

# HC-ADV-B24-HHWH-1STM25-EMC-AL - Housing



1414981

<https://www.phoenixcontact.com/us/products/1414981>

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HEAVYCON ADVANCE sleeve housing, B24, with stainless steel screw locking (Allen screw), salt-water-resistant aluminum, height: 93.7 mm, with thread, 1x M25, lateral cable outlet, without surface, conductive seal (EMC properties)

## Commercial data

Item number	1414981
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	AF7APH
GTIN	4055626035987
Weight per piece (including packing)	393 g
Weight per piece (excluding packing)	382.2 g
Customs tariff number	85389099
Country of origin	PL

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## Technical data

### Notes

Notes on the product family	for contact inserts HC-B24, BB46, D64, DD108, HV10/16, M
Note on application	compatible with module carrier frames with click-in function

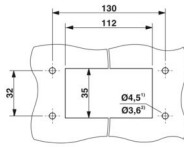
### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	Offshore/EMC
Type	B24
No. of cable outlets	1
Type of the screw connection	1x M25
Fixing screws	M6 (screw head: 5 mm Allen screw)
Cable outlet	lateral
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	93.7 mm
Length	152 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	112 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

IP66

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Degree of protection	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

Type of the screw connection	1x M25
Locking type	Screw

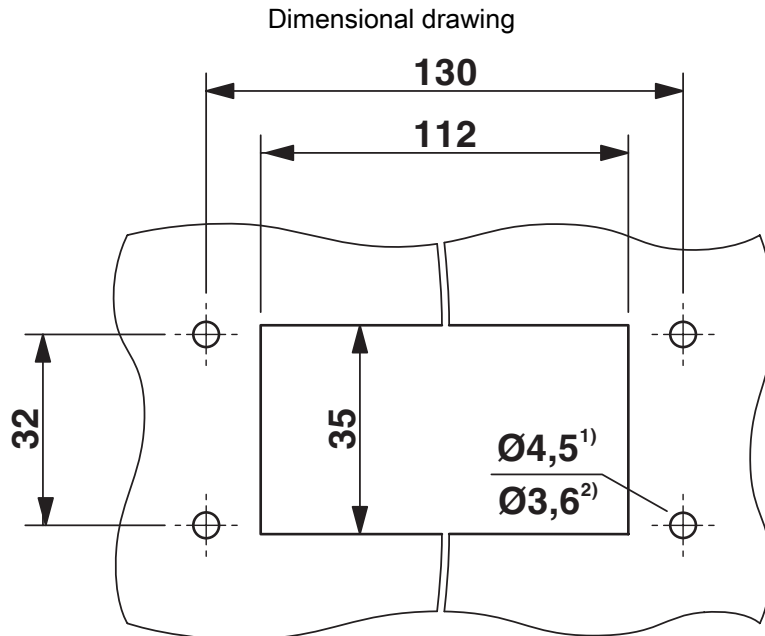
## Mounting

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/1414981>

### 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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### EF3.1 Climate Change

CO2e kg	5.992 kg CO2e
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