

## HC-KA-B 24-ST/PEL

Order No.: 1772874

The illustration shows version HC-KA-B 16-ST/PEL



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772874>

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

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918037482      |
| Pack                     | 5 pcs.             |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.1982 KG          |
| Catalog page information | Page 382 (PC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/29/2007



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### Technical data

#### Electrical characteristics

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

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

#### General characteristics

|                                    |                                                                |
|------------------------------------|----------------------------------------------------------------|
| Contact material                   | Copper alloy                                                   |
| Contact surface material           | Ag                                                             |
| Contact carrier material           | PA / PC                                                        |
| Terminal adapter width             | 85.7 mm                                                        |
| Pollution degree                   | 3                                                              |
| Surge voltage category             | III                                                            |
| Inflammability class acc. to UL 94 | V0                                                             |
| Connection in acc. with standard   | IEC / EN                                                       |
| Ambient temperature (operation)    | -40 °C ... 125 °C                                              |
| Assembly instructions              | Connectors may be operated only when there is no load/voltage. |

#### Certificates / Approvals



Certification CSA, GOST, UL

#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 9 A   |
| AWG/kcmil                      | 22-12 |

#### UL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 10 A  |

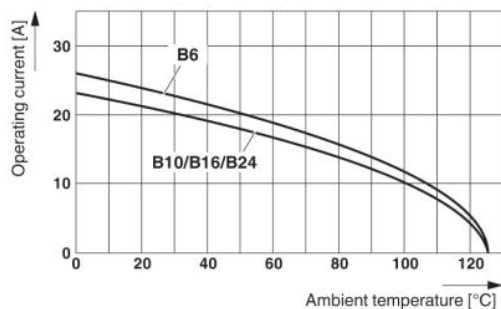
|           |       |
|-----------|-------|
| AWG/kcmil | 22-12 |
|-----------|-------|

#### Accessories

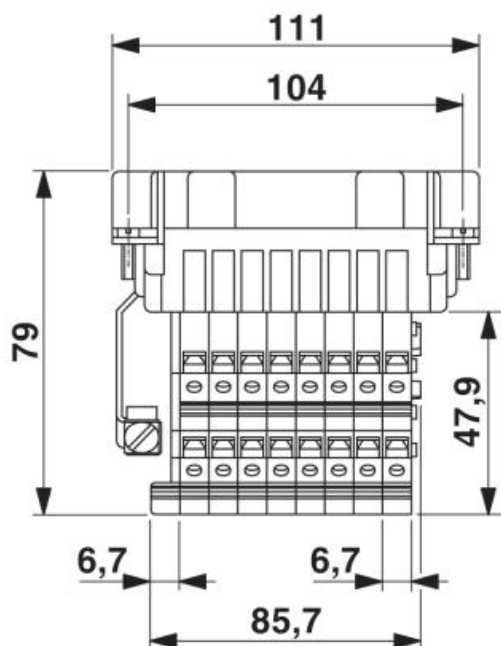
| Item            | Designation | Description                                                                                                                           |
|-----------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |             |                                                                                                                                       |
| 1775240         | HC-KA-FE    | Foot element, for mounting on DIN rail NS 32, DIN rail NS 35/7.5 or DIN rail NS 35/15, can be inserted between basic and side element |
| 1660083         | HC-VSH      | Locking screw barrel, for a firm connection of contact inserts and DIN-rail mountable terminal adapters                               |

#### Diagrams/Drawings

##### Diagram

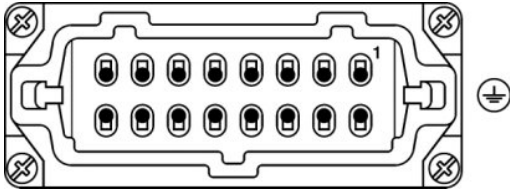


##### Dimensioned drawing



Schematic diagram

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