

# HC-ADV-B06-HHWH-BLANK-ELC-AL - Housing



1420050

<https://www.phoenixcontact.com/us/products/1420050>

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Sleeve housing B6, with screw locking, material: Die-cast aluminum, salt water resistant, variable, height: 93.7 mm, cable gland: none, Offshore/EMC, Without thread opening for screw connection, conductive seal (EMC properties)

## Commercial data

Item number	1420050
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7APH
Catalog page	Page 597 (C-2-2019)
GTIN	4055626201450
Weight per piece (including packing)	255.4 g
Weight per piece (excluding packing)	255.4 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

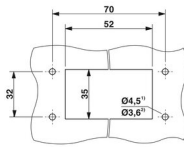
### Notes

General	For contact inserts HC-B6, BB10, DD24, M
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### Product properties

Type	B6
Product type	Housing with screw locking
Application	Offshore/EMC
Fixing screws	M6 (screw head: 5 mm Allen screw)
Housing type	Sleeve housing
Shielded	yes
Cable outlet	variable
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	57 mm
Height	93.7 mm
Length	92 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	52 mm

### Material specifications

Seal material	NBR, conductive
Housing surface material	uncoated
Locking latch material	Stainless steel
Impact strength	IK09
Housing material	Die-cast aluminum, salt water resistant

### Environmental and real-life conditions

#### 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)

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	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

## Mechanical properties

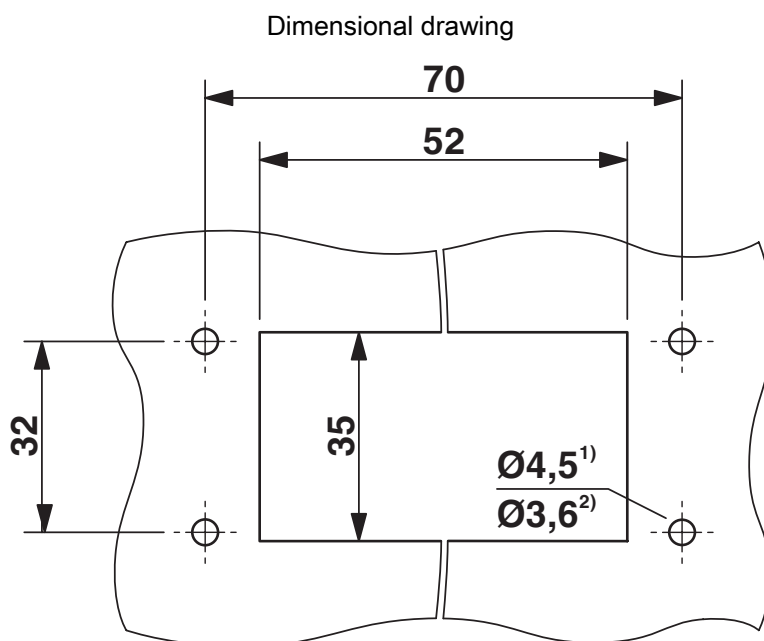
### Mechanical data

Locking type	Screw
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## Mounting

Assembly instructions	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)

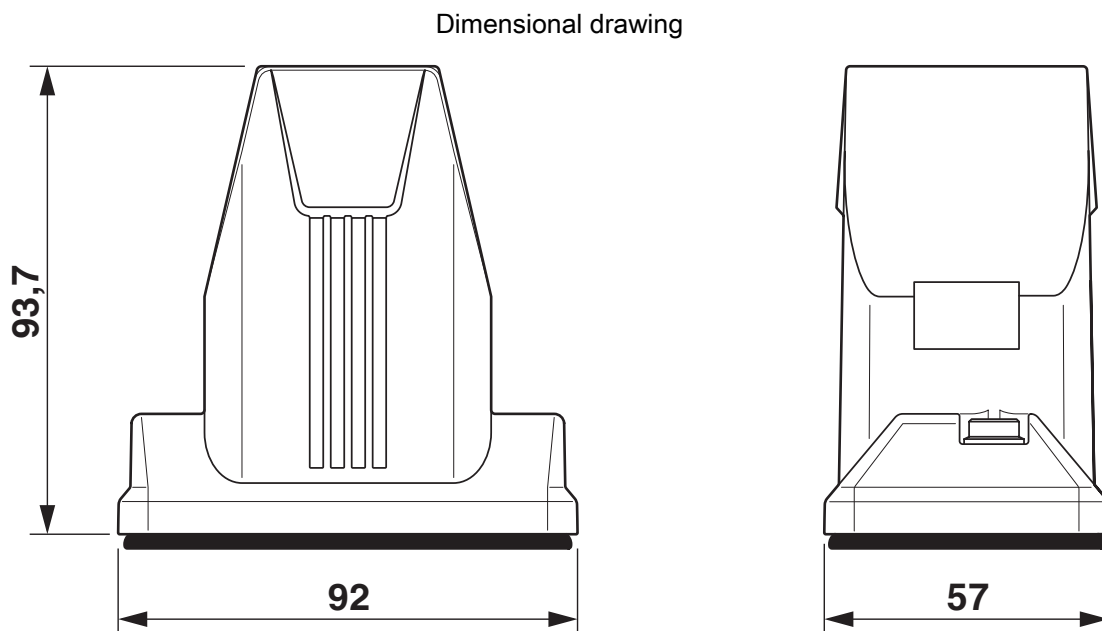
## Drawings



### Mounting cutout

1) when M4 screws are used

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



### Dimensional drawing

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Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420050>




**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 8.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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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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## Accessories

### HC-B-AF - Panel-mount flange

1686533

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

Panel-mount flange for HEAVYCON ADVANCE housing



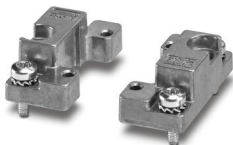
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### HC-B-AF-SET - Panel-mount flange

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 6-TMS-SD-IP50 - Protective cover

1690736

<https://www.phoenixcontact.com/us/products/1690736>



Protective cover B6, Clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

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## HC-B 6-TMS-SD-IP66 - Protective cover

1411494

<https://www.phoenixcontact.com/us/products/1411494>



HEAVYCON ADVANCE, IP66, B6 protective cover for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm

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## 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, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

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## 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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