

# HC-EVO-B10-HLFD-EL-AL - Housing



1411455

<https://www.phoenixcontact.com/us/products/1411455>

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HEAVYCON EVO sleeve housing, EMC version, without powder coating, with bayonet flange for EVO screw connection, B10, for double locking latch, height: 64 mm, without EVO screw connection.

## Your advantages

- Flexible cable outlet direction, lateral or straight

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1411455       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF57          |
| Product key                          | AF7APM        |
| GTIN                                 | 4046356932622 |
| Weight per piece (including packing) | 146 g         |
| Weight per piece (excluding packing) | 140.85 g      |
| Customs tariff number                | 85389099      |
| Country of origin                    | DE            |

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## Technical data

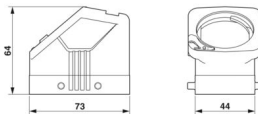
### Notes

|         |                                                  |
|---------|--------------------------------------------------|
| General | For contact inserts HC-B10, BB18, DD42, M, K8/24 |
|---------|--------------------------------------------------|

### Product properties

|                      |                            |
|----------------------|----------------------------|
| Product type         | Housing with locking latch |
| Housing type         | Sleeve housing             |
| Application          | Standard                   |
| Type                 | B10                        |
| No. of cable outlets | 1                          |
| Cable outlet         | straight                   |
| Pg screw connection  | none                       |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 44 mm                                                                                |
| Height              | 64 mm                                                                                |
| Length              | 73 mm                                                                                |

### Material specifications

|                          |                                         |
|--------------------------|-----------------------------------------|
| Housing material         | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated                                |

### 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. |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Environmental and real-life conditions

#### Ambient conditions

|                      |            |
|----------------------|------------|
| Degree of protection | IP66       |
|                      | IP67       |
|                      | 4 (UL 50e) |

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|                                 |                   |
|---------------------------------|-------------------|
| Enclosure rating (NEMA)         | 4X (UL 50e)       |
|                                 | 12 (UL 50e)       |
| Impact strength                 | IK09              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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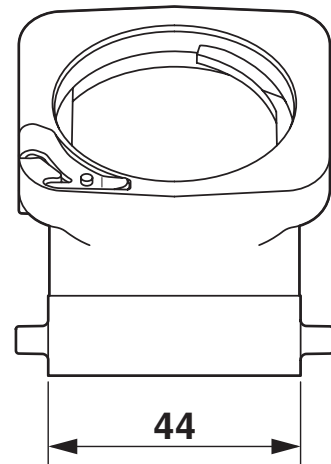
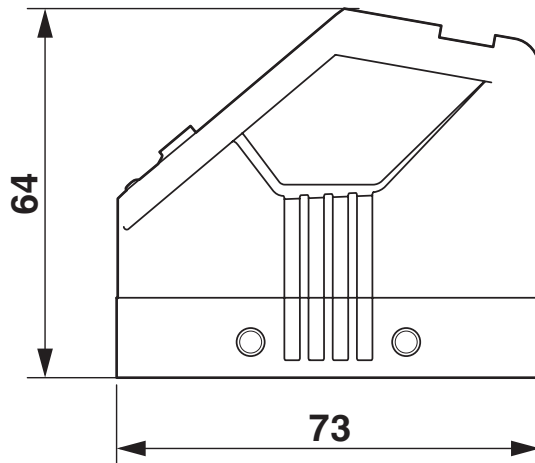
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411455>

### 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 |
|-------------|----------|

## 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 1.819 kg CO2e |
|---------|---------------|