

# HC-D50-SMQ-81/O1PG21 - Housing

1416398

<https://www.phoenixcontact.com/us/products/1416398>

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Surface mounting housing D50, with double locking latch, material: Die-cast aluminum, cable outlets: 1, lateral, 1x Pg21, height: 81 mm, cable gland: none, Standard

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1416398                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF55                           |
| Product key                          | AF7AAE                         |
| GTIN                                 | 4055626072586                  |
| Weight per piece (including packing) | 519.6 g                        |
| Weight per piece (excluding packing) | 519.6 g                        |
| Customs tariff number                | 85389099                       |
| Country of origin                    | DE                             |

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## Technical data

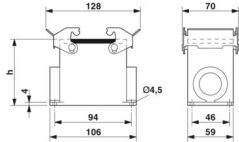
### Notes

|         |                                     |
|---------|-------------------------------------|
| General | For contact inserts HC-D25, A16/A32 |
|---------|-------------------------------------|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Surface mounting housing   |
| Application                  | Standard                   |
| Type                         | D50                        |
| No. of cable outlets         | 1                          |
| Type of the screw connection | 1x Pg21                    |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 59 mm  |
| Height              | 81 mm  |
| Length              | 106 mm   |

### Material specifications

|                          |                     |
|--------------------------|---------------------|
| Housing material         | Die-cast aluminum   |
| Housing surface material | Powder-coated, gray |
| Locking latch material   | Steel, galvanized   |

### Mechanical properties

#### Mechanical data

|                              |         |
|------------------------------|---------|
| Type of the screw connection | 1x Pg21 |
| Locking type                 | Latch   |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP65              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

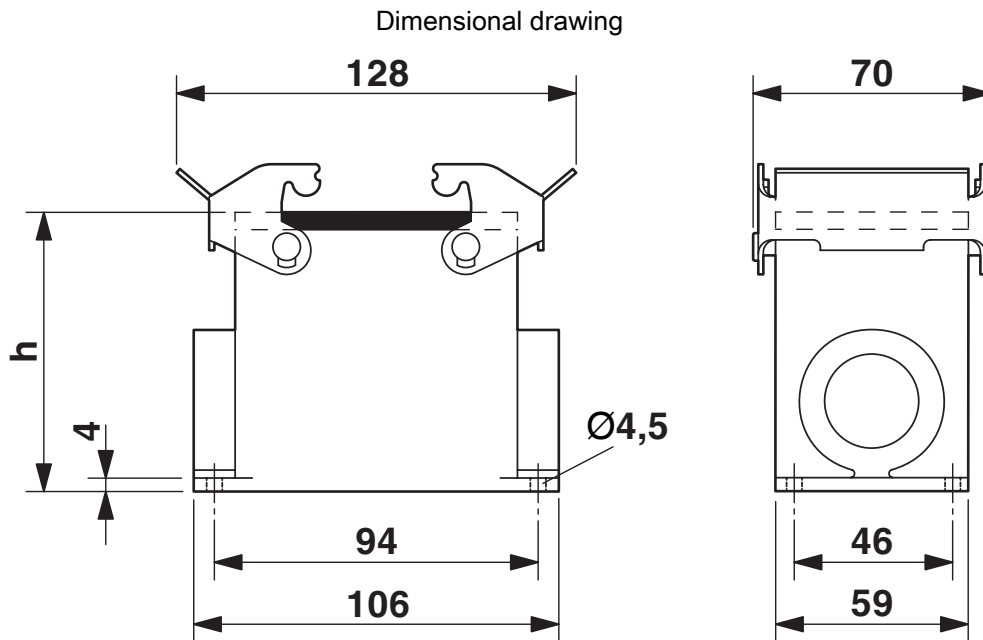
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## Drawings



Dimensional drawing

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)