

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

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.



Box mounting bases 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, open floor

Commercial data

Item number	1419253
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF56
Product key	BF7APF
Catalog page	Page 517 (C-2-2019)
GTIN	4055626159843
Weight per piece (including packing)	35.8 g
Weight per piece (excluding packing)	35.8 g
Customs tariff number	85389099
Country of origin	CN

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

Technical data

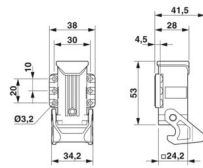
Notes

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	Box mounting bases
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

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 M20
------------------------------	--------

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

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

Connection data

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

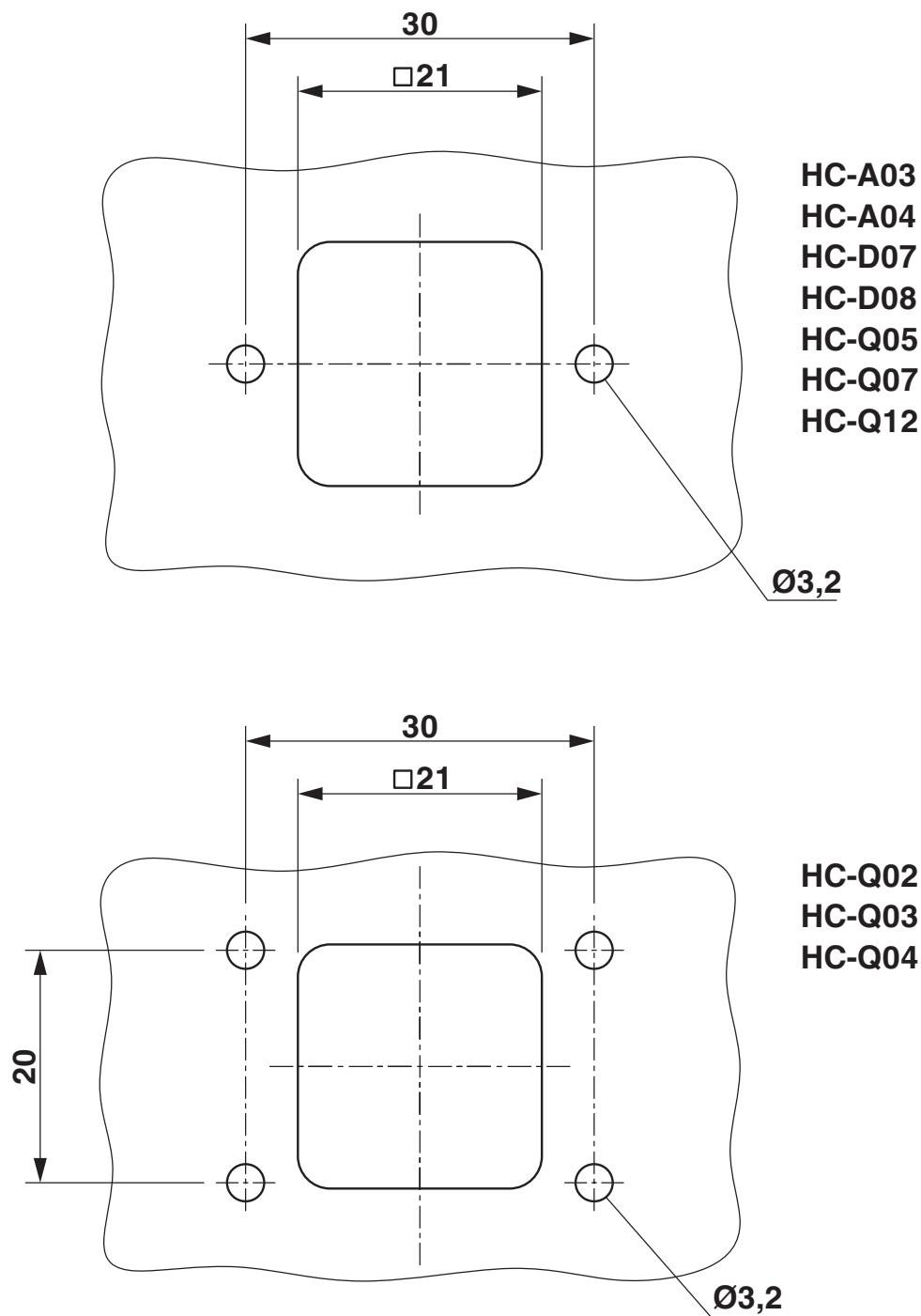
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
Impact strength	IK06
Ambient temperature (operation)	-40 °C ... 125 °C

