

Contact insert - HC-B10-I-TPT-F - 1423018

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Contact insert, Size: B10, Number of positions: 10+PE, Female connector, Push-in connection, Number of connections per position: 2, 500 V, 10 A, 0.14 mm² ... 1.5 mm², Application: Power

Why buy this product

- For fast coding with plastic profile
- For test pin 2 mm

Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 |
| GTIN |  4 055626 322711 |
| GTIN | 4055626322711 |
| Custom tariff number | 85366990 |

Technical data

General

| | |
|---|---|
| Note | for housing HC-B10 |
| Connection method | Push-in connection |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 10+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | B10 |
| 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 ±1 mm |

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Technical data

General

| | |
|-----------------------|--|
| 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. |

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

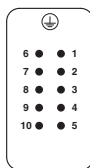
| | |
|-----------------------|-------|
| Rated voltage (III/3) | 500 V |
| Rated surge voltage | 6 kV |
| Rated current | 10 A |

Standards and Regulations

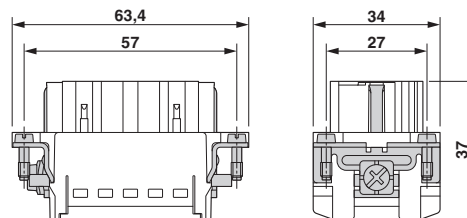
| | |
|--|--------------|
| Constructional and testing regulations | DIN EN 61984 |
| | DIN EN 60664 |
| | IEC 60352 |
| Flammability rating according to UL 94 | V0 |

Drawings

Schematic diagram



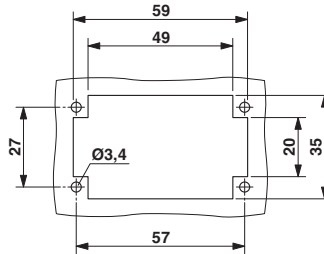
Dimensional drawing



Connector pin assignment, connection side

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Dimensional drawing



Mounting cutout when used without housing

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC000438 |
|----------|----------|

Approvals

Approvals

Approvals

EAC / CSA / UL Recognized


Ex Approvals


Approval details

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

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Approvals

| | | | |
|--------------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| mm ² /AWG/kcmil | | 16 | |
| Nominal current I _N | | 11 A | |
| Nominal voltage U _N | | 600 V | |

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

Accessories

Accessories

Adapter plate

Adapter plate - HC-B 24-ADP-B 10-GY - 1660436



HEAVYCON adapter plate, type B24 on B10, for panel cutouts of type B24, gray

Coding element

Coding profile - CP-HC - 1686478



Coding profile, 4 coding profiles per strip, for insertion in coding keyways

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Accessories

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Docking frame

Docking frames - HC-B 10-ANDOCK - 1586125



Docking frame for racks, for contact inserts of B10 type, with four M5 flat headed screws, rack balance x/y axis +/- 1.5 mm

Mounting material

Screw - HC-B-PES - 1604997



PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64

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Accessories

PE multiplier - HC-B-3PE - 1644326



PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts

Strain relief clamp - HC-B-ZG - 1685327



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit

Strain relief clamp - HC-B-ZS - 1685330



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit

Plug assembly frame

Connector assembly frame - HC-SMR-B10 - 1687969



HEAVYCON connector assembly frame, for contact inserts of type B10

Plug mounting plate

Connector assembly frame - HC-SMP 125-B10-AMQ - 1660960

HEAVYCON connector assembly frame with panel mounting base with double locking latch, for contact inserts of type B10
