

# HC-B 24-SMLD-67/M2M25 - Housing

1586963

<https://www.phoenixcontact.com/us/products/1586963>

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Box mounting base, with single locking latch, height 67 mm, with screw connection, 2x M25, with protective cover

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1586963       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Product key                          | AF7AAC        |
| GTIN                                 | 4046356427050 |
| Weight per piece (including packing) | 500 g         |
| Weight per piece (excluding packing) | 500 g         |
| Country of origin                    | DE            |

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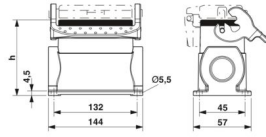
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## Technical data

### 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 M25                     |
| Protective cover             | yes                        |
| Shielded                     | no                         |
| Cable outlet                 | lateral                    |
| Pg screw connection          | with                       |

### Dimensions

|                        |  |
|------------------------|--|
| Dimensional drawing    |  |
| Width                  | 57 mm  |
| Height                 | 67 mm  |
| Length                 | 144 mm   |
| Wrench size, union nut | 25 mm  |

### Material specifications

|                           |                             |
|---------------------------|-----------------------------|
| Material Screw connection | Brass, nickel-plated        |
| Material Protective cover | PA                          |
| Seal material Cable seal  | NBR                         |
| Housing material          | Die-cast aluminum           |
| Housing surface material  | Powder-coated, gray         |
| Locking latch material    | Stainless steel, handle: PA |

### Mechanical properties

#### Mechanical data

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

### Cable/line

|                                 |                          |
|---------------------------------|--------------------------|
| External cable diameter Cable 1 | 9 mm ... 18 mm (Cable 1) |
| External cable diameter Cable 2 | 9 mm ... 18 mm (Cable 2) |

### Connection data

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|                         |                          |
|-------------------------|--------------------------|
| External cable diameter | 9 mm ... 18 mm (Cable 1) |
|-------------------------|--------------------------|

## Environmental and real-life conditions

### Ambient conditions

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Degree of protection            | IP65 (When plugged in)              |
|                                 | IP54 (with closed protective cover) |
| Ambient temperature (operation) | -40 °C ... 125 °C                   |

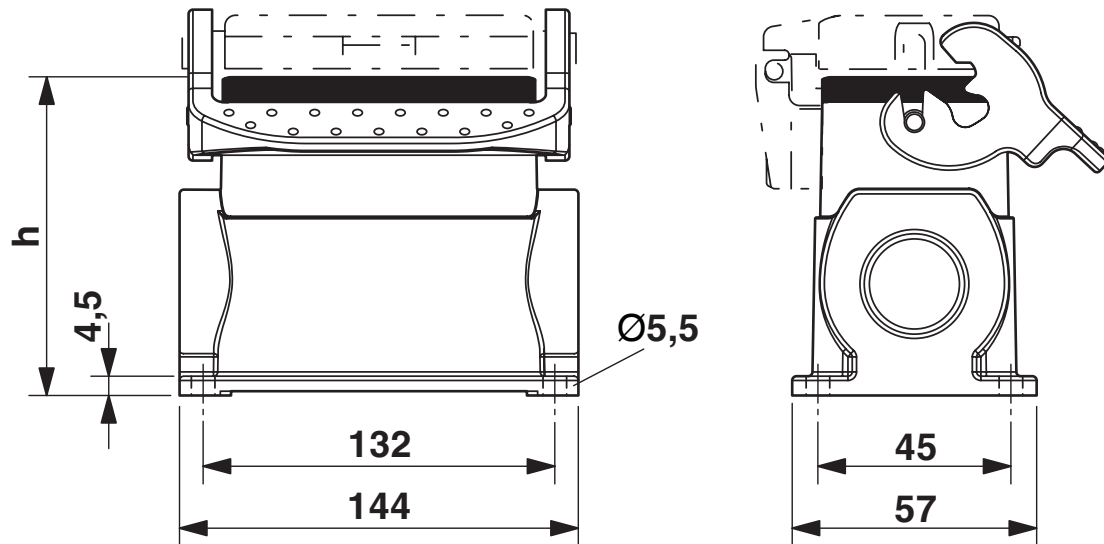
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## Drawings

Dimensional drawing



Dimensional drawing; h = 67 mm

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## Classifications

### ECLASS

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261501 |
|-------------|----------|

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