Drawings

Dimensional drawing



Mounting cutout

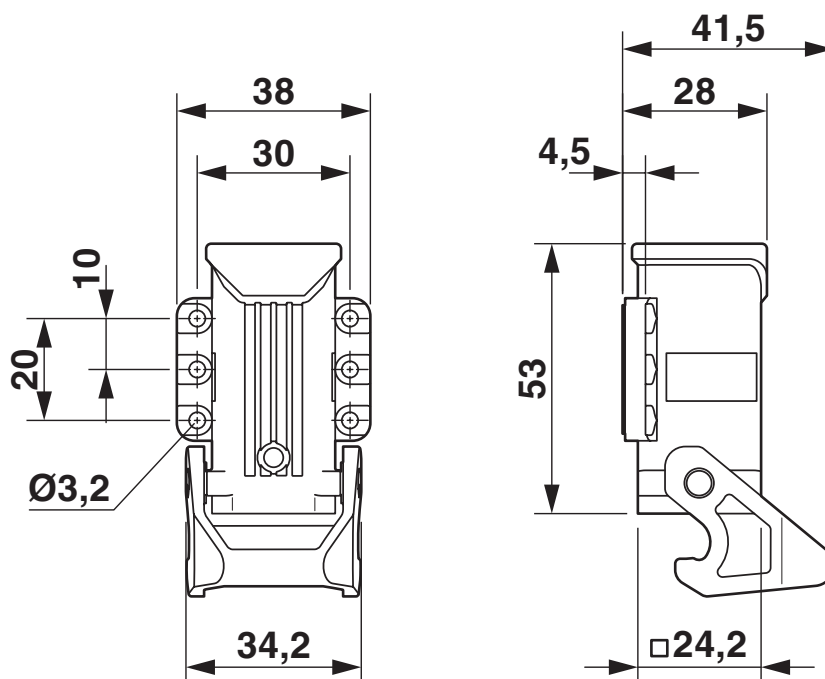
HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

Dimensional drawing




Dimensional drawing


1419253


<https://www.phoenixcontact.com/us/products/1419253>


Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419253>

**DNV**
Approval ID: TAE000037S

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

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

cULus Recognized

1419253

<https://www.phoenixcontact.com/us/products/1419253>

Classifications

ECLASS

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

ETIM

ETIM 9.0	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%

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

Accessories

G-INS-M20-S68N-NNES-S - Cable gland

1411163

<https://www.phoenixcontact.com/us/products/1411163>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

G-INSEC-M20-S68N-NCRS-S - Cable gland

1411189

<https://www.phoenixcontact.com/us/products/1411189>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 9 mm ... 13 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver, with O-ring

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

G-INS-M20-S68N-PNES-GY - Cable gland

1411125

<https://www.phoenixcontact.com/us/products/1411125>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-grey RAL 7001

G-INS-M20-S68N-PNES-BK - Cable gland

1411133

<https://www.phoenixcontact.com/us/products/1411133>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: jet black RAL 9005

