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

1421459

https://www.phoenixcontact.com/us/products/1421459

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Surface mounting housing B24, with single locking latch, material: PA 6.6-FR, cable outlets: 2, lateral, 2x M25, height: 84 mm, cable gland: none, Standard, including 2x reducing adapter

## Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

| | |
|---|---|
| Item number | 1421459 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF57 |
| Product key | AF7APL |
| GTIN | 4055626265025 |
| Weight per piece (including packing) | 246.4 g |
| Weight per piece (excluding packing) | 246.4 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

# Technical data

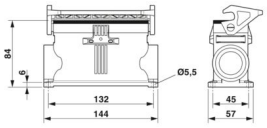
## Notes

| | |
|---|---|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K, HV06-I-PR, HV 6-E...C |

## Product properties

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

## 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) |
| | V0 (Interlock) |
| Seal material | NBR (profile gasket) |
| Housing material | PA 6.6-FR |
| Locking latch material | PA |

## Mechanical properties

Mechanical data

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

## 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. |

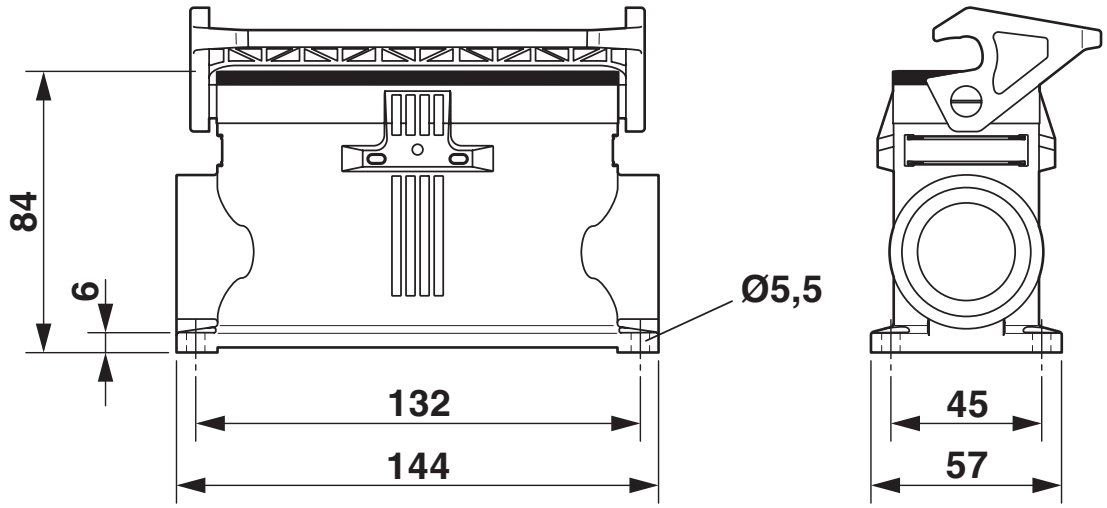
## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 |
| Enclosure rating (NEMA) | 12 (UL 50e) |
| Impact strength | IK08 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1421459

**DNV**
Approval ID: TAE000037S

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

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

## Classifications

### ECLASS

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

### ETIM

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