

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

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>)



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

### Your advantages

- ✓ Lower costs than metal version
- ✓ 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 pc                                                                                                    |
| GTIN         | <br>4 046356 776967 |
| GTIN         | 4046356776967                                                                                           |

### Technical data

#### Dimensions

|                               |         |
|-------------------------------|---------|
| Height                        | 30.5 mm |
| Width                         | 53 mm   |
| Length                        | 93.5 mm |
| Length of the assembly cutout | 65 mm   |
| Width of the assembly cutout  | 35 mm   |

#### Ambient conditions

|                             |             |
|-----------------------------|-------------|
| Degree of protection (IP)   | IP66        |
| Degree of protection (NEMA) | 12 (UL 50e) |

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

## Technical data

### Ambient conditions

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

### General

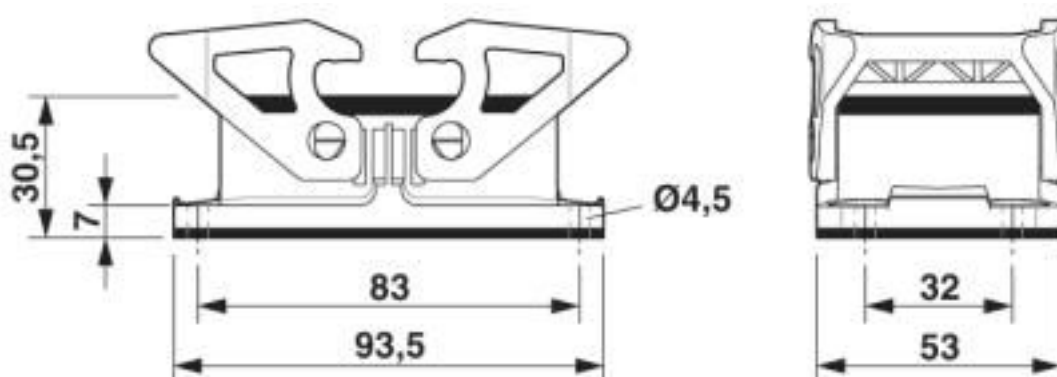
|                                        |                                                                          |
|----------------------------------------|--------------------------------------------------------------------------|
| Note                                   | For contact inserts HC-B10, BB18, DD42, M, K8/24, HV03-I-PT, HC- 3-E...C |
| Size                                   | B10                                                                      |
| Housing type                           | Panel mounting base                                                      |
| Color                                  | black                                                                    |
| Locking type                           | with double locking latch                                                |
| Torque                                 | 0.5 Nm ... 1.7 Nm (Fixing screws for panel mounting base)                |
| Screw connection                       | none                                                                     |
| Housing material                       | PA                                                                       |
| Seal material                          | NBR                                                                      |
| Material lock                          | PA                                                                       |
| Flammability rating according to UL 94 | V0 (Housing)                                                             |
|                                        | V0 (Interlock)                                                           |
| Assembly instructions                  | Not for D series terminal adapters                                       |
| Connection                             | Not for HC-B 24-ADP-B..... adapter plates                                |

