contact insert module - HC-M-12-PT-M - 1424246

Diagram



Derating diagram

Dimensional drawing



Dimensional drawing

Contact insert module - HC-M-12-PT-M - 1424246

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440217 |
| eCl@ss 5.1 | 27261200 |
| eCl@ss 6.0 | 27261200 |
| eCl@ss 7.0 | 27440207 |
| eCl@ss 9.0 | 27440217 |

ETIM

| | |
|----------|----------|
| ETIM 6.0 | EC000438 |
| ETIM 7.0 | EC000438 |

Approvals


Approvals


Approvals

EAC / EAC

Ex Approvals

Approval details

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

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

Accessories

Accessories

Crimping tool

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Accessories

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

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

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Accessories

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

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-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-12-PT-M - 1424246

Accessories

Contact insert module - HC-M-12-PT-F - 1424228



Contact insert module, number of positions: 12, power contacts: 0, control contacts: 12, Socket, Push-in connection, 250 V, 10 A, 0.14 mm² ... 1.5 mm², application: Signal