

## Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



EVO connector set consisting of: 1407731, 1407732, 1407648, 1407643, 1407670

### Product Features

- Lower costs than metal version
- Labeling option using 9 x 20 mm marking label
- Low weight
- Lower risk of condensation
- Both contact insert PE sheets are connected by means of a metal frame integrated in the sleeve housing
- Metal inlays ensure leading PE contact with angled plugs
- Completely corrosion-resistant
- Halogen-free plastic
- Impact test according to IK 08
- Marking label can be attached



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 460.0 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### General

|                     |                    |
|---------------------|--------------------|
| Number of positions | 16+PE              |
| Type                | B16                |
| Connection method   | Push-in connection |
| Cable exit          | straight           |

## Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

### Technical data

#### General

|                                  |                       |
|----------------------------------|-----------------------|
| Degree of protection for housing | IP66                  |
|                                  | 4 (UL50e / NEMA 250)  |
|                                  | 4X (UL50e / NEMA 250) |
|                                  | 12 (UL50e / NEMA 250) |
| Connection method                | Push-in connection    |
| Rated voltage (III/3)            | 500 V                 |
| Rated surge voltage              | 6 kV                  |
| Rated current                    | 16 A                  |

#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Articles in set

#### Contact insert - HC-B 16-I-PT-F - 1407731



HEAVYCON socket insert, B16 series, 16 + PE-pos., push-in connection

#### Contact insert - HC-B 16-I-PT-M - 1407732



HEAVYCON pin insert, B16 series, 16 + PE-pos., push-in connection

#### Housing - HC-EVO-B16-BWD-PLRBK - 1407648



HEAVYCON EVO panel mounting base, plastic, B16, with double locking latch, height: 30.5 mm, with flat gasket

## Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

### Articles in set

Housing - HC-EVO-B16-HHFD-PLBK - 1407643



HEAVYCON EVO sleeve housing, plastic, with bayonet flange for EVO screw connection, B16, for double locking latch, height: 78 mm, without EVO screw connection

Cable gland - HC-B-G-M25-PLRBK - 1407670



EVO plastic cable gland with bayonet locking, for housing series B, size M25, cable diameter: 9 ... 17 mm

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440101 |

#### ETIM

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

#### UNSPSC

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

# Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

## Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

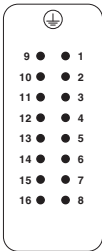
## Approval details

EAC

EAC

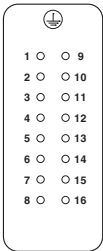
## Drawings

Schematic diagram



Pin assignment, connection side, pin

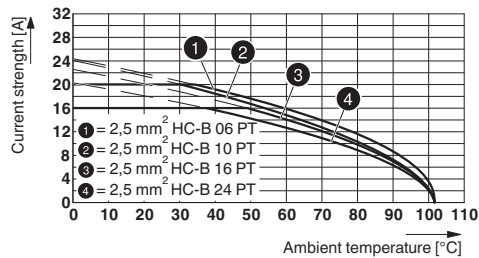
Schematic diagram



Pin assignment, connection side, socket

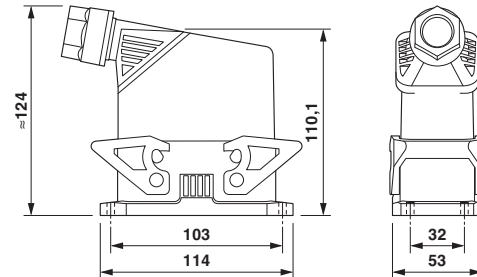
## Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

Diagram



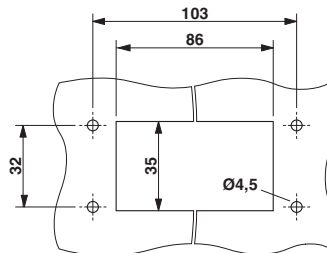
Derating diagram

Dimensional drawing



Dimensional drawing

Dimensional drawing



Panel cutout