

Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

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: 1407729, 1407730, 1407634, 1407628, 1407670

Why buy this product

- 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
- Marking label can be attached



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 777766 |
| GTIN | 404635677766 |

Technical data

General

| | |
|----------------------------------|--------------------|
| Number of positions | 10+PE |
| Type | B10 |
| Connection method | Push-in connection |
| Cable outlet | straight |
| | lateral |
| Degree of protection for housing | IP66 |
| | 12 (UL 50e) |
| Connection method | Push-in connection |

Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

Technical data

General

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

Standards and Regulations

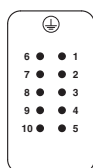
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

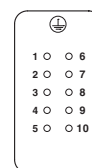
| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



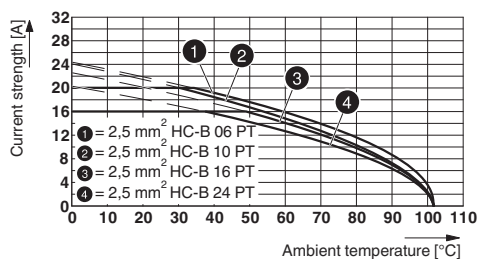
Schematic diagram



Pin assignment, connection side, pin

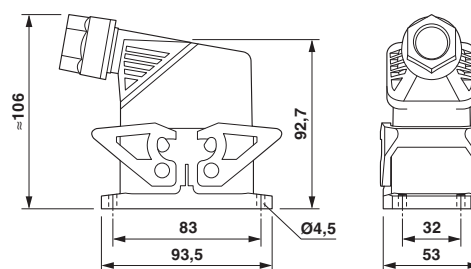
Pin assignment, connection side, socket

Diagram



Derating diagram

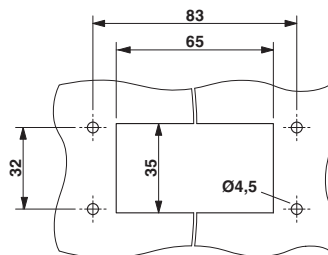
Dimensional drawing



Dimensional drawing

Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

Dimensional drawing



Mounting cutout

Articles in set

Contact insert - HC-B10-I-PT-F - 1407729



HEAVYCON socket insert, B10 series, 10 + PE-pos., push-in connection

Contact insert - HC-B10-I-PT-M - 1407730



HEAVYCON pin insert, B10 series, 10 + PE-pos., push-in connection

Housing - HC-EVO-B10-BWD-PLRBK - 1407634



HEAVYCON EVO panel mounting base, plastic, B10, with double locking latch, height: 30.5 mm, with flat gasket

Housing - HC-EVO-B10-HLFD-PLBK - 1407628



HEAVYCON EVO sleeve housing, plastic, with bayonet flange for EVO screw connection, B10, for double locking latch, height: 60.5 mm, without EVO screw connection

Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

Articles in set

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

Approvals

Approvals

Approvals

EAC / EAC / GL

Ex Approvals

Approval details

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.AI30.B.01102 |
|-----|--|--------------------------|

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | | |
|----|--|---|------------|
| GL | | http://exchange.dnv.com/tari/ | 6196614 HH |
|----|--|---|------------|

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>