

# HC-STA-D50-SHWD-2SSP21-ELC-AL - Housing



1424415

<https://www.phoenixcontact.com/us/products/1424415>

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Surface mounting housing D50, with double locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 2, lateral, 2x Pg21, height: 82 mm, cable gland: Pg21, Standard

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1424415       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APE        |
| GTIN                                 | 4055626371559 |
| Weight per piece (including packing) | 399 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 Pg21                    |
| Cable outlet                 | lateral                    |
| Pg screw connection          | Pg21                       |

### 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 Pg21 |
| 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 |

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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/1424415>

**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 | 14.52 kg CO2e |
|---------|---------------|

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