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	BF7APF
Catalog page	Page 517 (C-2-2019)
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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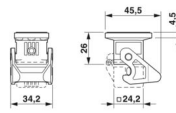
Technical data

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	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)

Mounting

Assembly note	For mounting socket inserts

Environmental and real-life conditions

Ambient conditions

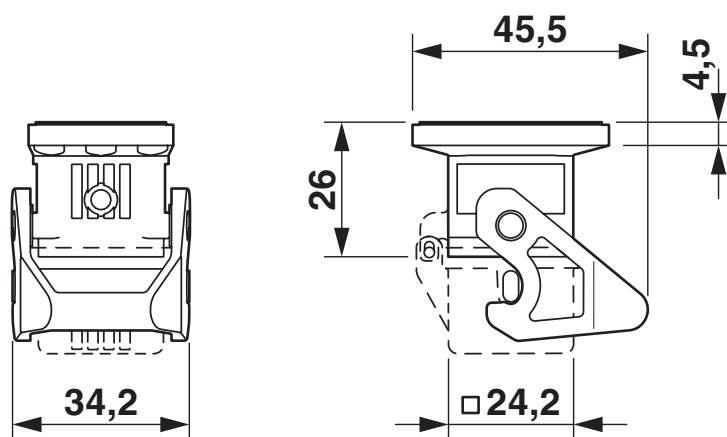|	
Degree of protection	IP66 (with locked protective cover)
	IP67 (when plugged in)
Impact strength	IK06
Ambient temperature (operation)	-40 °C ... 125 °C

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Drawings

Dimensional drawing

Dimensional drawing

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Dimensional drawing

30

□21
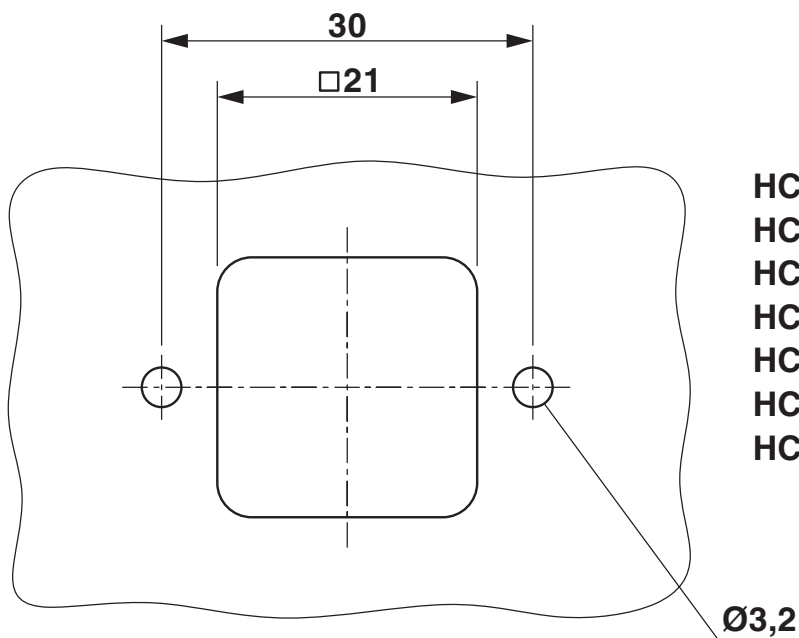
HC-A03
HC-A04
HC-D07
HC-D08
HC-Q05
HC-Q07
HC-Q12

Ø3,2

30

□21

HC-Q02
HC-Q03
HC-Q04

20

Ø3,2
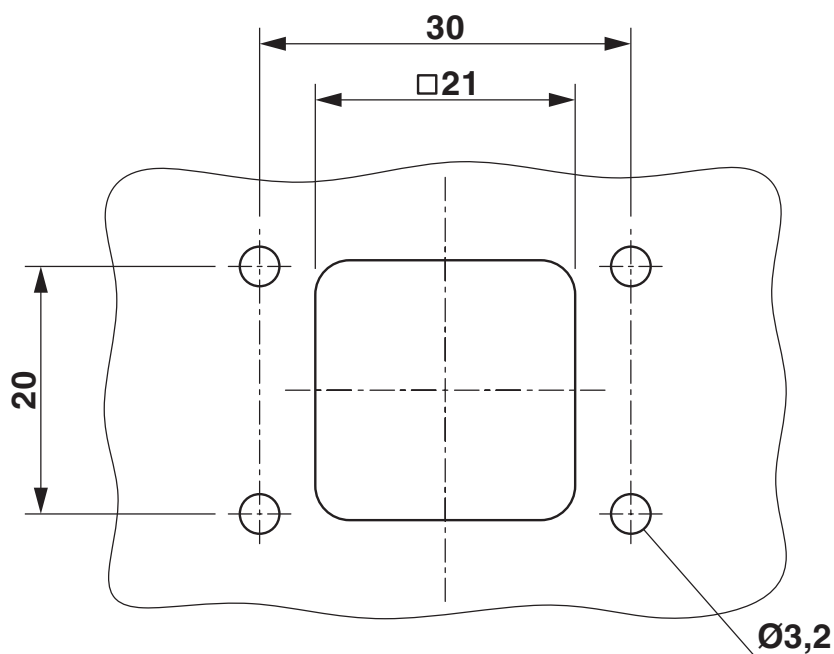
Mounting cutout

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1419251

DNV
Approval ID: TAE000037S

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

cUL Recognized
Approval ID: E255026

UL Recognized
Approval ID: E255026

cULus Recognized

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%

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Accessories

HC-D07-SL-PLBK - Housing brackets

1424440

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

Replacement latch for HC-D7 housing

HC-D07-SG-RBK - Seal

1424441

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

Replacement seal for HC-D7 housing

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US-EMLP (20X9) CUS - Plastic label

0830085

https://www.phoenixcontact.com/us/products/0830085

Plastic label, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 75

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

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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

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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