

# HC-STA-B48-BWSC-EMC-AL - Housing



1424864

<https://www.phoenixcontact.com/us/products/1424864>

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Panel mounting base B48, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PA, height: 39.4 mm, cable gland: none, protective cover: yes, Standard, with flat gasket

## Your advantages

- Good shielding in the event of electromagnetic interference

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1424864       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APB        |
| GTIN                                 | 4055626382692 |
| Weight per piece (including packing) | 622 g         |
| Weight per piece (excluding packing) | 622 g         |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

1424864

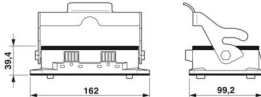
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## Technical data

### Product properties

|                     |                            |
|---------------------|----------------------------|
| Product type        | Housing with locking latch |
| Housing type        | Panel mounting base        |
| Application         | Standard                   |
| Type                | B48                        |
| Protective cover    | yes                        |
| Pg screw connection | none                       |

### Dimensions

|                                 |                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------|
| Dimensional drawing             |  |
| Width                           | 99.2 mm                                                                            |
| Height                          | 39.4 mm                                                                            |
| Length                          | 162 mm                                                                             |
| Drill hole distance, horizontal | 148 mm                                                                             |
| Drill hole distance, vertical   | 70 mm                                                                              |
| Hole diameter                   | 6.5 mm                                                                             |

### Installation dimensions

|                               |        |
|-------------------------------|--------|
| Width of the assembly cutout  | 81 mm  |
| Length of the assembly cutout | 117 mm |

### Material specifications

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Flammability rating according to UL 94 | V0 (Interlock)                          |
|                                        | V0 (Protective cover)                   |
| Seal material                          | NBR, conductive                         |
|                                        | NBR, conductive                         |
| Housing material                       | Die-cast aluminum, salt water resistant |
| Housing surface material               | uncoated                                |
| Material, protective cover             | PA                                      |
| Locking latch material                 | Stainless steel                         |

### Mechanical properties

#### Mechanical data

|              |       |
|--------------|-------|
| Locking type | Latch |
|--------------|-------|

### Connection data

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Tightening torque | 3 Nm ... 5 Nm (For M6 mounting screws on the panel-mount base) |
|-------------------|----------------------------------------------------------------|

1424864

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## Environmental and real-life conditions

### Ambient conditions

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Degree of protection            | IP66 (with locked protective cover) |
|                                 | IP67 (when plugged in)              |
| Enclosure rating (NEMA)         | 4 (UL 50e)                          |
|                                 | 4X (UL 50e)                         |
|                                 | 12 (UL 50e)                         |
| Impact strength                 | IK08                                |
| Ambient temperature (operation) | -40 °C ... 125 °C                   |

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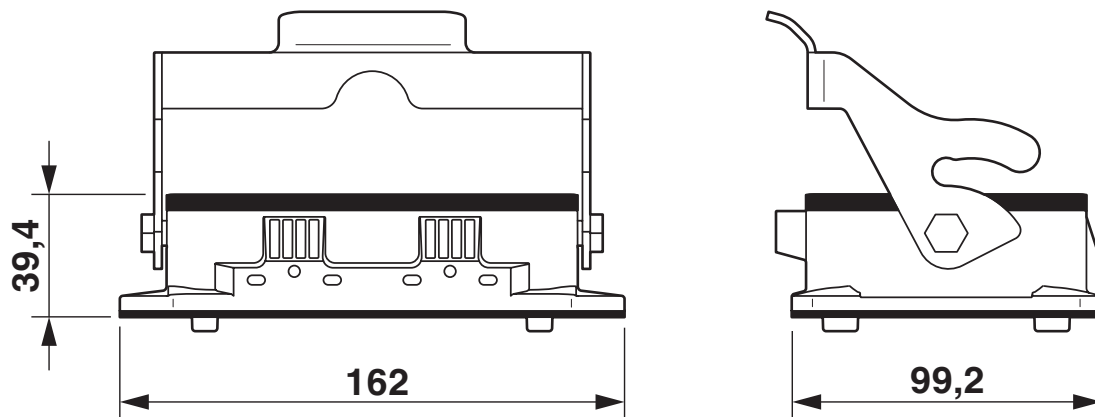
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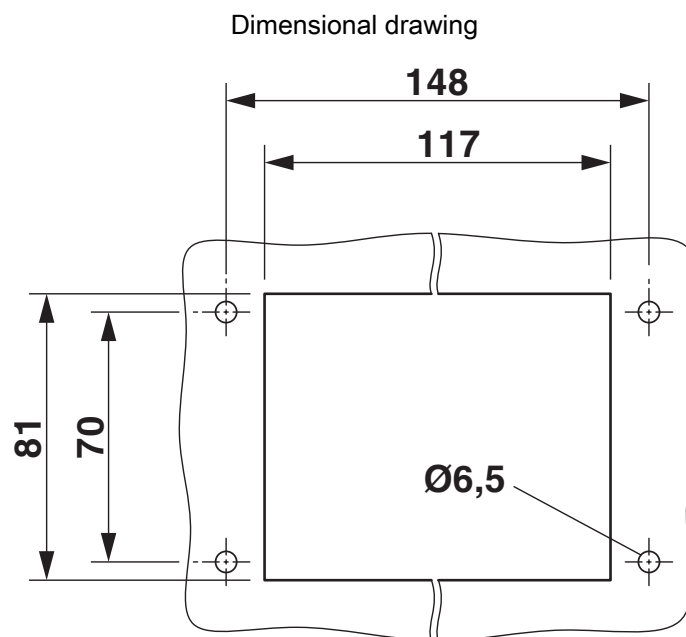


## Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424864>

**DNV**

Approval ID: TAE000037S



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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## 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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