

# HC-EVO-B16-BFDC-PLRBK - Housing

1407649

<https://www.phoenixcontact.com/us/products/1407649>



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Panel mounting base B16, for double locking latch, material: PA, protective cover material: PC, height: 30.5 mm, cable gland: none, protective cover: yes, Standard, with flat gasket

## Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1407649             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF57                |
| Product key                          | BF7APL              |
| Catalog page                         | Page 626 (C-2-2019) |
| GTIN                                 | 4046356777124       |
| Weight per piece (including packing) | 104.5 g             |
| Weight per piece (excluding packing) | 103.8 g             |
| Customs tariff number                | 85389099            |
| Country of origin                    | PL                  |

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## Technical data

### Notes

|         |  |
|---------|--|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K, HV06-I-PR, HV 6-E...C |
|---------|--|

### Product properties

|                     |                            |
|---------------------|----------------------------|
| Product type        | Housing with locking latch |
| Housing type        | Panel mounting base        |
| Product family      | HC-EVO-B                   |
| Application         | Standard                   |
| Type                | B16                        |
| Protective cover    | yes                        |
| Pg screw connection | none                       |

### Dimensions

|                     |         |
|---------------------|---------|
| Dimensional drawing |         |
| Width               | 53 mm   |
| Height              | 30.5 mm |
| Length              | 114 mm  |
| Hole diameter       | 4.5 mm  |

### Installation dimensions

|                               |       |
|-------------------------------|-------|
| Width of the assembly cutout  | 35 mm |
| Length of the assembly cutout | 86 mm |

### Material specifications

|  |                       |
|--|-----------------------|
| Flammability rating according to UL 94 | V0 (Housing)          |
|  | V0 (Protective cover) |
| Seal material                          | NBR                   |
|  | NBR                   |
| Housing material                       | PA                    |
| Material, protective cover             | PC                    |

### Mechanical properties

|                 |     |
|-----------------|-----|
| Mechanical data |     |
| Locking type    | Pin |

### Connection data

|                   |  |
|-------------------|--|
| Tightening torque | 0.8 Nm ... 1.2 Nm (For M4 mounting screws on the panel-mount base) |
|-------------------|--|

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## Mounting

|               |   |
|---------------|---|
| Assembly note | Not for D series terminal adapters<br>Not for HC-B 24-ADP-B..... adapter plates |
|---------------|---|

## Environmental and real-life conditions

### Ambient conditions

|                                 |   |
|---------------------------------|---|
| Degree of protection            | IP66 (when plugged in)<br>IP54 (with closed protective cover) |
| Enclosure rating (NEMA)         | 12 (UL 50e)   |
| Impact strength                 | IK09  |
| Ambient temperature (operation) | -40 °C ... 125 °C   |

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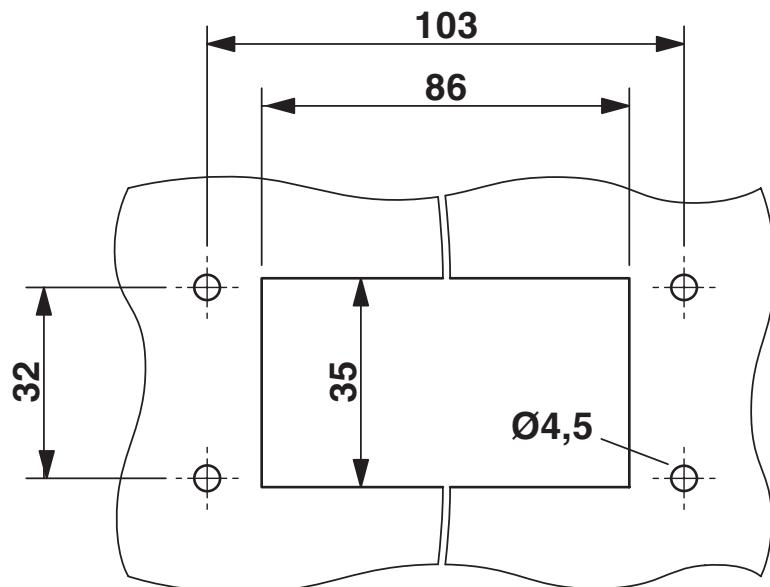


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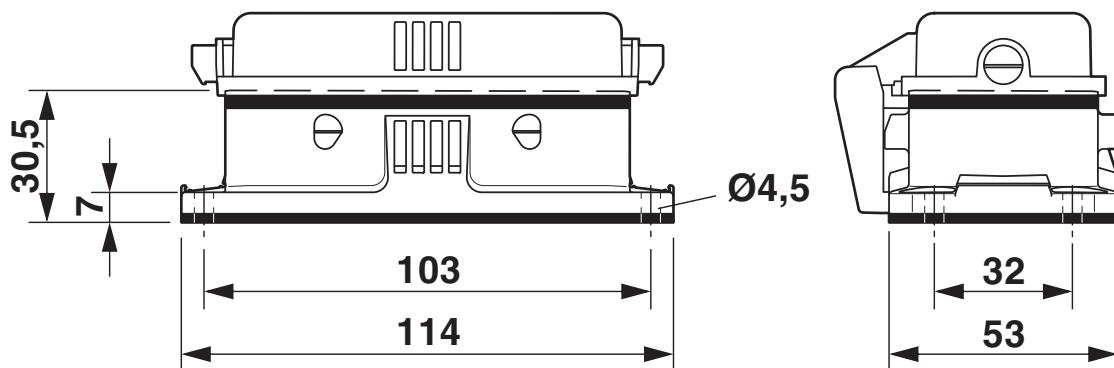
## Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing



Dimensional drawing

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1407649>

**DNV**

Approval ID: TAE000037S



**EAC**

Approval ID: RU C-DE.AI30.B.01102



**EAC**

Approval ID: RU C-DE.BL08.B.00511



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026

**cULus Recognized**

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-12.0 | 27440202 |
| ECLASS-13.0 | 27440202 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000437 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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## Accessories

### HC-B16-SP-RBK - Profile gasket

1407708

<https://www.phoenixcontact.com/us/products/1407708>

Profile gasket for HEAVYCON EVO supporting base element type B16



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### HC-B16-SG-RBK - Flat gasket

1407704

<https://www.phoenixcontact.com/us/products/1407704>

Replacement flat gasket, for HEAVYCON EVO panel mounting base type B16



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## HC-B16-BC-HI-PLBK - Protective cover

1407694

<https://www.phoenixcontact.com/us/products/1407694>

Protective cover B16, for single locking latch, protective cover material: PC, height: 19 mm, seal: no



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

0829439

<https://www.phoenixcontact.com/us/products/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, lettering field size: 20 x 9 mm, Number of individual labels: 70



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

0830028

<https://www.phoenixcontact.com/us/products/0830028>

Snap-in markers, can be ordered: by card, white, labeled according to customer specifications, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm, Number of individual labels: 70



## HC-STA-B16-DC-PL - Protective cover

1421102

<https://www.phoenixcontact.com/us/products/1421102>

Protective cover, design: B16



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