

# HC-STA-D07-BWS-M25-EL-AL - Housing

1672265

<https://www.phoenixcontact.com/us/products/1672265>



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Screw-in housing D7, with single locking latch, material: Die-cast aluminum, salt water resistant, height: 49.5 mm, seal: yes, Standard

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1672265       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APF        |
| GTIN                                 | 4067923221307 |
| Weight per piece (including packing) | 38.7 g        |
| Weight per piece (excluding packing) | 222 g         |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

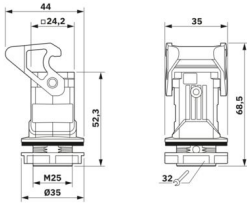
### Notes

|         |                                                                         |
|---------|-------------------------------------------------------------------------|
| 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 | Screw-in housing           |
| Application  | Standard                   |
| Type         | D7                         |
| Seal present | yes                        |
| Shielded     | no                         |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Height              | 49.5 mm                                                                              |
| Thread pitch        | 1.5 mm                                                                               |

### Material specifications

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

### Mechanical properties

|                 |       |
|-----------------|-------|
| Mechanical data |       |
| Locking type    | Latch |

### Connection data

|                   |                  |
|-------------------|------------------|
| Tightening torque | 7.5 Nm ... 10 Nm |
|-------------------|------------------|

### Mounting

|               |                                                                                                                                                                                                                    |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | To ensure anti-rotation protection of the housing, use the attached mounting cutout. Alternatively, you can use a consistently round panel cutout. However, this cutout cannot guarantee anti-rotation protection. |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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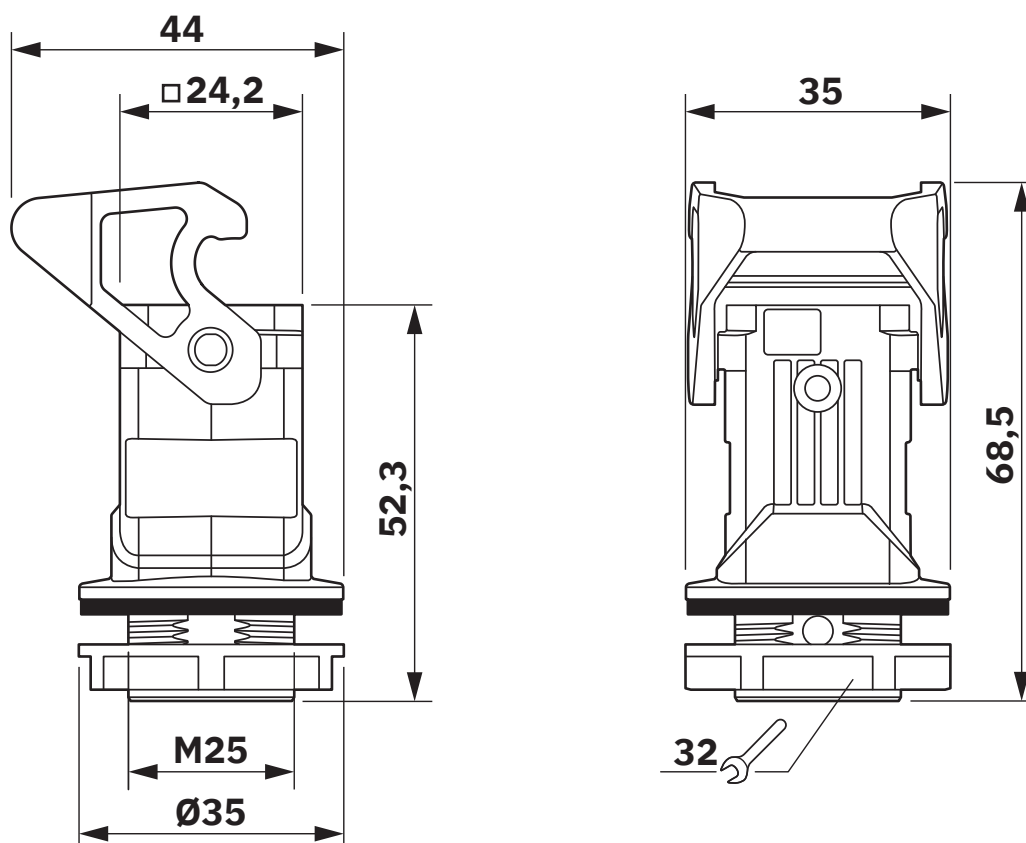
## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
|                                 | IP67              |
| Impact strength                 | IK06              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

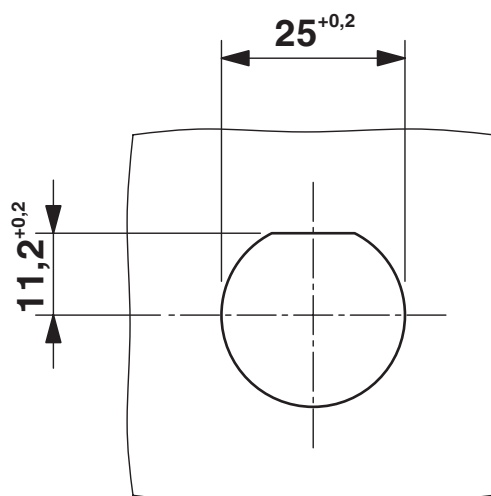
## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Panel cutout

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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  |
| Exemption                               | 6(c) |

### China RoHS

|                                        |                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-50                                                                                                                                                                                                                           |
|                                        | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                      |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|