

# 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	AF7APH
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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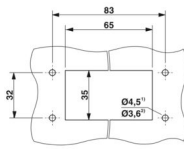
### Product properties

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

### 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

#### Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)
	IP69 (ISO 20653:2013-02)

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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

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)

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## Drawings

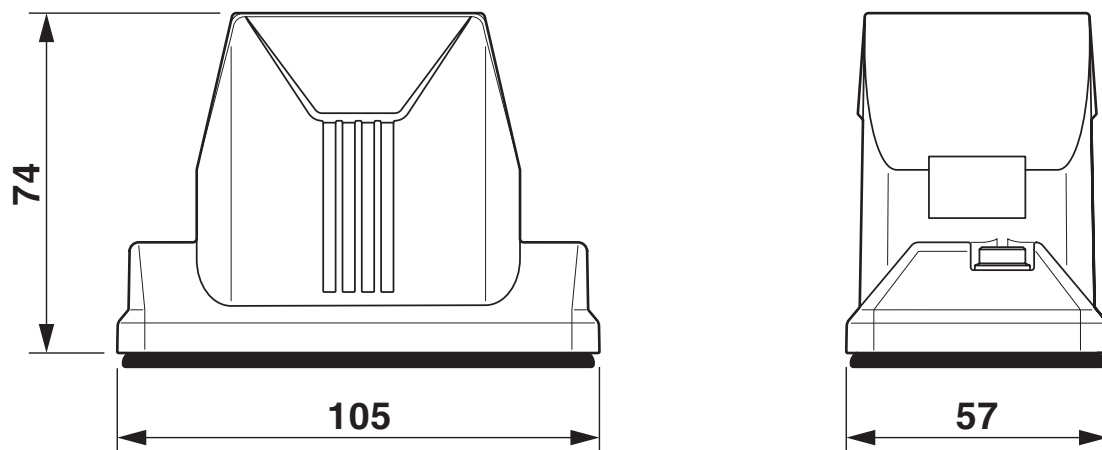


Mounting cutout

1) when M4 screws are used

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

Dimensional drawing



Dimensional drawing

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## 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

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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 10.0	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
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### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)