

Housing - HC-STA-D07-BWSCF-EL-AL



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	B10
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

1419251

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Technical Data

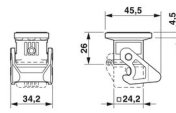
Notes

General	for contact inserts HC-A03, A04, D07, D08, Q02, Q03, Q04, Q05, Q07, Q12
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Product properties

Type	D7
Product type	Housing with locking latch
Application	Standard
Housing type	Panel mounting base
Protective cover	yes
Locking type	with single locking latch
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

Color	gray aluminum
Flammability rating according to UL 94	V0 (Interlock)
	V0 (Protective cover)
Sealing material	NBR (Flat gasket, conductive)
	NBR (profile gasket)
Housing surface material	uncoated
Material, protective cover	PA
Locking latch material	PA
Impact strength	IK06
Housing material	Die-cast aluminum, salt water resistant

Mechanical properties

Housing - HC-STA-D07-BWSCF-EL-AL



1419251

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Mechanical data

Locking type	Latch
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Mounting

Assembly instructions	For mounting socket inserts
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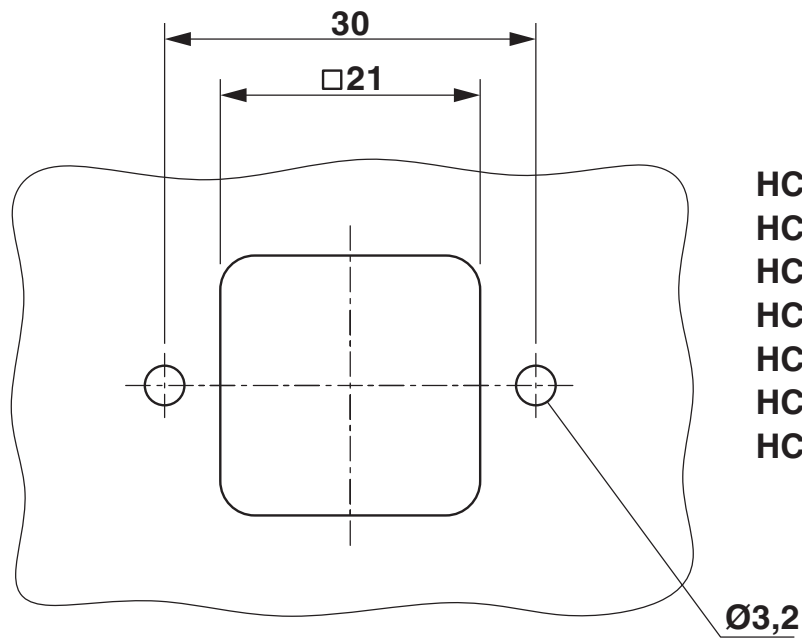
Environmental and real-life conditions

Ambient conditions

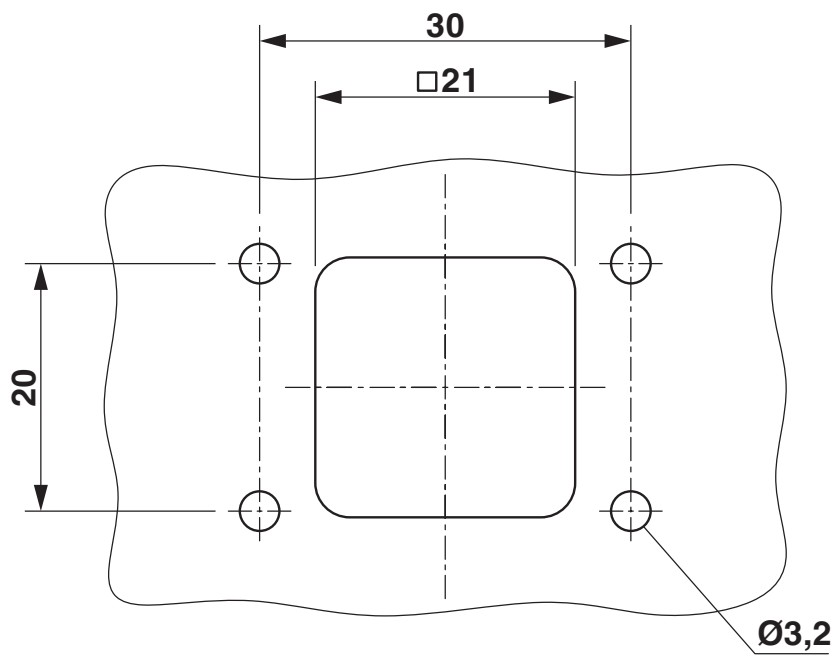
Degree of protection	IP66 (with locked protective cover) IP67 (when plugged in)
Impact strength	IK06
Ambient temperature (operation)	-40 °C ... 125 °C

Drawings

Dimensional drawing



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



HC-Q02
HC-Q03
HC-Q04

Mounting cutout

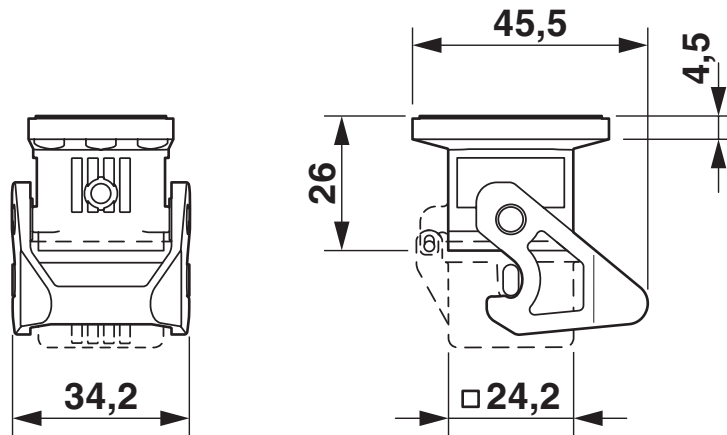
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1419251

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Dimensional drawing



Dimensional drawing

Housing - HC-STA-D07-BWSCF-EL-AL



1419251

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Approvals

DNV

Approval ID: TAE000037S



EAC

Approval ID: RU C-DE.AI30.B.01102



EAC

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

1419251

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Classifications

ECLASS

ECLASS-9.0	27440202
ECLASS-10.0.1	27440202
ECLASS-11.0	27440202

ETIM

ETIM 8.0	EC000437
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UNSPSC

UNSPSC 21.0	31261500
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1419251

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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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1419251

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Accessories

Housing brackets

Housing brackets - HC-D07-SL-PLBK - 1424440

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

Replacement latch for HC-D7 housing



Seal

Seal - HC-D07-SG-RBK - 1424441

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

Replacement seal for HC-D7 housing



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1419251

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Plastic label

Plastic label - US-EMLP (20X9) CUS - 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



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