

HC-ADV-B10-HLWH-BLANK-ELC-AL - Housing



1420051

<https://www.phoenixcontact.com/us/products/1420051>

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Sleeve housing B10, with screw locking, material: Die-cast aluminum, salt water resistant, variable, height: 74 mm, cable gland: none, Offshore/EMC, Without thread opening for screw connection, conductive seal (EMC properties)

Commercial data

Item number	1420051
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7APH
Catalog page	Page 603 (C-2-2019)
GTIN	4055626201467
Weight per piece (including packing)	237.6 g
Weight per piece (excluding packing)	237 g
Customs tariff number	85389099
Country of origin	CN

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Technical data

Notes

General	For contact inserts HC-B10, BB18, DD42, M, K8/24
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Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	Offshore/EMC
Type	B10
Type	Low design
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	yes
Cable outlet	variable
Pg screw connection	none

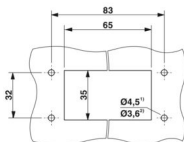
Data management status

Article revision	01
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Connection data

Tightening torque	3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing)
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Dimensions

Dimensional drawing	
Width	57 mm
Height	74 mm
Length	105 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	65 mm

Material specifications

Seal material	NBR, conductive
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	uncoated
Locking latch material	Stainless steel

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)
	IP69 (ISO 20653:2013-02)
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

Mechanical data

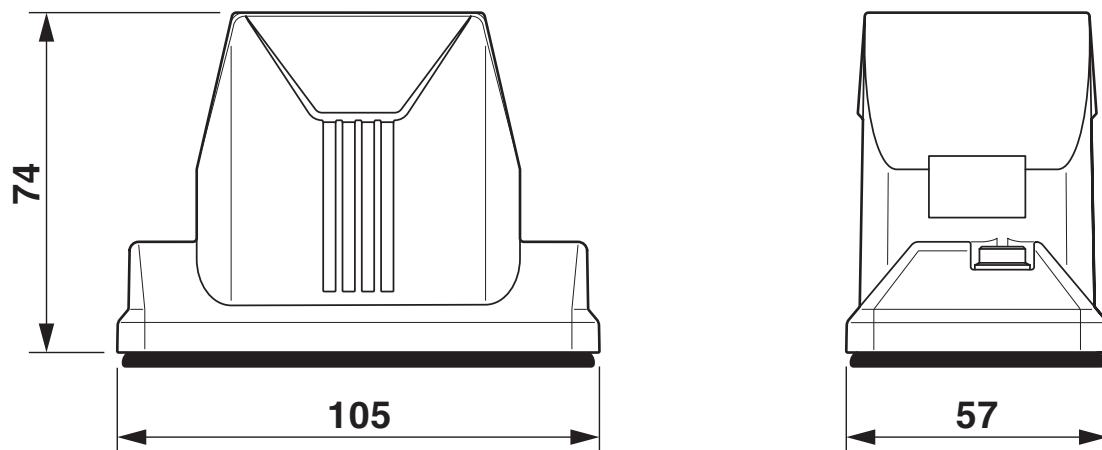
Locking type	Screw
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Mounting

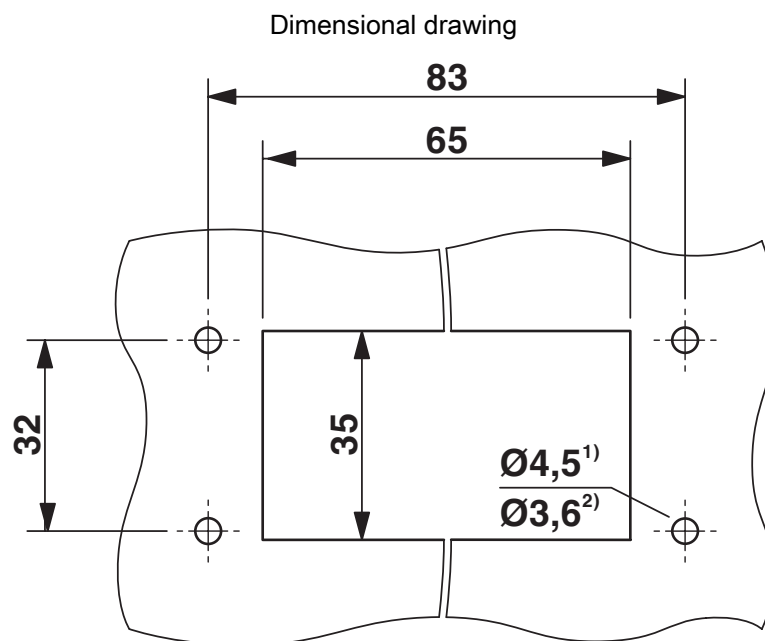
Thread type	()
Assembly note	In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.
Fixing screws	M6 (screw head: 5 mm Allen screw)

Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

1) when M4 screws are used

2) when self-tapping Torx® screws are used (Torx® 20, M4)

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420051>

**DNV**
Approval ID: TAE000037S

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

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

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

cULus Recognized

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Classifications

ECLASS

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

ETIM

ETIM 9.0	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
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-B-AF - Panel-mount flange

1686533

<https://www.phoenixcontact.com/us/products/1686533>

Panel-mount flange for HEAVYCON ADVANCE housing

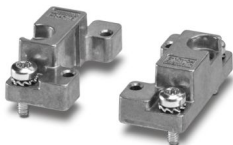


HC-B-AF-SET - Panel-mount flange

1604638

<https://www.phoenixcontact.com/us/products/1604638>

Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of:
2 panel-mount flanges with 4 self-tapping screws (M4, Torx®) and 4 fan-type washers



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HC-B 10-TMS-SD-IP50 - Protective cover

1690749

<https://www.phoenixcontact.com/us/products/1690749>



Protective cover B10, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

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

0830989

<https://www.phoenixcontact.com/us/products/0830989>



Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

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

0830995

<https://www.phoenixcontact.com/us/products/0830995>

Plastic label, Card, can be ordered: by card, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70



SF-BIT-HEXB 5-89 - Screw insert

1208911

<https://www.phoenixcontact.com/us/products/1208911>

Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173



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SF-M BH - Screwdriver

1212070

<https://www.phoenixcontact.com/us/products/1212070>



Bit screwdriver, with 1/4" quick-action chuck, handle length 119 mm, 2-component handle, with non-slip grip, suitable for bits according to DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic

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