

# HC-ADV-B24-1TM32-1SM25-EMC-PS - Housing



1423228

<https://www.phoenixcontact.com/us/products/1423228>

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Sleeve housing B24, Screw locking mechanism, material: Die-cast aluminum, salt water resistant, cable outlets: 2, straight, lateral, 1x M32 / 1x M25, height: 93.7 mm, cable gland: none, Offshore/EMC

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1423228                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 50 pc                          |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF58                           |
| Product key                          | BF7APH                         |
| GTIN                                 | 4055626327907                  |
| Weight per piece (including packing) | 375 g                          |
| Weight per piece (excluding packing) | 375 g                          |
| Customs tariff number                | 85389099                       |
| Country of origin                    | PL                             |

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## Technical data

### Notes

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

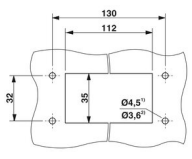
### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Type                         | B24                        |
| Product type                 | Housing with screw locking |
| Application                  | Offshore/EMC               |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 1x M32 / 1x M25            |
| Fixing screws                | M6 (screw head: Pozidrive) |
| Housing type                 | Sleeve housing             |
| Shielded                     | yes                        |
| Cable outlet                 | straight, 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              | 152 mm   |

### Installation dimensions

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

### Material specifications

|                          |   |
|--------------------------|---|
| Seal material            | NBR, conductive                         |
| Housing surface material | uncoated                                |
| Locking latch material   | Stainless steel                         |
| Impact strength          | IK09                                    |
| Housing material         | Die-cast aluminum, salt water resistant |

### Environmental and real-life conditions

#### Ambient conditions

|                      |      |
|----------------------|------|
| Degree of protection | IP66 |
|----------------------|------|

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|                                 |                     |
|---------------------------------|---------------------|
|                                 | IP68 (0.2 bar/24 h) |
| Enclosure rating (NEMA)         | 4 (NEMA 250)        |
|                                 | 4X (NEMA 250)       |
|                                 | 6P (NEMA 250)       |
|                                 | 12 (NEMA 250)       |
| Impact strength                 | IK09                |
| Ambient temperature (operation) | -40 °C ... 125 °C   |

## Mechanical properties

### Mechanical data

|                              |                 |
|------------------------------|-----------------|
| Type of the screw connection | 1x M32 / 1x M25 |
|------------------------------|-----------------|

## Mounting

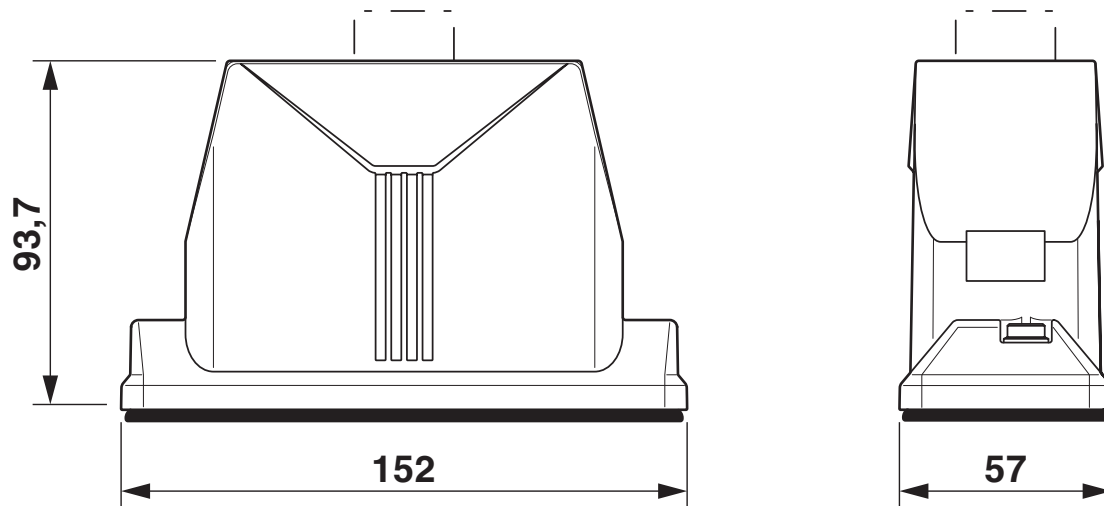
|                       |  |
|-----------------------|--|
| Assembly instructions | M6 locking screw, with Pozidrive head  |
|                       | To ensure optimum shielding, any insulating power coating must be removed from the profile gasket area on the control cabinet panel. Tightening torque of locking screw: 3 Nm. |
| Fixing screws         | M6 (screw head: Pozidrive)   |

