

Contact insert - HC-B10-I-TPT-M - 1423017

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Contact insert, number of positions: 10+PE, size: B10, number of connections per position: 2, Pin, Push-in connection, 500 V, 10 A, 0.25 mm² ... 1.5 mm², application: Power

Why buy this product

- For fast coding with plastic profile



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 STK |
| GTIN | |
| GTIN | 4055626322704 |

Technical data

General

| | |
|---|--|
| Note | for housing HC-B10 |
| Connection method | Push-in connection |
| Number of connections per position | 2 |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 10+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | B10 |
| Contact numbering | 1 - 10 |
| Conductor cross section | 0.25 mm ² ... 1.5 mm ² (with ferrule) |
| Connection cross section AWG | 26 ... 16 (with ferrule) |
| Stripping length of the individual wire | 8 mm ±1 mm |
| Assembly instructions | Coding also using the CP-HC (1686478) coding profiles. HC-B6../ HC-B10..for two coding profiles. HC-B16../ HC-B24..for four coding profiles. |
| Connection | Connectors may only be actuated when there is no load/voltage. |

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Technical data

Ambient conditions

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

Material data

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

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 500 V |
| Rated surge voltage | 6 kV |
| Rated current | 10 A |

Standards and Regulations

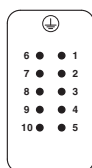
| | |
|--|--------------|
| Constructional and testing regulations | DIN EN 61984 |
| | DIN EN 60664 |
| | IEC 60352 |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

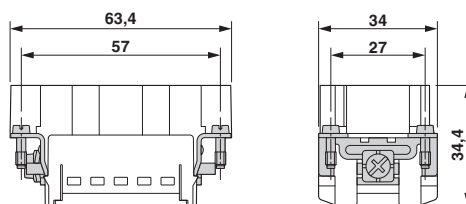
| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



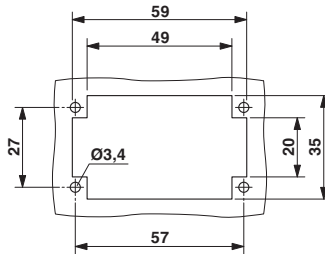
Dimensional drawing



Connector pin assignment, connection side

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Dimensional drawing



Mounting cutout when used without housing

Approvals

Approvals

Approvals

EAC / CSA / UL Recognized

Ex Approvals

Approval details

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | | |
|----------------------------|--|---|-------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| Nominal voltage UN | | 600 V | |
| Nominal current IN | | 11 A | |
| mm ² /AWG/kcmil | | 16 | |

| | | | |
|----------------------------|--|---|---------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E118976 |
| Nominal voltage UN | | 600 V | |
| Nominal current IN | | 14 A | |
| mm ² /AWG/kcmil | | 16 | |

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