

# HC-EVO-B24-SHWD-2SSM25-PLRBK - Housing



1421461

<https://www.phoenixcontact.com/pc/products/1421461>

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Box mounting bases B24, with double locking latch, material: PA, cable outlets: 2, lateral, 2x M25, height: 84 mm, cable gland: none, Standard, including 2x reducing adapter

## Your advantages

- Flexible cable outlet direction, lateral or straight
- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1421461             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Product key                          | BF7APL              |
| Catalog page                         | Page 636 (C-2-2019) |
| GTIN                                 | 4055626265049       |
| Weight per piece (including packing) | 244.4 g             |
| Weight per piece (excluding packing) | 241.605 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, M, K, HV10-I-PT, HV 10-E...C |
|---------|----------------------------------------------------------------------------|

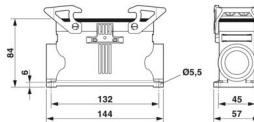
### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Box mounting bases         |
| Product family               | HC-EVO-B                   |
| Application                  | Standard                   |
| Type                         | B24                        |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M25                     |
| Type                         | Tall design                |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 02 |
|------------------|----|

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 57 mm                                                                                |
| Height              | 84 mm                                                                                |
| Length              | 144 mm                                                                               |
| Hole diameter       | 5.5 mm                                                                               |

### Material specifications

|                                        |                                |
|----------------------------------------|--------------------------------|
| Flammability rating according to UL 94 | V0 (Housing)<br>V0 (Interlock) |
| Seal material                          | NBR                            |
| Housing material                       | PA                             |
| Locking latch material                 | PA                             |

### Mechanical properties

#### Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 2x M25 |
| Locking type                 | Latch  |

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## Connection data

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Tightening torque | 2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing) |
|-------------------|---------------------------------------------------------------------|

## Mounting

|               |                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------|
| Assembly note | Two plastic reductions M40 to M25 are provided                                                          |
|               | One of the two openings for the screw connections is sealed but can be broken open using a screwdriver. |

## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
| Enclosure rating (NEMA)         | 12 (UL 50e)       |
| Impact strength                 | IK09              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

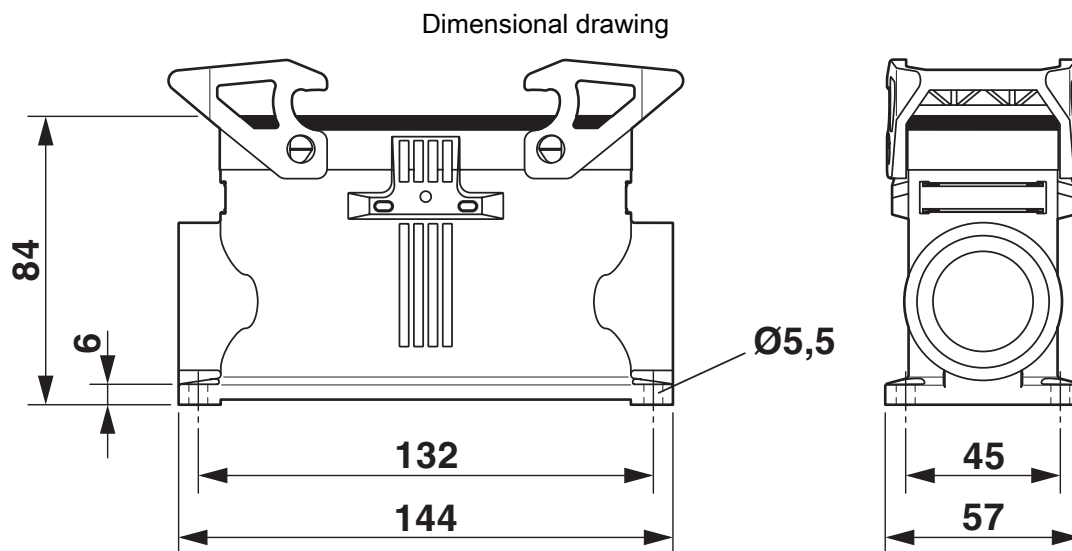
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## Drawings



Dimensional drawing

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1421461>



**DNV**  
Approval ID: TAE000037S



**cUL Recognized**  
Approval ID: E255026



**UL Recognized**  
Approval ID: E255026



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



**EAC**  
Approval ID: RU C-DE.BL08.B.00511

**cULus Recognized**

Classifications

ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-12.0 | 27440202 |
| ECLASS-13.0 | 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%               |