

# HC-STA-D07-BWSCF-EL-AL - Housing



1419251  
<https://www.phoenixcontact.com/us/products/1419251>

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Panel mounting base D7, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PA, height: 25.5 mm, cable gland: none, protective cover: yes, Standard, for socket inserts

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1419251       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APF        |
| GTIN                                 | 4055626159829 |
| Weight per piece (including packing) | 26.8 g        |
| Weight per piece (excluding packing) | 26.8 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

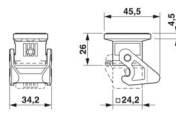
### Notes

|         |                                                                         |
|---------|-------------------------------------------------------------------------|
| 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        | Panel mounting base        |
| Product family      | HC-STA-D07                 |
| Application         | Standard                   |
| Type                | D7                         |
| Protective cover    | yes                        |
| Shielded            | no                         |
| Pg screw connection | none                       |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 34.2 mm                                                                              |
| Height              | 25.5 mm                                                                              |
| Length              | 24.2 mm                                                                              |
| Hole diameter       | 3.2 mm                                                                               |

### Installation dimensions

|                               |       |
|-------------------------------|-------|
| Width of the assembly cutout  | 21 mm |
| Length of the assembly cutout | 21 mm |

### Material specifications

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Flammability rating according to UL 94 | V0 (Interlock)                          |
|                                        | V0 (Protective cover)                   |
| Seal material Flat gasket              | NBR, conductive                         |
| Seal material Profile gasket           | NBR                                     |
| Housing material                       | Die-cast aluminum, salt water resistant |
| Housing surface material               | uncoated                                |
| Material, protective cover             | PA                                      |
| Locking latch material                 | PA                                      |

### Mechanical properties

#### Mechanical data

|              |       |
|--------------|-------|
| Locking type | Latch |
|--------------|-------|

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## Connection data

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Tightening torque | 0.5 Nm ... 0.8 Nm (For M3 mounting screws on the panel-mount base) |
|-------------------|--------------------------------------------------------------------|

## Mounting

|               |                             |
|---------------|-----------------------------|
| Assembly note | For mounting socket inserts |
|---------------|-----------------------------|

## Environmental and real-life conditions

### Ambient conditions

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

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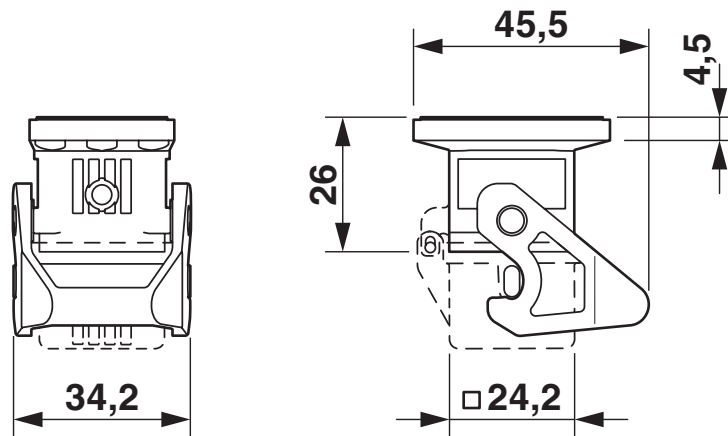
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## Drawings

Dimensional drawing



Dimensional drawing

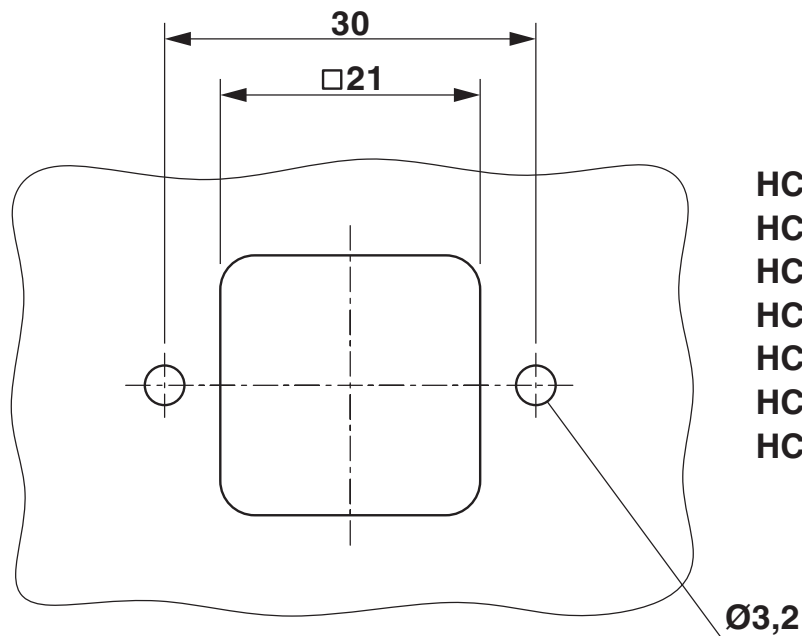
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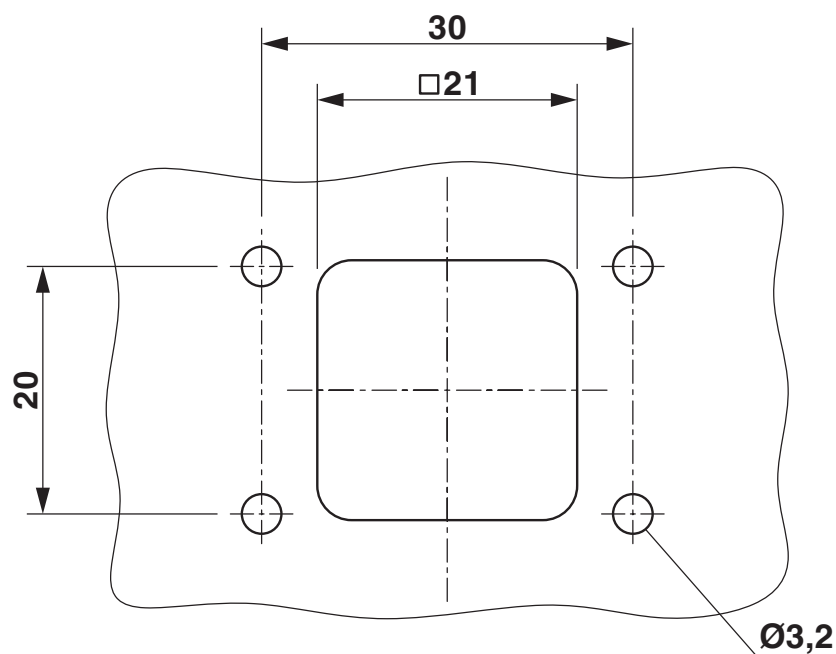
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Dimensional drawing



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



HC-Q02  
HC-Q03  
HC-Q04

Mounting cutout

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419251>

**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 9.0 | 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%               |