

# HC-STA-D07-SHCWS-1STP11-EL-AL - Housing



1419241

<https://www.phoenixcontact.com/us/products/1419241>

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Surface mounting housing D7, with single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x Pg11, height: 27.9 mm, cable gland: none, Standard, enclosed bottom

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1419241       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APF        |
| GTIN                                 | 4055626159874 |
| Weight per piece (including packing) | 39.7 g        |
| Weight per piece (excluding packing) | 39.5 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

## Technical data

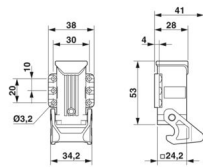
### Notes

|         |                                                                         |
|---------|-------------------------------------------------------------------------|
| General | for contact inserts HC-A03, A04, D07, D08, Q02, Q03, Q04, Q05, Q07, Q12 |
|---------|-------------------------------------------------------------------------|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Surface mounting housing   |
| Product family               | HC-STA-D07                 |
| Application                  | Standard                   |
| Type                         | D7                         |
| No. of cable outlets         | 1                          |
| Type of the screw connection | 1x Pg11                    |
| Shielded                     | no                         |
| Cable outlet                 | straight                   |
| Pg screw connection          | none                       |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 38 mm                                                                                |
| Height              | 27.9 mm                                                                              |
| Length              | 24.2 mm                                                                              |
| Hole diameter       | 3.2 mm                                                                               |

### Material specifications

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Flammability rating according to UL 94 | V0 (Interlock)                          |
| 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 | 1x Pg11 |
| Locking type                 | Latch   |

### Connection data

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Tightening torque | 0.5 Nm ... 0.8 Nm (for M3 mounting screws on the surface-mount housing) |
|-------------------|-------------------------------------------------------------------------|

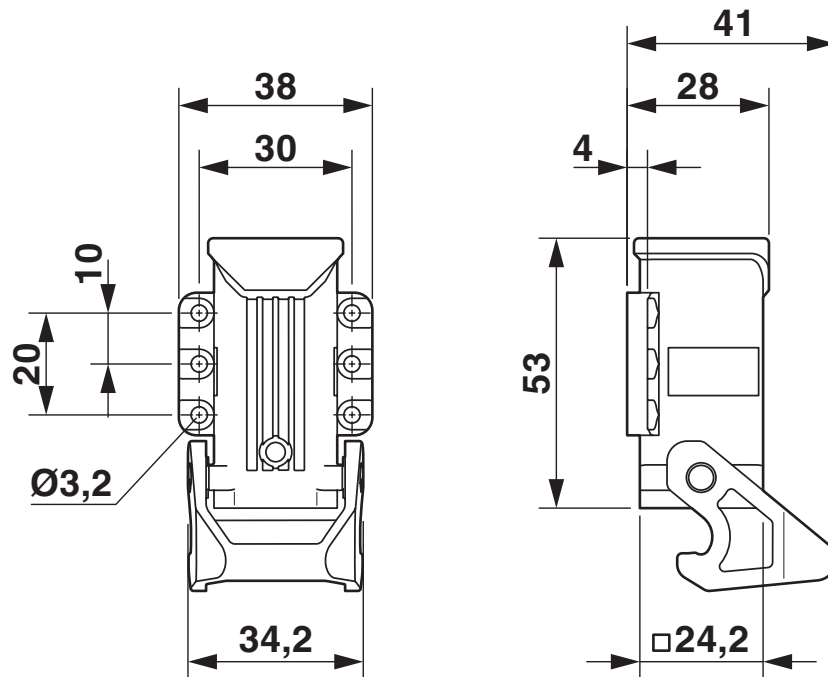
## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
|                                 | IP67              |
| Enclosure rating (NEMA)         | 4 (UL 50e)        |
|                                 | 4X (UL 50e)       |
| Impact strength                 | IK06              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

