# HC-STA-D07-SHOWS-1SGM20-PL-BK - Housing

1419267

https://www.phoenixcontact.com/us/products/1419267

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Surface mounting housing D7, with single locking latch, material: PA, cable outlets: 1, straight, M20, height: 27.9 mm, cable gland: with, Standard, open floor

## Commercial data

| | |
|---|---|
| Item number | 1419267 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APD |
| GTIN | 4055626160184 |
| Weight per piece (including packing) | 31.1 g |
| Weight per piece (excluding packing) | 30.4 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

## Technical data

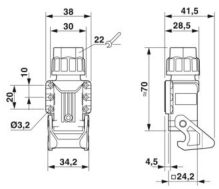
### Notes

| | |
|---|---|
| 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 | M20 |
| Shielded | no |
| Cable outlet | straight |
| Pg screw connection | with |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 38 mm |
| Height | 27.9 mm |
| Length | 24.2 mm |
| Drill hole distance, horizontal | 30 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 (Housing) |
| | V0 (Interlock) |
| Seal material | NBR |
| Housing material | PA |
| Locking latch material | PA |

### Mechanical properties

Mechanical data

| | |
|---|---|
| Type of the screw connection | M20 |
| Locking type | Latch |

## Cable/line

| | |
|---|---|
| External cable diameter | 4 mm ... 10 mm |

## Connection data

| | |
|---|---|
| External cable diameter | 4 mm ... 10 mm |
| Tightening torque | 5 Nm (Cap nut) |

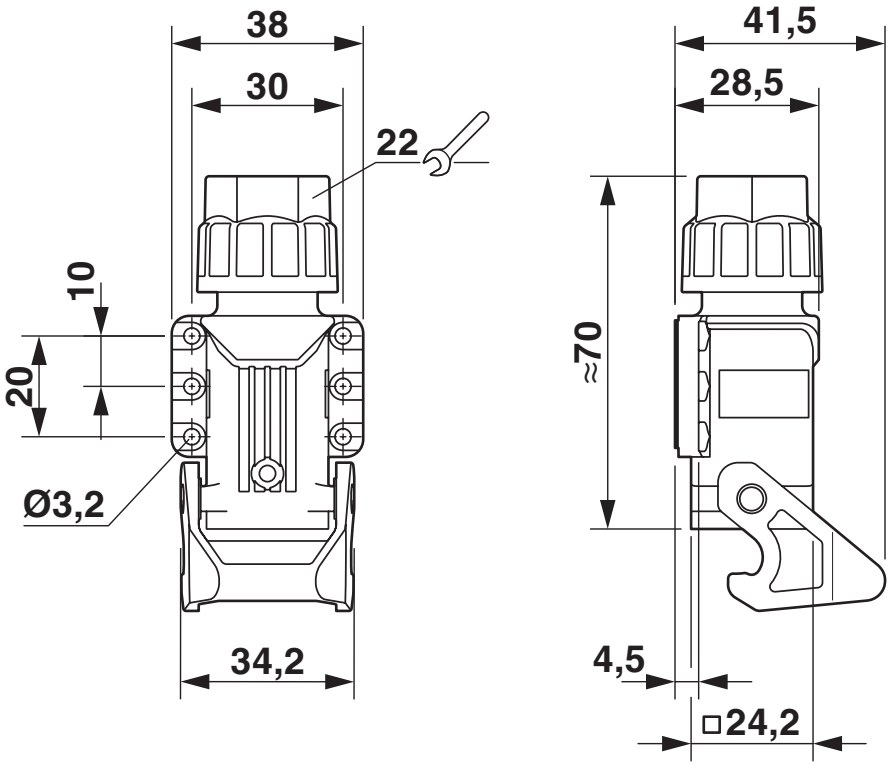
## Environmental and real-life conditions

### Ambient conditions

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

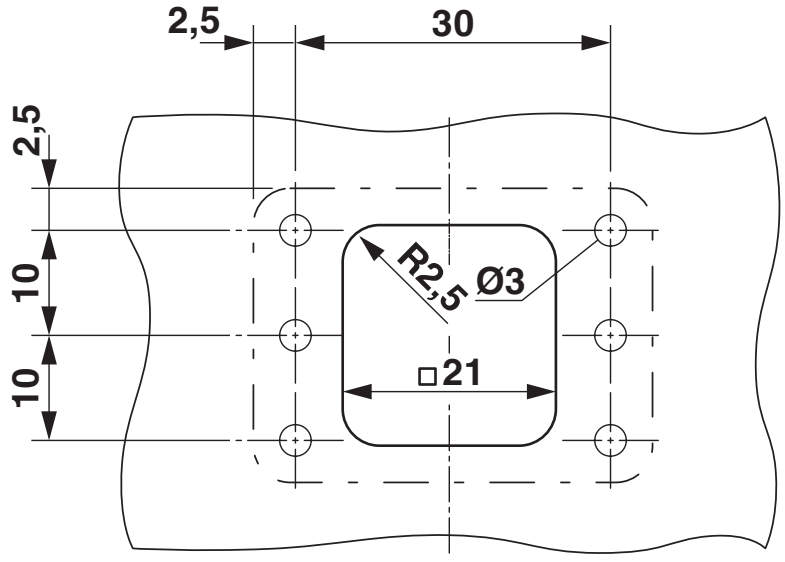
## Drawings

Dimensional drawing




Dimensional drawing

Dimensional drawing




Mounting cutout

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1419267

**DNV**
Approval ID: TAE000037S

**cULus Recognized**
Approval ID: E468743

## 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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