

# HC-STA-D07-SHCWS-1STM20-EL-AL - Housing



1419234

<https://www.phoenixcontact.com/us/products/1419234>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Surface mounting housing D7, with single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x M20, height: 27.9 mm, cable gland: none, Standard, enclosed bottom

## Commercial data

Item number	1419234
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF56
Product key	AF7APF
GTIN	4055626159867
Weight per piece (including packing)	38.5 g
Weight per piece (excluding packing)	38.3 g
Customs tariff number	85389099
Country of origin	CN

1419234

<https://www.phoenixcontact.com/us/products/1419234>

## 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 M20
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

### Material specifications

Flammability rating according to UL 94	V0 (Interlock)
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 M20
Locking type	Latch

### Connection data

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

1419234

<https://www.phoenixcontact.com/us/products/1419234>

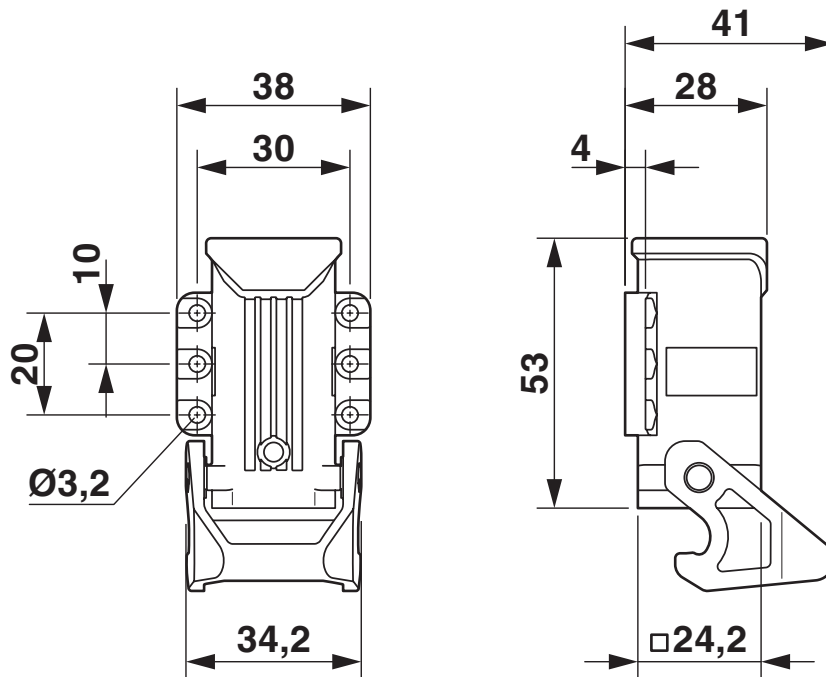
## Environmental and real-life conditions

### 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

## Drawings

Dimensional drawing



Dimensional drawing

# HC-STA-D07-SHCWS-1STM20-EL-AL - Housing



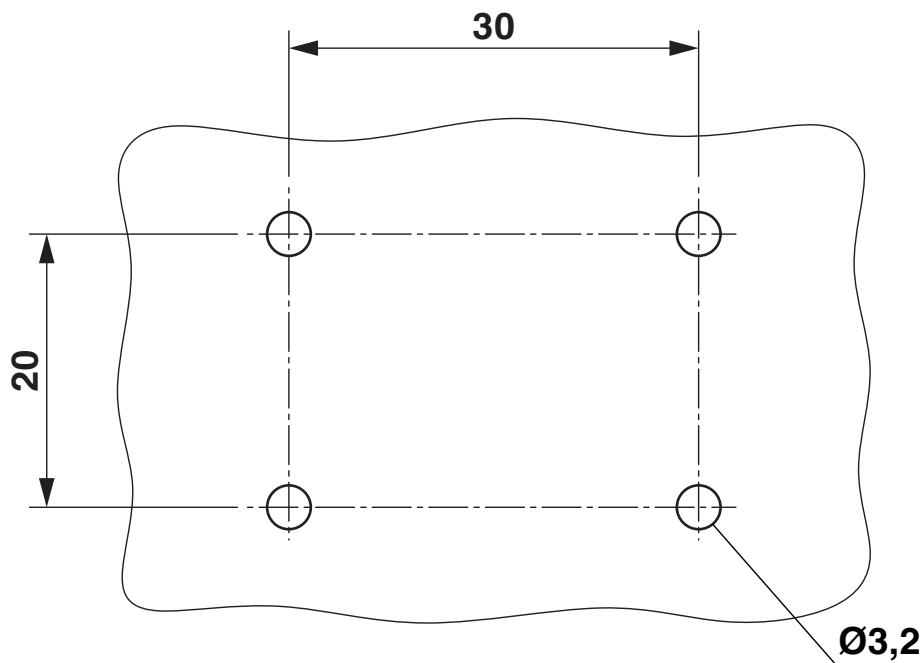
1419234

<https://www.phoenixcontact.com/us/products/1419234>

Dimensional drawing



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



HC-Q02  
HC-Q03  
HC-Q04

Drill hole spacing

1419234

<https://www.phoenixcontact.com/us/products/1419234>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419234>

**DNV**

Approval ID: TAE000037S



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026

1419234

<https://www.phoenixcontact.com/us/products/1419234>

## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 10.0	EC000437
-----------	----------

### UNSPSC

UNSPSC 21.0	31261500
-------------	----------

1419234

<https://www.phoenixcontact.com/us/products/1419234>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)