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing

1419253

<https://www.phoenixcontact.com/us/products/1419253>



US-EMLP (11X9) CUS - Plastic label

0830073

<https://www.phoenixcontact.com/us/products/0830073>

Plastic label, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 135



HC-D07-SL-PLBK - Housing brackets

1424440

<https://www.phoenixcontact.com/us/products/1424440>

Replacement latch for HC-D7 housing



HC-STA-D07-SHOWS-1STM20-EL-AL - Housing

1419253

<https://www.phoenixcontact.com/us/products/1419253>



HC-D07-SG-RBK - Seal

1424441

<https://www.phoenixcontact.com/us/products/1424441>

Replacement seal for HC-D7 housing



HC-STA-D07-BCLFS-PLR-BK - Protective cover

1419270

<https://www.phoenixcontact.com/us/products/1419270>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 29.4 mm, seal: yes, Standard, with lanyard, for socket inserts



HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

HC-STA-D07-BCLFS-PL-BK - Protective cover

1419271

<https://www.phoenixcontact.com/us/products/1419271>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 29.4 mm, seal: no, Standard, with lanyard, for pin inserts



HC-STA-D07-BCSFS-PLR-BK - Protective cover

1419272

<https://www.phoenixcontact.com/us/products/1419272>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 30 mm, seal: yes, Standard, with lanyard, for socket inserts



HC-STA-D07-SHOWS-1STM20-EL-AL - Housing

1419253

<https://www.phoenixcontact.com/us/products/1419253>



HC-STA-D07-BCSFS-PL-BK - Protective cover

1419273

<https://www.phoenixcontact.com/us/products/1419273>



Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 30 mm, seal: no, Standard, with lanyard, for pin inserts

WP-G HF IP66 M20 BK - Screw connection

3240898

<https://www.phoenixcontact.com/us/products/3240898>



Cable gland, metric thread, IP66 protection, straight

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing

1419253

<https://www.phoenixcontact.com/us/products/1419253>



WP-G HF IP69K M20 BK - Screw connection

3240884

<https://www.phoenixcontact.com/us/products/3240884>



Cable gland, metric thread, IP68/69k protection, straight

WP-GA HF IP66 M20 BK - Screw connection

3240926

<https://www.phoenixcontact.com/us/products/3240926>



Cable gland, metric thread, IP66 protection, angled

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing

1419253

<https://www.phoenixcontact.com/us/products/1419253>



WP-GA HF IP69K M20 BK - Screw connection

3240912

<https://www.phoenixcontact.com/us/products/3240912>

Cable gland, metric thread, IP68/69k protection, angled



WP-GR HF IP66 M20 BK - Screw connection

3240954

<https://www.phoenixcontact.com/us/products/3240954>

Cable gland, metric thread, IP66 protection, with strain relief



HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

WP-GR HF IP69K M20 BK - Screw connection

3240940

<https://www.phoenixcontact.com/us/products/3240940>



Cable gland, metric thread, IP68/69k protection, with strain relief

WP-G PP HF M20 - Screw connection

3240998

<https://www.phoenixcontact.com/us/products/3240998>



Cable gland made from PP with metric thread, IP65 protection

HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

WP-GT PP HF M20 - Screw connection

3241012

<https://www.phoenixcontact.com/us/products/3241012>

Cable gland made from PP with metric thread, rotatable, IP54 protection



WP-G BRASS IP40 M20 - Screw connection

3241047

<https://www.phoenixcontact.com/us/products/3241047>

Cable gland made from brass with metric thread, IP40 protection



HC-STA-D07-SHOWS-1STM20-EL-AL - Housing



1419253

<https://www.phoenixcontact.com/us/products/1419253>

WP-GT BRASS M20 - Screw connection

3241033

<https://www.phoenixcontact.com/us/products/3241033>

Cable gland made from brass with metric thread, rotatable, IP40 protection



WP-G BRASS IP65 M20 - Screw connection

3241061

<https://www.phoenixcontact.com/us/products/3241061>

Cable gland made from brass with metric thread, IP65 protection



Phoenix Contact 2024 © - 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