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

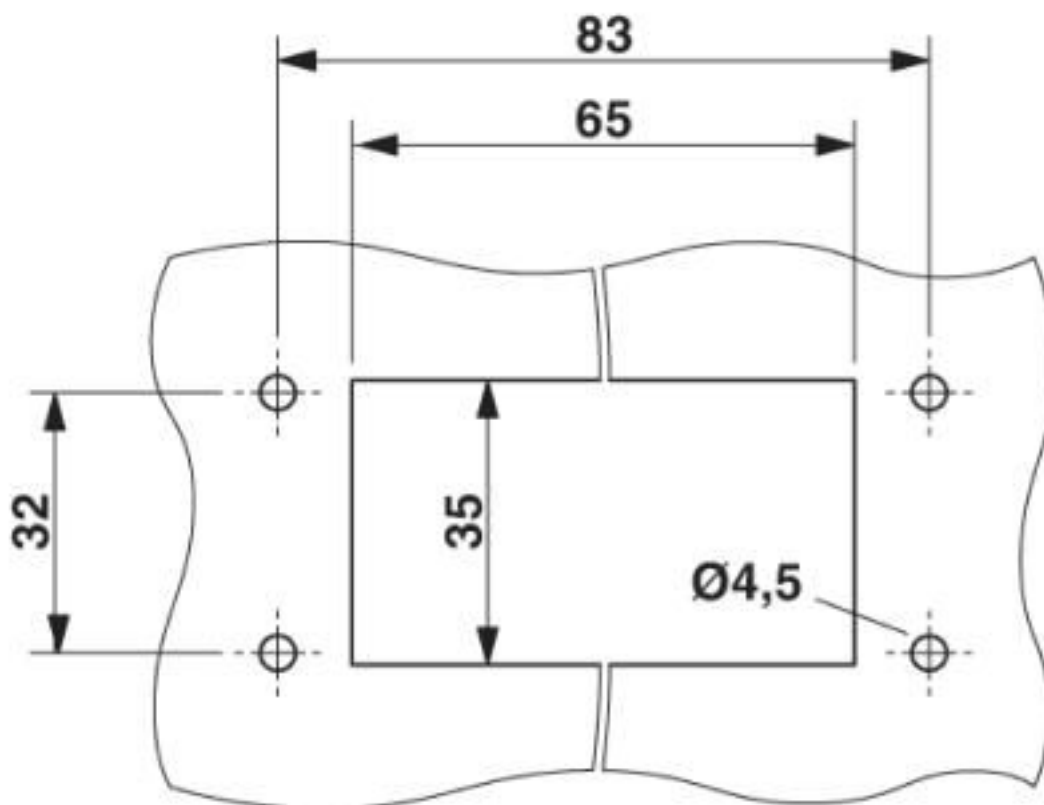
Dimensional drawing



Dimensional drawing

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

Dimensional drawing



Mounting cutout

### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440202 |
| eCl@ss 11.0   | 27440202 |
| eCl@ss 4.0    | 27140800 |
| eCl@ss 4.1    | 27140800 |
| eCl@ss 5.0    | 27143400 |
| eCl@ss 5.1    | 27261200 |
| eCl@ss 6.0    | 27261200 |
| eCl@ss 7.0    | 27440202 |
| eCl@ss 8.0    | 27440202 |
| eCl@ss 9.0    | 27440202 |

ETIM

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

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

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC000437 |
| ETIM 7.0 | EC000437 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261502 |
| UNSPSC 7.0901 | 31261502 |
| UNSPSC 11     | 31261502 |
| UNSPSC 12.01  | 31261502 |
| UNSPSC 13.2   | 31261501 |
| UNSPSC 18.0   | 31261501 |
| UNSPSC 19.0   | 31261501 |
| UNSPSC 20.0   | 31261501 |
| UNSPSC 21.0   | 31261501 |

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / DNV GL / UL Recognized / cUL Recognized / DNV GL / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|               |                                                                                     |                                                                                                                                                       |         |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E255026 |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|                |                                                                                     |                                                                                                                                                       |         |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E255026 |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|     |                                                                                     |                          |
|-----|-------------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.01102 |
|-----|-------------------------------------------------------------------------------------|--------------------------|

|        |                                                                                     |                                                                                   |            |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAE000037S |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|

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

### Approvals

|                  |                                                                                     |                                                                                                                                                       |                          |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| UL Recognized    |    | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E255026                  |
| cUL Recognized   |    | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E255026                  |
| DNV GL           |    | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>                                                                     | TAE000037S               |
| EAC              |    |                                                                                                                                                       | RU C-<br>DE.AI30.B.01102 |
| cULus Recognized |  |                                                                                                                                                       |                          |

### Accessories

#### Accessories

#### Device marking

#### Snap-in markers - US-EMP (20X9) - 0829439



Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm, Number of individual labels: 70

### Housing latches

#### Double locking latch - HC-B10-24-DL-PLBK - 1407696



Replacement double locking latch for HEAVYCON EVO housing, HC-B10/HC-B16/HC-B24, PA

### Seal

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

### Accessories

Flat gasket - HC-B10-SG-RBK - 1407703



Replacement flat gasket, for HEAVYCON EVO panel mounting base type B10

---

Profile gasket - HC-B10-SP-RBK - 1407707



Profile gasket for HEAVYCON EVO supporting base element type B10

---

Phoenix Contact 2020 © - 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>