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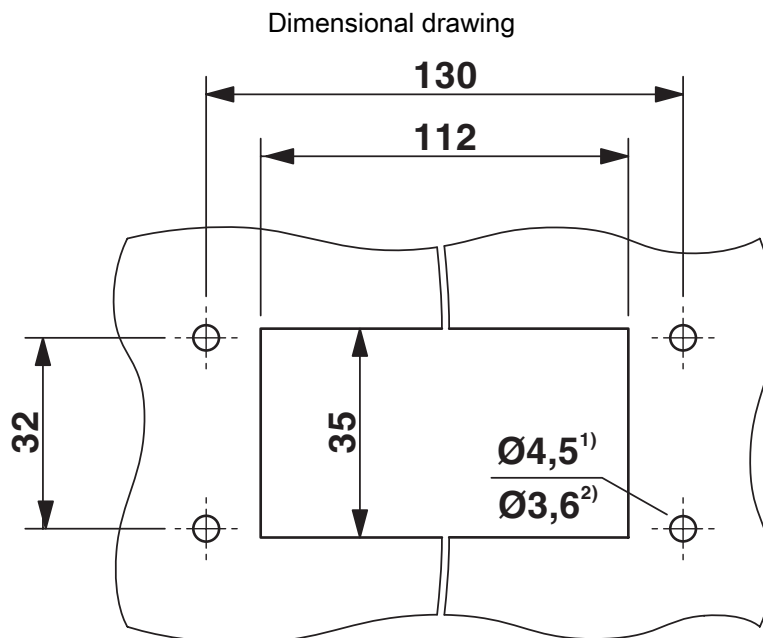
<https://www.phoenixcontact.com/us/products/1423228>

## 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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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-13.0 | 27440202 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC000437 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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## Accessories

### HC-B-AF - Panel-mount flange

1686533

<https://www.phoenixcontact.com/us/products/1686533>



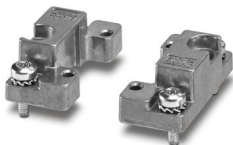
Panel-mount flange for HEAVYCON ADVANCE housing

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### HC-B-AF-SET - Panel-mount flange

1604638

<https://www.phoenixcontact.com/us/products/1604638>



Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of: 2 panel-mount flanges with 4 self-tapping screws (M4, Torx<sup>®</sup>) and 4 fan-type washers

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## HC-B 24-TMS-SD-IP50 - Protective cover

1690765

<https://www.phoenixcontact.com/us/products/1690765>



Protective cover B24, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

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## HC-B 24-TMS-SD-IP66 - Protective cover

1411520

<https://www.phoenixcontact.com/us/products/1411520>



HEAVYCON ADVANCE, IP66, B24 protective cover for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm



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## G-INS-M25-M68N-NNES-S - Cable gland

1411165

<https://www.phoenixcontact.com/us/products/1411165>



Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

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## G-INSEC-M25-S68N-NCRS-S - Cable gland

1411190

<https://www.phoenixcontact.com/us/products/1411190>



Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 11 mm ... 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

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## G-INS-M32-M68N-NNES-S - Cable gland

1411166

<https://www.phoenixcontact.com/us/products/1411166>



Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

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## G-INSEC-M32-M68N-NCRS-S - Cable gland

1411191

<https://www.phoenixcontact.com/us/products/1411191>



Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 14 mm ... 21 mm, shielding: yes, connecting thread: M32 x 1.5, color: silver, with O-ring

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## US-EMLP (20X9) CUS - Plastic label

0830085

<https://www.phoenixcontact.com/us/products/0830085>

Plastic label, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 75



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## HC-B-TMS-ERSSCHR - Screw

1584198

<https://www.phoenixcontact.com/us/products/1584198>

Replacement locking screw, M6, stainless steel, for HEAVYCON ADVANCE housing type HC-B...TMS...STA, head: Pozidrive



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## SF-BIT-HEXB 5-89 - Screw insert

1208911

<https://www.phoenixcontact.com/us/products/1208911>



Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173

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## SF-M BH - Screwdriver

1212070

<https://www.phoenixcontact.com/us/products/1212070>



Bit screwdriver, with 1/4" quick-action chuck, handle length 119 mm, 2-component handle, with non-slip grip, suitable for bits according to DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic

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