

# Contact insert - HC-KA-B 24-ST/PER - 1772913

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HEAVYCON terminal adapter male insert, B24 series, 24. pos., protective conductor connection on the right for the left side of the control cabinet, screw connection; contact inserts with screw, crimp, and QUICKON connections usable as mating connectors.

The figure shows version HC-KA-B 16-ST/PER



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 5 pc  |
| GTIN         | <br>4 017918 037529 |
| GTIN         | 4017918037529   |

## Technical data

### Dimensions

|                        |        |
|------------------------|--------|
| Terminal adapter width | 104 mm |
|------------------------|--------|

### Ambient conditions

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

### Electrical characteristics

|                                  |          |
|----------------------------------|----------|
| Number of positions              | 24       |
| Connection in acc. with standard | IEC / EN |
| Rated voltage (III/3)            | 400 V    |
| Rated surge voltage              | 6 kV     |
| Rated current                    | 16 A     |

### Mechanical characteristics

|   |   |
|---|---|
| Type                                    | B24   |
| Connection method                       | Screw connection                            |
| Tightening torque                       | 0.5 Nm ... 0.8 Nm                           |
| Stripping length of the individual wire | 14 mm                                       |
| Conductor cross section                 | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |

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## Technical data

### Mechanical characteristics

|                              |           |
|------------------------------|-----------|
| Connection cross section AWG | 22 ... 12 |
|------------------------------|-----------|

### General

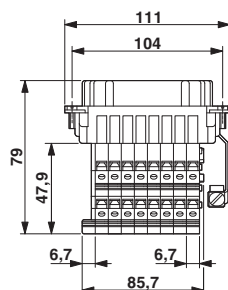
|  |   |
|--|---|
| Note                                   | For HEAVYCON ADVANCE panel mounting flange and HEAVYCON panel mounting base of type B24. Contact inserts with screw, crimp, and QUICKON connections can be used as mating connectors. |
| Contact material                       | Copper alloy  |
| Contact surface material               | Ag  |
| Contact carrier material               | PA / PC   |
| Degree of pollution                    | 3   |
| Overvoltage category                   | III   |
| Flammability rating according to UL 94 | V0  |
| Connection in acc. with standard       | IEC / EN  |
| Assembly instructions                  | Connectors may be operated only when there is no load/voltage.  |

### Standards and Regulations

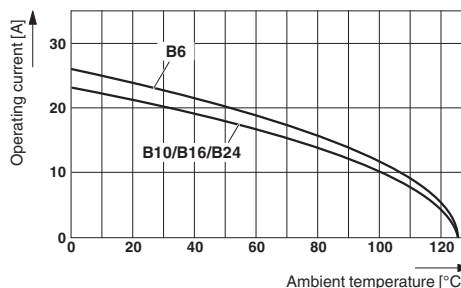
|  |     |
|--|-----|
| Connection in acc. with standard       | CSA |
| Flammability rating according to UL 94 | V0  |

## Drawings

Dimensional drawing



Diagram



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