

HC-STA-D07-SHOWS-1STP11-EL-AL - Housing



1419233

<https://www.phoenixcontact.com/us/products/1419233>

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Surface mounting housing D7, with single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x Pg11, height: 27.9 mm, cable gland: none, Standard, open floor

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1419233 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APF |
| GTIN | 4055626159850 |
| Weight per piece (including packing) | 36.7 g |
| Weight per piece (excluding packing) | 36.22 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 | 1x Pg11 |
| Shielded | no |
| Cable outlet | straight |
| Pg screw connection | none |

Dimensions

| | |
|---------------------|---------|
| Dimensional drawing | |
| Width | 38 mm |
| Height | 27.9 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) |
| Seal material Flat gasket | NBR, conductive |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Locking latch material | PA |

Mechanical properties

Mechanical data

| | |
|------------------------------|---------|
| Type of the screw connection | 1x Pg11 |
|------------------------------|---------|

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

Connection data

| | |
|-------------------|---|
| Tightening torque | 0.5 Nm ... 0.8 Nm (for M3 mounting screws on the surface-mount housing) |
|-------------------|---|

Environmental and real-life conditions

Ambient conditions

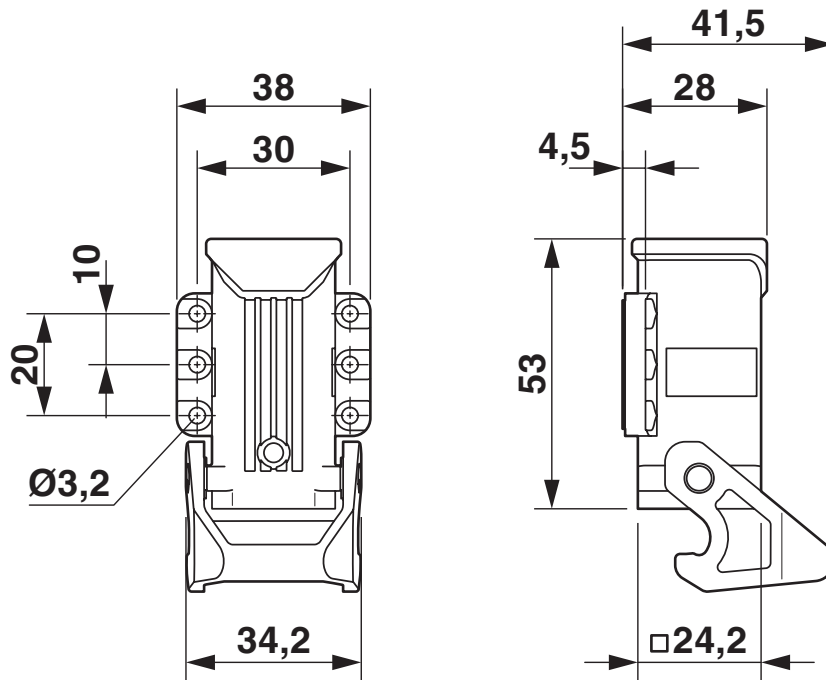
| | |
|---------------------------------|-------------------|
| Degree of protection | IP66 |
| | IP67 |
| Enclosure rating (NEMA) | 4 (UL 50e) |
| | 4X (UL 50e) |
| Impact strength | IK06 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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Drawings

Dimensional drawing



Dimensional drawing

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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/1419233>

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 10.0 | 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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