

# HC-EVO-B24-HHFD-2B-PL-BK - Housing



1411497

<https://www.phoenixcontact.com/us/products/1411497>

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Sleeve housing B24, for double locking latch, material: PA 6.6-FR, cable outlets: 2, straight/lateral, height: 87.5 mm, cable gland: none, protective cover: no, Standard

## Your advantages

- Flexible cable outlet direction, lateral or straight
- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1411497             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF57                |
| Product key                          | BF7APL              |
| Catalog page                         | Page 636 (C-2-2019) |
| GTIN                                 | 4046356933070       |
| Weight per piece (including packing) | 142.9 g             |
| Weight per piece (excluding packing) | 142.9 g             |
| Customs tariff number                | 85389099            |
| Country of origin                    | PL                  |

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## Technical data

### Notes

|         |  |
|---------|--|
| General | for contact inserts HC-B24, BB46, D64, DD108, M, K, HV10 |
|---------|--|

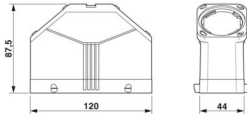
### Product properties

|                      |                            |
|----------------------|----------------------------|
| Product type         | Housing with locking latch |
| Housing type         | Sleeve housing             |
| Product family       | HC-EVO-B                   |
| Application          | Standard                   |
| Type                 | B24                        |
| No. of cable outlets | 2                          |
| Type                 | Tall design                |
| Protective cover     | no                         |
| Cable outlet         | straight                   |
| Pg screw connection  | none                       |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 02 |
|------------------|----|

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 44 mm  |
| Height              | 87.5 mm  |
| Length              | 120 mm   |

### Material specifications

|  |              |
|--|--------------|
| Flammability rating according to UL 94 | V0 (Housing) |
| Housing material                       | PA 6.6-FR    |

### Mechanical properties

#### Mechanical data

|              |     |
|--------------|-----|
| Locking type | Pin |
|--------------|-----|

### Mounting

|               |  |
|---------------|--|
| Assembly note | The sleeve base housing must be supplemented with the EVO screw connection. The EVO screw connection is available in 4 sizes. It enables the creation of a straight or a lateral cable outlet. The EVO screw connection is assembled by hand or using a pipe wrench. |
|---------------|--|

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## Environmental and real-life conditions

### Ambient conditions

|                                 |                            |
|---------------------------------|----------------------------|
| Degree of protection            | IP66                       |
| Enclosure rating (NEMA)         | 12 (UL 50e)                |
| Impact strength                 | IK09                       |
| Ambient temperature (operation) | -40 °C ... 125 °C (static) |

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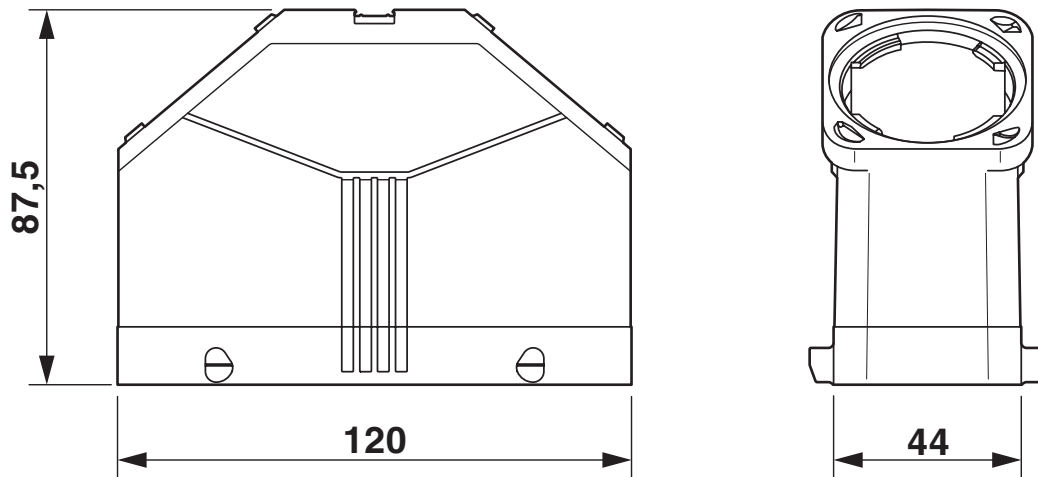
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## Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411497>

**DNV**  
Approval ID: TAE000037S

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

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

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

**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 |
|-------------|----------|

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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