# HC-ADV-B24-HLWH-1STM25-MF-BK - Housing

1420928

https://www.phoenixcontact.com/us/products/1420928

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Sleeve housing B24, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M25, height: 74 mm, cable gland: none, increased environmental requirements

## Commercial data

| | |
|---|---|
| Item number | 1420928 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF58 |
| Product key | AF7API |
| GTIN | 4055626249278 |
| Weight per piece (including packing) | 337.4 g |
| Weight per piece (excluding packing) | 337 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

## Technical data

### Notes

| | |
|---|---|
| General | for contact inserts HC-B24, BB46, D64, DD108, HV10/16, M |

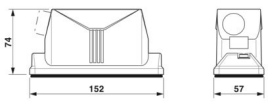
### Product properties

| | |
|---|---|
| Product type | Housing with screw locking |
| Housing type | Sleeve housing |
| Product family | HC-ADV |
| Application | increased environmental requirements |
| Type | B24 |
| No. of cable outlets | 1 |
| Type of the screw connection | 1x M25 |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| Shielded | no |
| 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 | 74 mm |
| Length | 152 mm |

Installation dimensions

| | |
|---|---|
| Width of the assembly cutout | 35 mm |
| Length of the assembly cutout | 112 mm |

### Material specifications

| | |
|---|---|
| Material grommet GRP | Viton |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | Powder-coated, black |
| Locking latch material | Stainless steel |

### Environmental and real-life conditions

Ambient conditions

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

| | |
|---|---|
| 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

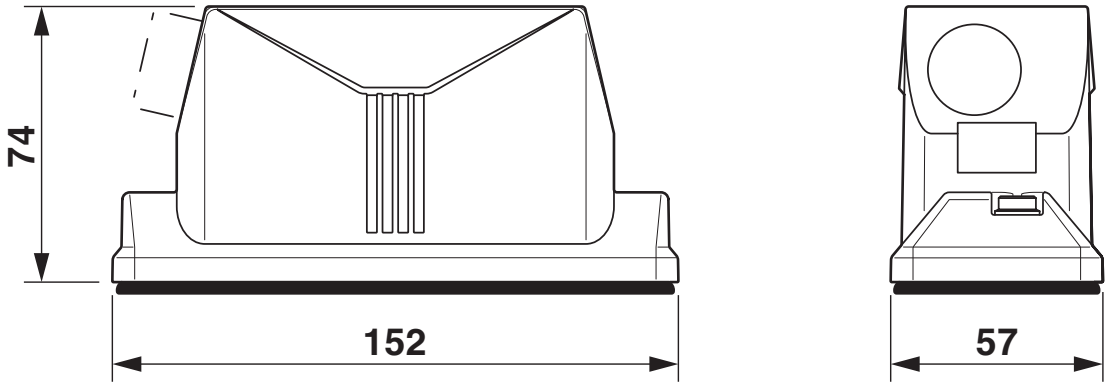
| | |
|---|---|
| Type of the screw connection | 1x M25 |
| Locking type | Screw |

## Mounting

| | |
|---|---|
| Fixing screws | M6 (screw head: 5 mm Allen screw) |

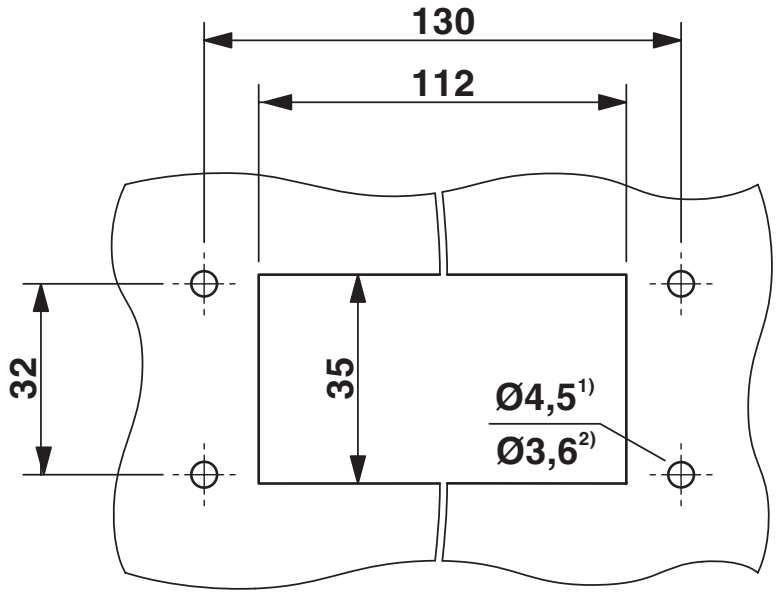
## Drawings

Dimensional drawing




Dimensional drawing

Dimensional drawing




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

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1420928

**DNV**
Approval ID: TAE000037S

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

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

## Classifications

### ECLASS

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