

Contact insert - HC-BBB 64-ESTC - 1409901

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HEAVYCON pin insert, BBB 64 series, 64-pos., crimp connection

Product Features



Key commercial data

| | |
|----------------------|----------|
| Packing unit | 1 pc |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|---|---|
| Connection method | Crimp connection |
| Pollution degree | 3 |
| Surge voltage category | III |
| Number of positions | 64+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Type | B24 |
| Connection in acc. with standard | IEC / EN |
| Conductor cross section | 0.5 mm ² ... 4 mm ² |
| Connection cross section AWG | 20 ... 12 |
| Stripping length of the individual wire | 7.5 mm |
| Assembly instructions | - Housing heights of $h \geq 72$ mm are recommended when there is a high number of wires. |
| Connection | Connectors may be plugged in only when there is no load/voltage. |

Ambient conditions

Contact insert - HC-BBB 64-ESTC - 1409901

Technical data

Ambient conditions

| | |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C ... 125 °C (including heating up of contacts) |
|---------------------------------|--|

Material data

| | |
|---|-----------------------|
| Inflammability class according to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | Ag (alternatively Au) |
| Contact carrier material | PC |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 500 V |
| Rated surge voltage | 6 kV |
| Rated current | 16 A |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000796 |
| ETIM 4.0 | EC000437 |
| ETIM 5.0 | EC000438 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |

Approvals

Approvals

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Approvals


Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

| | |
|---|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 12 |
| Nominal voltage UN | 500 V |

| | |
|--|-------|
| cUL Recognized  | |
| mm ² /AWG/kcmil | 12 |
| Nominal voltage UN | 500 V |

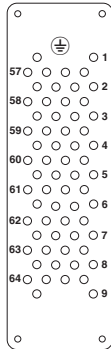
| |
|-----|
| EAC |
|-----|

| |
|--|
| cULus Recognized  |
|--|

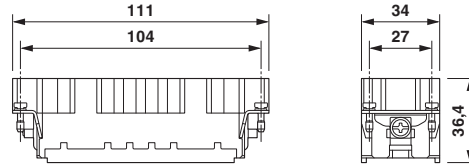
Drawings

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Schematic diagram



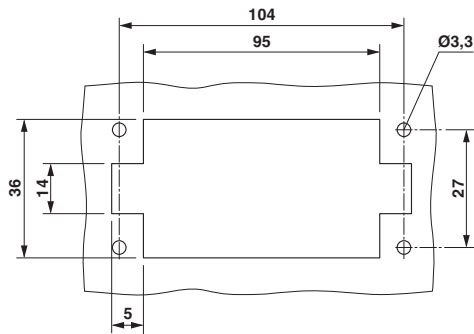
Dimensional drawing



Dimensional drawing

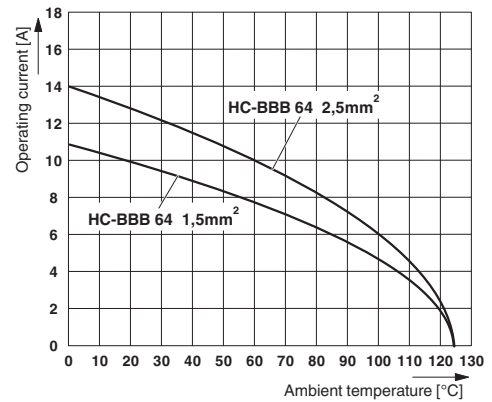
Connector pin assignment, connection side

Dimensional drawing



Panel cutout

Diagram



Derating diagram