

# HC-STA-D07-BWS-M25-PL-BK - Housing

1672258

<https://www.phoenixcontact.com/us/products/1672258>



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Screw-in housing D7, with single locking latch, material: PA, height: 52.5 mm, seal: yes, Standard

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1672258       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APD        |
| GTIN                                 | 4067923220485 |
| Weight per piece (including packing) | 22.8 g        |
| Weight per piece (excluding packing) | 22.8 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

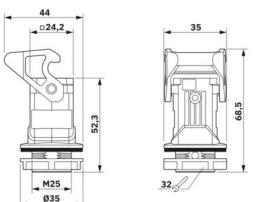
### Notes

|         |   |
|---------|---|
| 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              | 52.5 mm   |
| Thread pitch        | 1.5 mm  |

### Material specifications

|  |                |
|--|----------------|
| Flammability rating according to UL 94 | V0 (Housing)   |
|  | V0 (Interlock) |
| Seal material                          | NBR            |
| Housing material                       | PA             |
| Locking latch material                 | PA             |

### Mechanical properties

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

### Connection data

|                   |  |
|-------------------|--|
| Tightening torque | 5 Nm ... 7.5 Nm (For M3 mounting screws on the panel-mount base) |
|-------------------|--|

### 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              |
| Impact strength                 | IK06              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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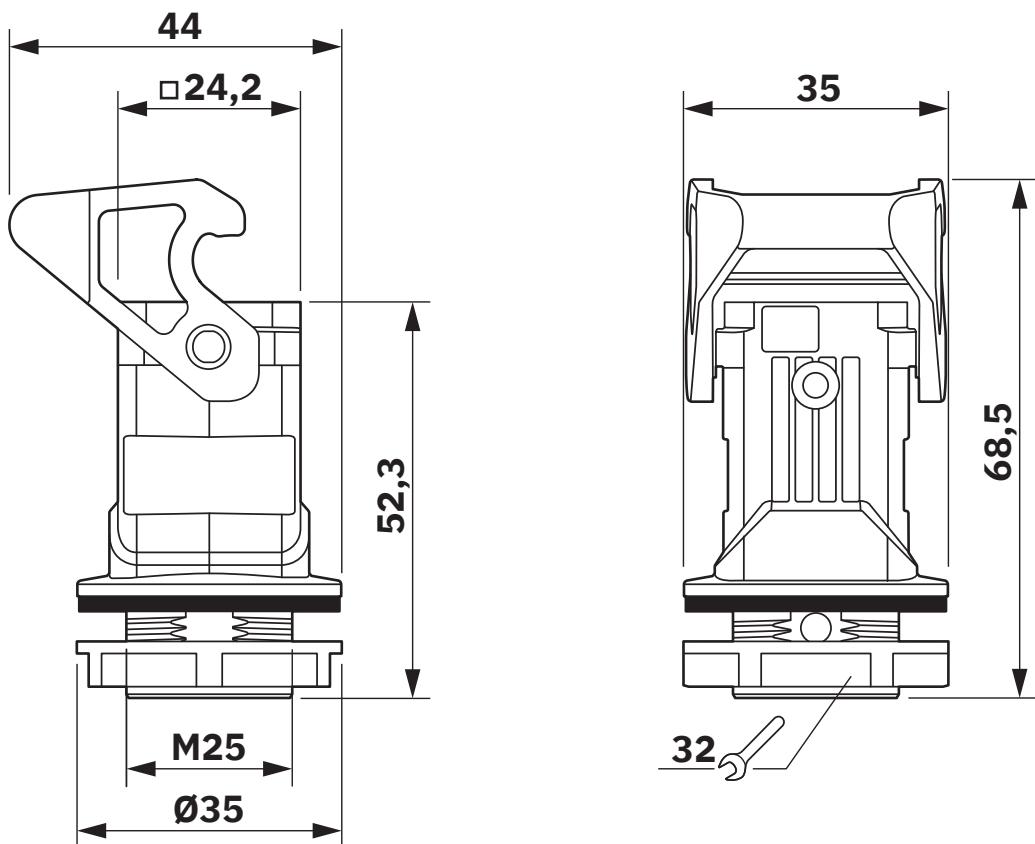
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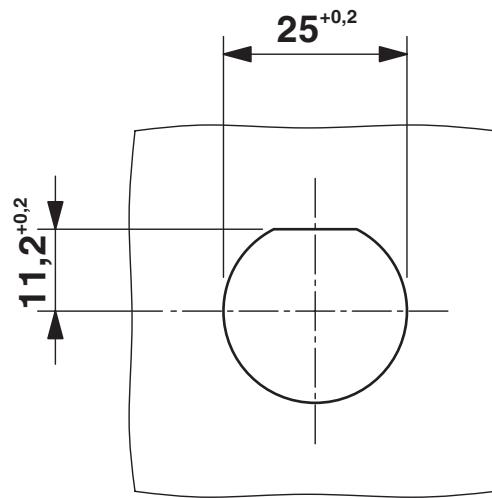
## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Panel cutout

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

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