

# HC-ADV-B10-HHWH-1STM25-EMC-AL - Housing



1413401

<https://www.phoenixcontact.com/us/products/1413401>

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HEAVYCON ADVANCE sleeve housing, B10, with stainless steel screw locking (Allen screw), salt-water-resistant aluminum, height 93.7 mm, with 1x M25 thread, lateral cable outlet, without surface; conductive seal (EMC properties)

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1413401       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF58          |
| Product key                          | AF7APH        |
| GTIN                                 | 4055626030357 |
| Weight per piece (including packing) | 272 g         |
| Weight per piece (excluding packing) | 263.3 g       |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

### Notes

|                             |  |
|-----------------------------|--|
| Notes on the product family | For contact inserts HC-B10, BB18, DD42, M, K8/24             |
| Note on application         | compatible with module carrier frames with click-in function |

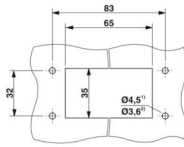
### Product properties

|                              |                                   |
|------------------------------|-----------------------------------|
| Product type                 | Housing with screw locking        |
| Housing type                 | Sleeve housing                    |
| Product family               | HC-ADV                            |
| Application                  | Offshore/EMC                      |
| Type                         | B10                               |
| No. of cable outlets         | 1                                 |
| Type of the screw connection | 1x M25                            |
| Fixing screws                | M6 (screw head: 5 mm Allen screw) |
| Cable outlet                 | lateral                           |
| 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              | 93.7 mm  |
| Length              | 105 mm   |

### Installation dimensions

|                               |       |
|-------------------------------|-------|
| Width of the assembly cutout  | 35 mm |
| Length of the assembly cutout | 65 mm |

### Material specifications

|                          |   |
|--------------------------|---|
| Seal material            | 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

|      |
|------|
| IP66 |
|------|

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|                                 |                          |
|---------------------------------|--------------------------|
| Degree of protection            | 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

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 1x M25 |
| Locking type                 | Screw  |

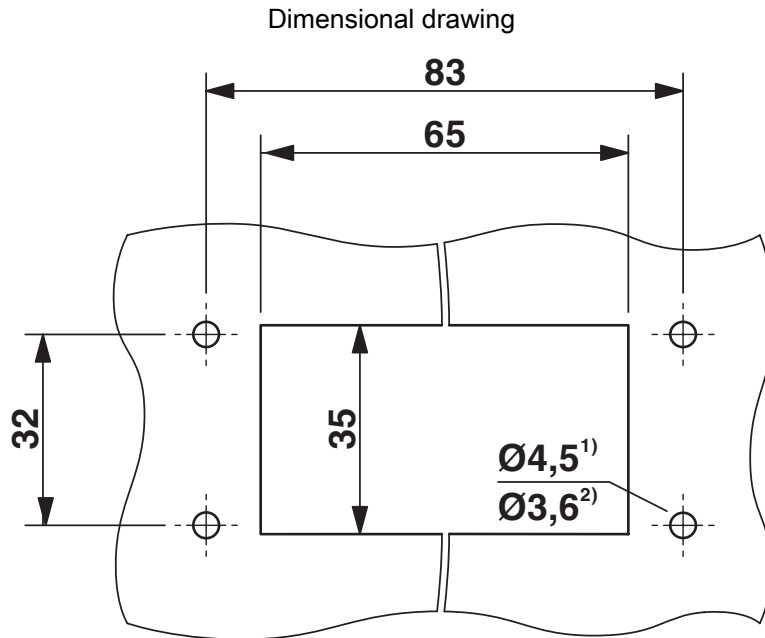
## Mounting

|               |  |
|---------------|--|
| 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)  |

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## Drawings

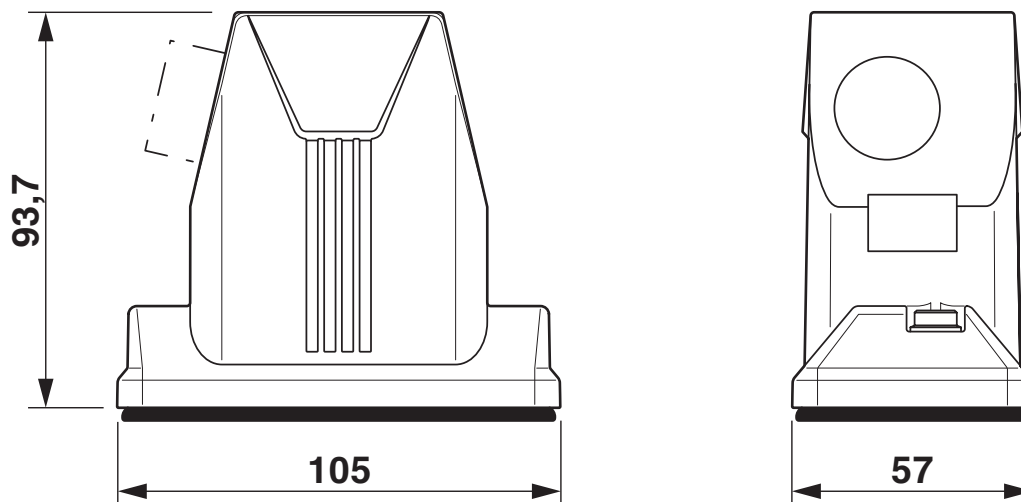


Mounting cutout

1) when M4 screws are used

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

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1413401>

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

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 4.668 kg CO2e |
|---------|---------------|

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