# HC-STA-B10-SLFDC-2SSM25-ELC-AL - Housing

1412831

https://www.phoenixcontact.com/us/products/1412831

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Surface mounting housing B10, for double locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, cable outlets: 2, lateral, 2x M25, height: 54 mm, cable gland: none, protective cover: yes, Standard

## Your advantages

- Good shielding in the event of electromagnetic interference

## Commercial data

| | |
|---|---|
| Item number | 1412831 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APB |
| GTIN | 4055626060903 |
| Weight per piece (including packing) | 207.1 g |
| Weight per piece (excluding packing) | 206 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

## Technical data

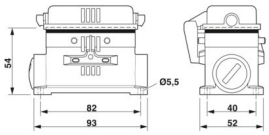
### Notes

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

### Product properties

| | |
|---|---|
| Product type | Housing with locking latch |
| Housing type | Surface mounting housing |
| Application | Standard |
| Type | B10 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x M25 |
| Protective cover | yes |
| Cable outlet | lateral |
| Pg screw connection | none |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 52 mm |
| Height | 54 mm |
| Length | 92 mm |
| Hole diameter | 5.5 mm |

### Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 (Protective cover) |
| Seal material | NBR, conductive (profile gasket) |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Material, protective cover | PC |

### Mechanical properties

Mechanical data

| | |
|---|---|
| Type of the screw connection | 2x M25 |
| Locking type | Pin |

### Connection data

| | |
|---|---|
| Tightening torque | 2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing) |

### Mounting

| | |
|---|---|
| Assembly note | One opening is sealed with a plastic filler plug and can be opened using a screwdriver. |

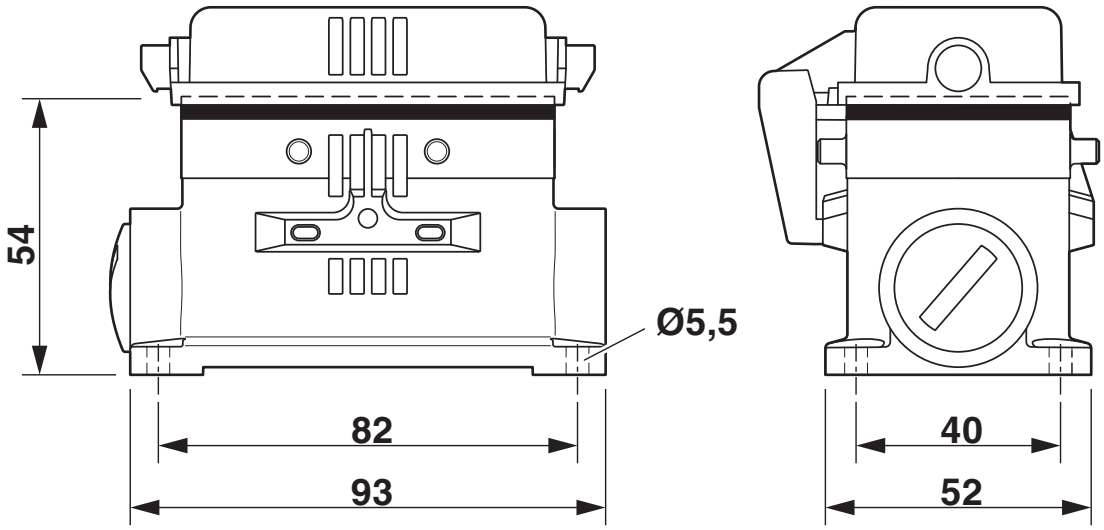
## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 (when plugged in) |
| | IP67 (when plugged in) |
| | IP54 (with closed protective cover) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1412831

**DNV**
Approval ID: TAE000037S

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

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

## 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% |

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