

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



1419250  
<https://www.phoenixcontact.com/us/products/1419250>

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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 pin inserts

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1419250             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF56                |
| Product key                          | BF7APF              |
| Catalog page                         | Page 517 (C-2-2019) |
| GTIN                                 | 4055626159812       |
| Weight per piece (including packing) | 26.1 g              |
| Weight per piece (excluding packing) | 25.07 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 |
|---------|---|

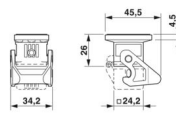
### Product properties

|                     |                            |
|---------------------|----------------------------|
| 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                       |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 02 |
|------------------|----|

### 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                         |
| Housing material                       | Die-cast aluminum, salt water resistant |
| Housing surface material               | uncoated                                |
| Material, protective cover             | PA                                      |
| Locking latch material                 | PA                                      |

### Mechanical properties

#### Mechanical data

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

## Connection data

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

## Mounting

|               |                          |
|---------------|--------------------------|
| Assembly note | For mounting pin 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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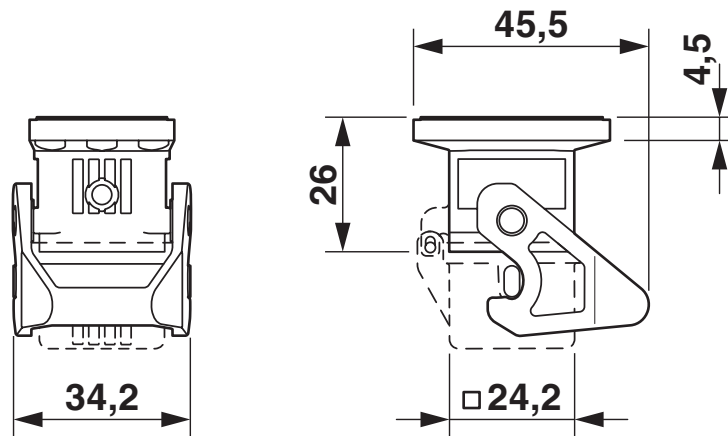
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## Drawings

Dimensional drawing



Dimensional drawing

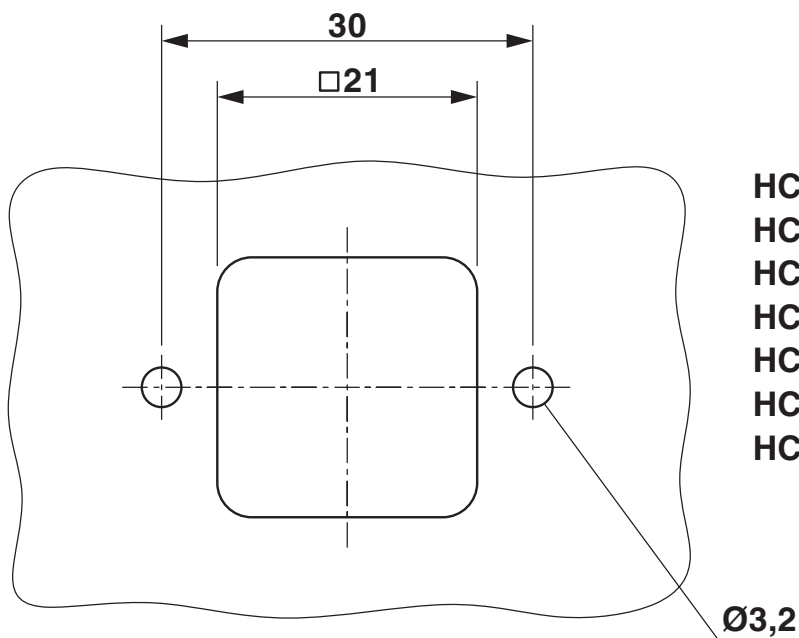
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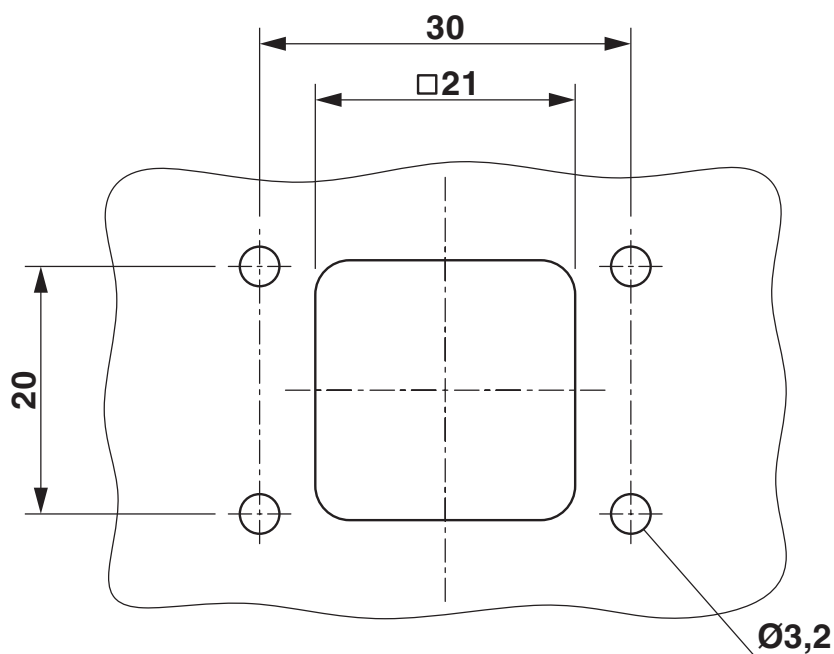
<https://www.phoenixcontact.com/us/products/1419250>



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/1419250>

**DNV**  
Approval ID: TAE000037S

**EAC**  
Approval ID: RU C-DE.BL08.B.00511

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

**cULus Recognized**

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-12.0 | 27440202 |
| ECLASS-13.0 | 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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