# HC-ADV-B16-HLWH-BLANK-ELC-AL - Housing

1420053

https://www.phoenixcontact.com/us/products/1420053

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Sleeve housing B16, with screw locking, material: Die-cast aluminum, salt water resistant, variable, height: 74 mm, cable gland: none, Offshore/EMC, Without thread opening for screw connection, conductive seal (EMC properties)

## Commercial data

| | |
|---|---|
| Item number | 1420053 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF58 |
| Product key | AF7APH |
| GTIN | 4055626201481 |
| Weight per piece (including packing) | 279.7 g |
| Weight per piece (excluding packing) | 279.7 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

## Technical data

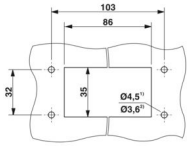
### Product properties

| | |
|---|---|
| Product type | Housing with screw locking |
| Housing type | Sleeve housing |
| Product family | HC-ADV |
| Application | Offshore/EMC |
| Type | B16 |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| Shielded | yes |
| Cable outlet | variable |
| Pg screw connection | none |

### Connection data

| | |
|---|---|
| Tightening torque | 3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing) |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 57 mm |
| Height | 74 mm |
| Length | 125.4 mm |

Installation dimensions

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

### Material specifications

| | |
|---|---|
| Material grommet GRP | NBR, conductive |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Locking latch material | Stainless steel |

### Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 |
| | IP68 (0.2 bar/24 h) |
| | IP69 (ISO 20653:2013-02) |
| Enclosure rating (NEMA) | 4 (UL 50e) |
| | 4X (UL 50e) |

| | |
|---|---|
| | 12 (UL 50e) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

## Mechanical properties

Mechanical data

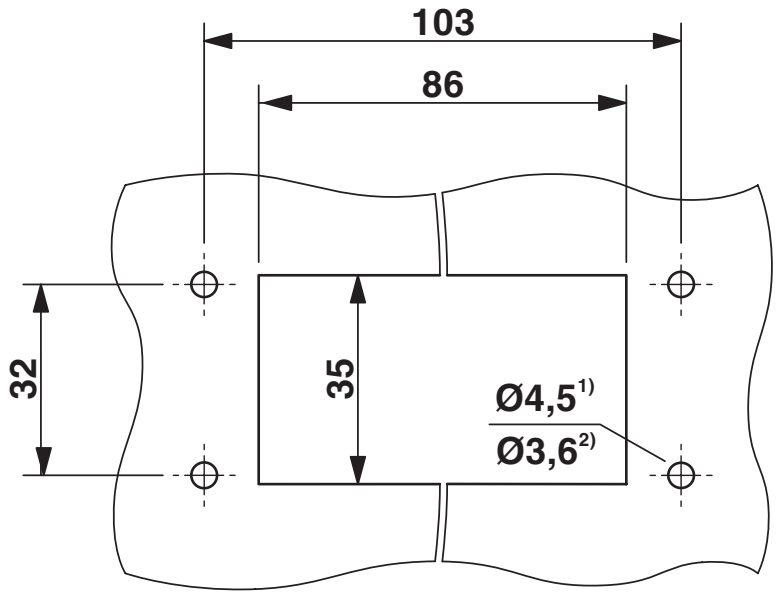
| | |
|---|---|
| Locking type | Screw |

## Mounting

| | |
|---|---|
| Assembly note | In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel. |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |

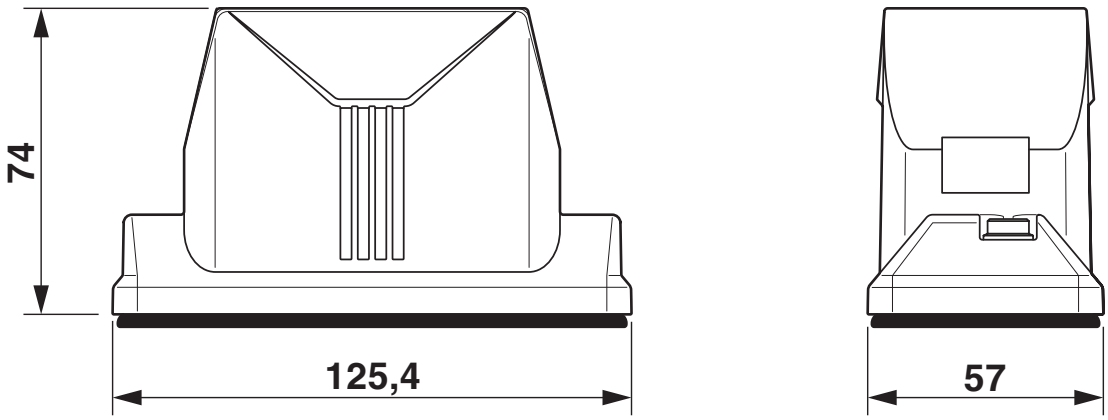
## Drawings

Dimensional drawing




Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Dimensional drawing




Dimensional drawing

## Classifications

### ECLASS

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