

Terminal adapter - HC-B 24-A-DT-PER-F - 1648490

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HEAVYCON terminal adapter socket insert, B24 series, 24-pos., for the right side of the control cabinet, push-in connection



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 188.43 g |
| Custom tariff number | 85366990 |
| Country of origin | China |

Technical data

Dimensions

| | |
|---------------------------------|---------|
| Drill hole distance, horizontal | 104 mm |
| Height | 72.1 mm |

Ambient conditions

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

Electrical characteristics

| | |
|-----------------------|---|
| Note | For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B24 type |
| Number of positions | 24 |
| Rated voltage (III/3) | 500 V |
| Rated surge voltage | 6 kV |
| Rated current | 16 A |

Mechanical characteristics

| | |
|---|------------------------------------|
| Type | B24 |
| Connection method | Push-in connection |
| Stripping length of the individual wire | 10 mm (13 mm if ferrules are used) |

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Mechanical characteristics

| | |
|------------------------------|---|
| Conductor cross section | 0.5 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 22 ... 12 |

General

| | |
|--|---|
| Contact material | Copper alloy |
| Contact surface material | Ag |
| Contact carrier material | PA |
| Standards/regulations | PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL2) |
| | PA: Fire protection in rail vehicles - requirement set R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |
| Pollution degree | 3 |
| Overvoltage category | III |
| Flammability rating according to UL 94 | V0 |
| Assembly instructions | 1) Insert ferrules. 0.5 mm ² ... 2.5 mm ² with insulating collar, length 10 mm, stripping length 13 mm, 2) Screwdriver SZF0-0,4x2,5 (similar to DIN 5264) |
| Installation instructions | Connectors may be plugged in only when there is no load/voltage. |

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 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |

UNSPSC

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

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Approvals

Approvals


Approvals


CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

| | |
|--|-------|
| CSA  | |
| mm ² /AWG/kcmil | 22-14 |
| Nominal current I _N | 13 A |
| Nominal voltage U _N | 600 V |

| | |
|---|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 22-14 |
| Nominal current I _N | 13 A |
| Nominal voltage U _N | 600 V |

| | |
|--|-------|
| cUL Recognized  | |
| mm ² /AWG/kcmil | 22-14 |
| Nominal current I _N | 13 A |
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| | |
|-----|--|
| EAC | |
|-----|--|

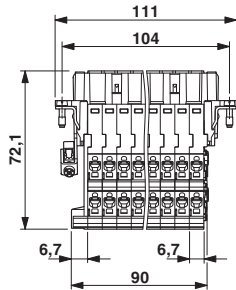
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Approvals

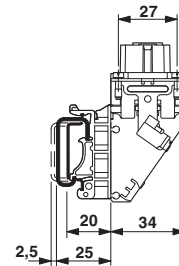


Drawings

Dimensional drawing



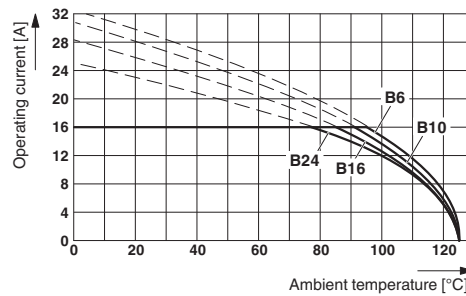
Dimensional drawing



Dimensional drawing

Dimensional drawing, side view

Diagram



Derating diagram