

# HC-ADV-B24-HHWH-1TTM25-MF-BK - Housing



1420925

<https://www.phoenixcontact.com/us/products/1420925>

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Sleeve housing B24, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x M25, height: 93.7 mm, cable gland: none, increased environmental requirements

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1420925       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF58          |
| Product key                          | AF7API        |
| GTIN                                 | 4055626249247 |
| Weight per piece (including packing) | 390.05 g      |
| Weight per piece (excluding packing) | 22.22 g       |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

## Technical data

### Notes

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

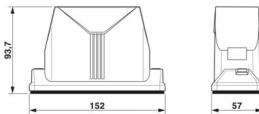
### Product properties

|                              |                                      |
|------------------------------|--------------------------------------|
| 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                 | straight                             |
| 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              | 152 mm   |

### Installation dimensions

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

### Material specifications

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

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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

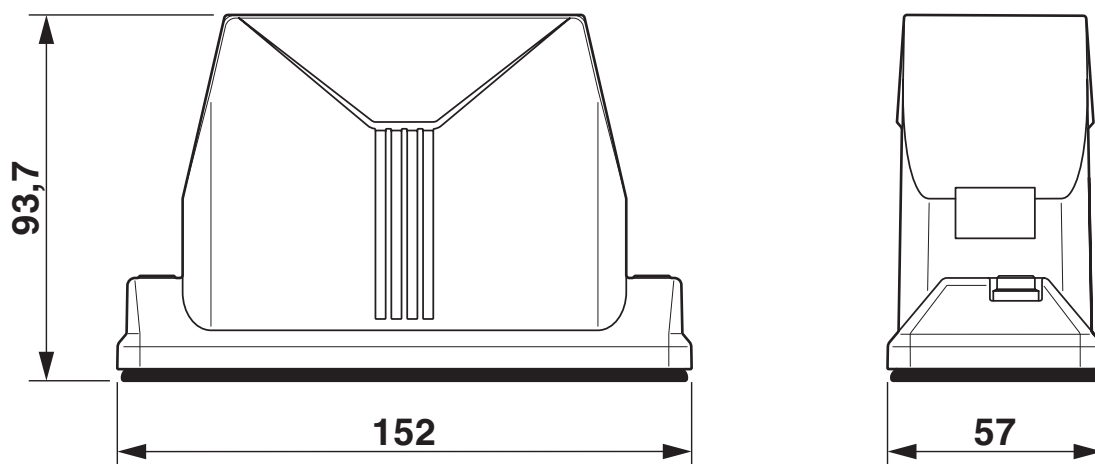
|                              |        |
|------------------------------|--------|
| Type of the screw connection | 1x M25 |
| Locking type                 | Screw  |

## Mounting

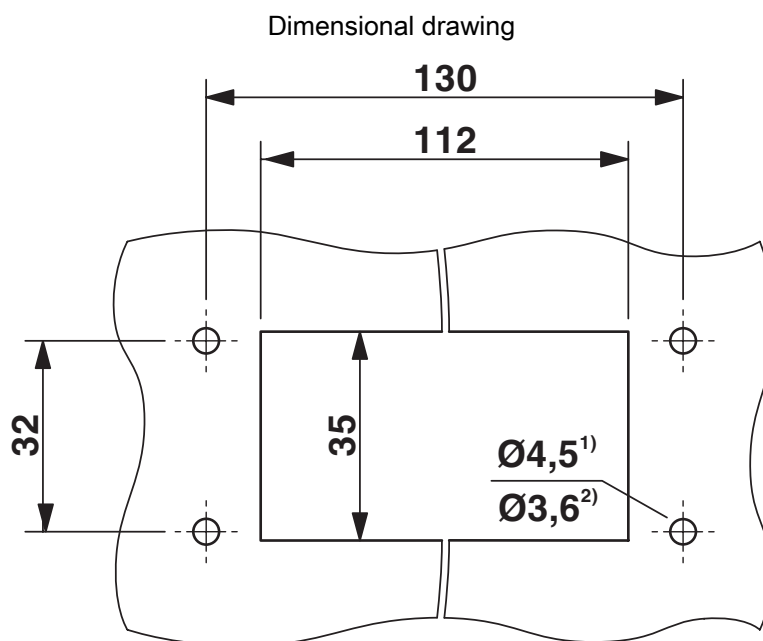
|               |                                   |
|---------------|-----------------------------------|
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
|---------------|-----------------------------------|

## Drawings

Dimensional drawing



Dimensional drawing



### Mounting cutout

1) when M4 screws are used

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

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420925>

### 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 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)