

# 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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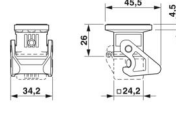
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## Technical data

### 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)
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## Mounting

Assembly note	For mounting socket inserts
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## 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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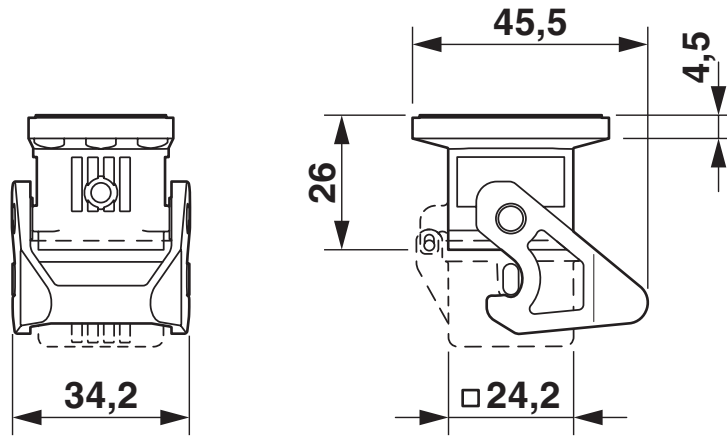
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## Drawings

Dimensional drawing



Dimensional drawing

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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 10.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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