

# HC-STA-D50-SHWD-2SSM32-ELC-AL - Housing



1424414

<https://www.phoenixcontact.com/us/products/1424414>

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Surface mounting housing D50, with double locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 2, lateral, 2x M32, height: 82 mm, cable gland: none, Standard

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1424414       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APE        |
| GTIN                                 | 4055626371542 |
| Weight per piece (including packing) | 385.3 g       |
| Weight per piece (excluding packing) | 380 g         |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Surface mounting housing   |
| Product family               | HC-STA-D                   |
| Application                  | Standard                   |
| Type                         | D50                        |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M32                     |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Dimensions

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 70 mm                                                                               |
| Height              | 82 mm                                                                               |
| Length              | 106 mm                                                                              |
| Hole diameter       | 5.5 mm                                                                              |

### Material specifications

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Flammability rating according to UL 94 | V0 (Interlock)                          |
| Seal material                          | NBR, conductive                         |
| Housing material                       | Die-cast aluminum, salt water resistant |
| Housing surface material               | uncoated                                |
| Locking latch material                 | PA                                      |

### Mechanical properties

#### Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 2x M32 |
| Locking type                 | Latch  |

### Connection data

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

### Mounting

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Assembly note | One opening is sealed with a plastic filler plug and can be opened using a screwdriver. |
|---------------|-----------------------------------------------------------------------------------------|

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## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
|                                 | IP67              |
| Impact strength                 | IK08              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

# HC-STA-D50-SHWD-2SSM32-ELC-AL - Housing

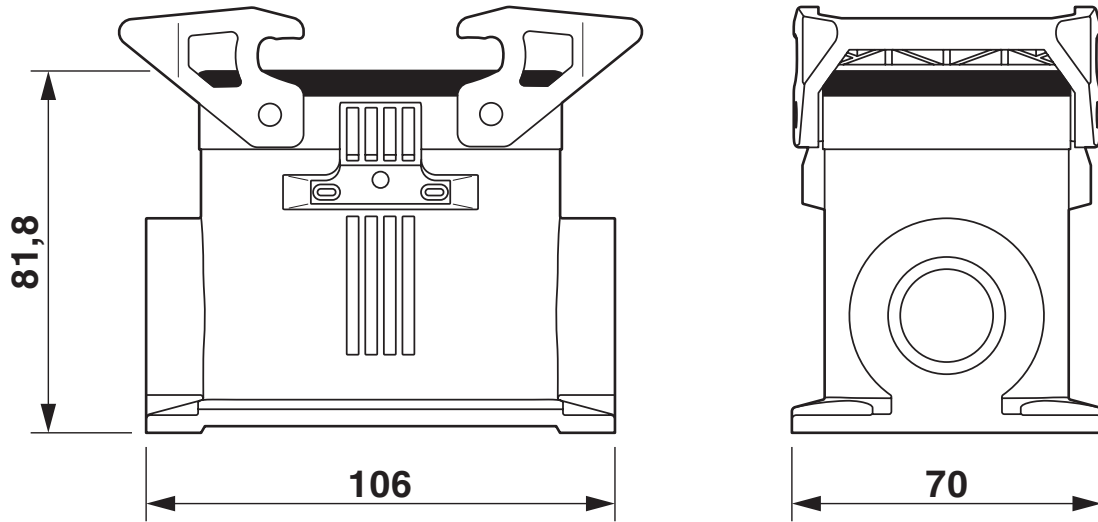


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424414>

**DNV**

Approval ID: TAE000037S



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026

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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000437 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |                |
|---------|----------------|
| CO2e kg | 14.566 kg CO2e |
|---------|----------------|

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