

# HC-D 25-SMLD-57/O2M20 - Housing



1416382

<https://www.phoenixcontact.com/us/products/1416382>

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Box mounting bases D25, with single locking latch, material: die-cast aluminum, protective cover material: PA, cable outlets: 2, lateral, 2x M20, height: 57 mm, cable gland: none, protective cover: yes, Standard

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1416382             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Product key                          | BF7AAE              |
| Catalog page                         | Page 509 (C-4-2015) |
| GTIN                                 | 4055626072449       |
| Weight per piece (including packing) | 288.1 g             |
| Weight per piece (excluding packing) | 288.1 g             |
| Country of origin                    | DE                  |

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## Technical data

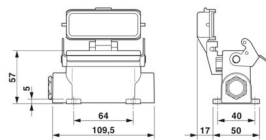
### Notes

|         |                                 |
|---------|---------------------------------|
| General | For contact inserts HC-D25, A16 |
|---------|---------------------------------|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Box mounting bases         |
| Application                  | Standard                   |
| Type                         | D25                        |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M20                     |
| Protective cover             | yes                        |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 50 mm  |
| Height              | 57 mm  |
| Length              | 109.5 mm   |

### Material specifications

|                            |                     |
|----------------------------|---------------------|
| Housing material           | die-cast aluminum   |
| Housing surface material   | Powder-coated, gray |
| Material, protective cover | PA                  |
| Locking latch material     | Steel, galvanized   |

### Mechanical properties

#### Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 2x M20 |
| Locking type                 | Latch  |

### Environmental and real-life conditions

#### Ambient conditions

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

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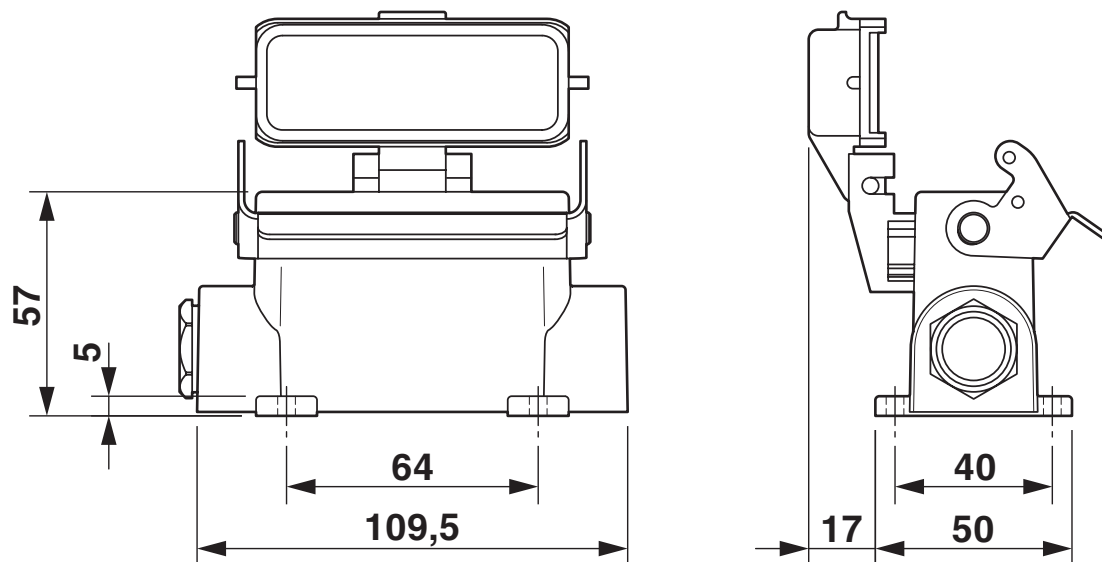
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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-13.0 | 27440202 |

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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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## Accessories

### G-INS-M20-S68N-PNES-GY - Cable gland

1411125

<https://www.phoenixcontact.com/us/products/1411125>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-grey RAL 7001

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### G-INS-M20-S68N-PNES-BK - Cable gland

1411133

<https://www.phoenixcontact.com/us/products/1411133>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: jet black RAL 9005

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## G-INS-M20-S68N-NNES-S - Cable gland

1411163

<https://www.phoenixcontact.com/us/products/1411163>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

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## HC-M-KV-M20(11-16) - Cable gland

1645998

<https://www.phoenixcontact.com/us/products/1645998>



Metal screw connection up to 5 bar, thread length: 6 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M20

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## G-INSEC-M20-S68N-NCRS-S - Cable gland

1411189

<https://www.phoenixcontact.com/us/products/1411189>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 9 mm ... 13 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver, with O-ring

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## HC-M-KV-Z-M20 - Cable gland

1646146

<https://www.phoenixcontact.com/us/products/1646146>



Metal screw connection with strain relief clamp, thread length: 6 mm, cable sealing area: 7.5 - 15 mm, clamping area: 11 - 17 mm, SW 24, screw connection: M20



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## HC-M-KV-T-M20 - Cable gland

1646188

<https://www.phoenixcontact.com/us/products/1646188>

Metal screw connection with cable bend protection and strain relief, thread length: 6 mm, cable sealing area: 7.5 - 15 mm, clamping area: 10 - 16 mm, SW 24, screw connection: M20



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## REDUC-M-KV-M20/M16 - Reducing adapter

1647611

<https://www.phoenixcontact.com/us/products/1647611>

Reducing adapter, connecting thread: M20 x 1.5, color: silver, with O-ring



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## ENLAR-M-KV-M20/M25 - Extension adapter

1647666

<https://www.phoenixcontact.com/us/products/1647666>

Extension adapter, connecting thread: M20 x 1.5, color: silver, with O-ring



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## HC-M-BS-M20 - Screw plug

1645846

<https://www.phoenixcontact.com/us/products/1645846>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M20 x 1.5, color: silver



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