

# HC-EVO-B16-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

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Sleeve housing B16, with double locking latch, material: PA 6.6-FR, cable outlets: 1, straight/lateral, height: 63 mm, cable gland: none, 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                          | 1420933       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF57          |
| Product key                          | AF7APL        |
| GTIN                                 | 4055626249322 |
| Weight per piece (including packing) | 113.9 g       |
| Weight per piece (excluding packing) | 111.21 g      |
| Customs tariff number                | 85389099      |
| Country of origin                    | PL            |

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## Technical data

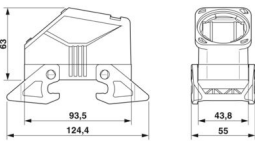
### Notes

|         |                                                             |
|---------|-------------------------------------------------------------|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K |
|---------|-------------------------------------------------------------|

### Product properties

|                      |                            |
|----------------------|----------------------------|
| Product type         | Housing with locking latch |
| Housing type         | Sleeve housing             |
| Product family       | HC-EVO-B                   |
| Application          | Standard                   |
| Type                 | B16                        |
| No. of cable outlets | 1                          |
| Shielded             | no                         |
| Cable outlet         | straight                   |
| Pg screw connection  | none                       |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 43.8 mm                                                                              |
| Height              | 63 mm                                                                                |
| Length              | 93.5 mm                                                                              |

### Material specifications

|                                        |                                |
|----------------------------------------|--------------------------------|
| Flammability rating according to UL 94 | V0 (Housing)<br>V0 (Interlock) |
| Housing material                       | PA 6.6-FR                      |
| Locking latch material                 | PA                             |

### Mechanical properties

#### Mechanical data

|              |       |
|--------------|-------|
| Locking type | Latch |
|--------------|-------|

### Mounting

|               |                                                                                                                                                                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | The sleeve base housing must be supplemented with the EVO screw connection. The EVO screw connection is available in four sizes. It facilitates the creation of a straight or a side cable outlet. The EVO screw connection is mounted with the aid of, for example, a pipe wrench |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Environmental and real-life conditions

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## Ambient conditions

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

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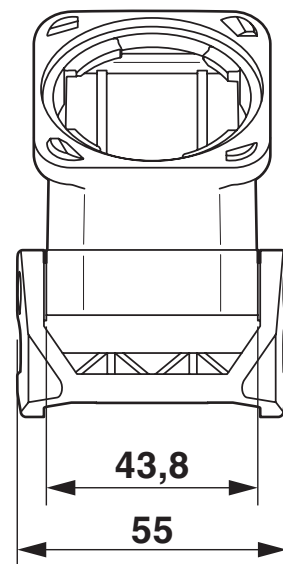
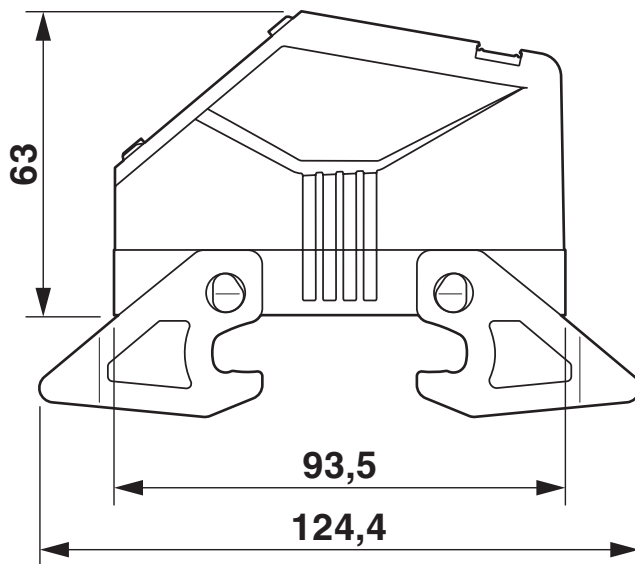
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420933>

**DNV**

Approval ID: TAE000037S



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026



**EAC**

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | 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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