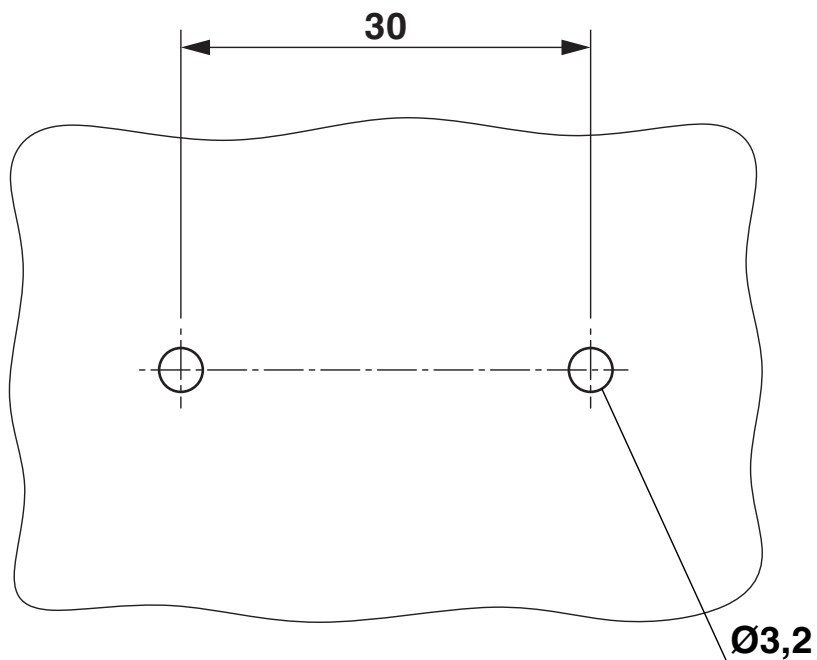
## Drawings

Dimensional drawing

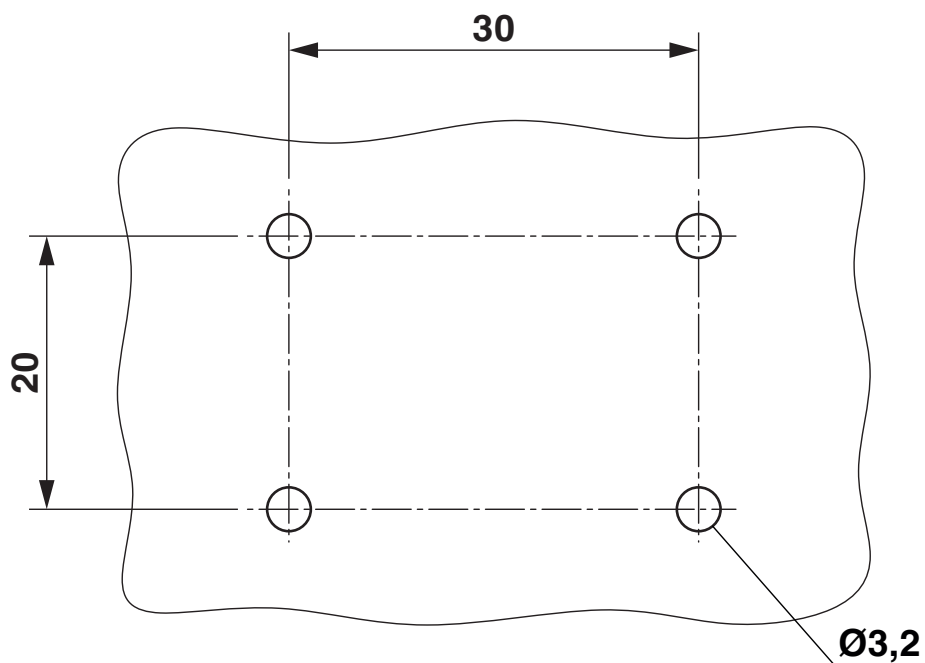


Dimensional drawing

Dimensional drawing



HC-A03  
HC-A04  
HC-D07  
HC-D08  
HC-Q05  
HC-Q07  
HC-Q12



HC-Q02  
HC-Q03  
HC-Q04

Drill hole spacing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419241>

**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 |
|-------------|----------|

## 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)