

HC-STA-D50-SHWD-2SSP29-ELC-AL - Housing



1424416

<https://www.phoenixcontact.com/us/products/1424416>

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Surface mounting housing D50, with double locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 2, lateral, 2x Pg29, height: 82 mm, cable gland: Pg29, Standard

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1424416 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APE |
| GTIN | 4055626371566 |
| Weight per piece (including packing) | 359.8 g |
| Weight per piece (excluding packing) | 359.8 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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 Pg29 |
| Cable outlet | lateral |
| Pg screw connection | Pg29 |

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 Pg29 |
| 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/1424416>

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026

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Classifications

ECLASS

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

ETIM

| | |
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| ETIM 10.0 | EC000437 |
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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 | 14.667 kg CO2e |
|---------|----------------|

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