

# HC-STA-B24-SLFDC-2SSM32-ELC-AL - Housing



1412870

<https://www.phoenixcontact.com/us/products/1412870>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Surface mounting housing B24, for double locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, cable outlets: 2, lateral, 2x M32, height: 68 mm, cable gland: none, protective cover: yes, Standard

## Your advantages

- Good shielding in the event of electromagnetic interference

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1412870       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APB        |
| GTIN                                 | 4055626061191 |
| Weight per piece (including packing) | 349.8 g       |
| Weight per piece (excluding packing) | 349 g         |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

1412870

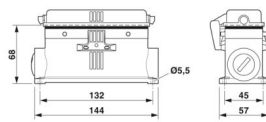
<https://www.phoenixcontact.com/us/products/1412870>

## Technical data

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Surface mounting housing   |
| Application                  | Standard                   |
| Type                         | B24                        |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M32                     |
| Protective cover             | yes                        |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Dimensions

|                     |   |
|---------------------|---|
| Dimensional drawing |  |
| Width               | 57 mm   |
| Height              | 68 mm   |
| Length              | 144 mm  |
| Hole diameter       | 5.5 mm  |

### Material specifications

|  |   |
|--|---|
| Flammability rating according to UL 94 | V0 (Protective cover)                   |
| Seal material                          | NBR, conductive                         |
| 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 M32 |
| 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. |
|---------------|---|

1412870

<https://www.phoenixcontact.com/us/products/1412870>

## 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                   |

# HC-STA-B24-SLFDC-2SSM32-ELC-AL - Housing

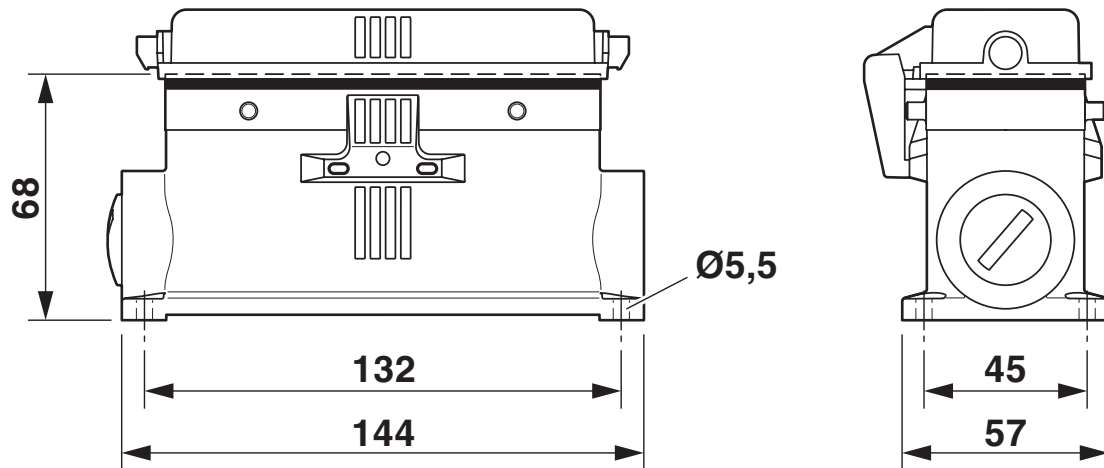


1412870

<https://www.phoenixcontact.com/us/products/1412870>

## Drawings

Dimensional drawing



Dimensional drawing

1412870

<https://www.phoenixcontact.com/us/products/1412870>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1412870>

**DNV**

Approval ID: TAE000037S

**ENEC**

**EAC**

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

1412870

<https://www.phoenixcontact.com/us/products/1412870>

## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000437 |
|-----------|----------|

### UNSPSC

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

1412870

<https://www.phoenixcontact.com/us/products/1412870>

## 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 | 6.433 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

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