

# HC-B16-TMS-100/O1STM(25G32S)EE - Housing



1587988

<https://www.phoenixcontact.com/us/products/1587988>

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Product photo shows a housing with side outlet

HEAVYCON ADVANCE sleeve housing B16, with stainless steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1 x M25 straight and 1 x M32 lateral cable outlet, without surface; conductive seal (EMC properties)

## Commercial data

Item number	1587988
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF58
Product key	AF7AAA
GTIN	4046356570855
Weight per piece (including packing)	381.8 g
Weight per piece (excluding packing)	381.8 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

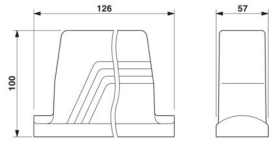
### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	Offshore/EMC
Type	B16
No. of cable outlets	2
Type of the screw connection	1x M25 / 1x M32
Fixing screws	M6 (5 mm Allen screw)
Shielded	yes
Cable outlet	straight, lateral
Pg screw connection	none

### Connection data

Tightening torque	3 Nm (Locking screw)
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### Dimensions

Dimensional drawing	
Width	57 mm
Height	100 mm
Length	126 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 mm

### Material specifications

Seal material	NBR, conductive
Housing material	Die-cast aluminum, corrosion 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)
	IP69K
	4 (NEMA 250)

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Enclosure rating (NEMA)	4X (NEMA 250)
	6P (NEMA 250)
	12 (NEMA 250)
Ambient temperature (operation)	-40 °C ... 125 °C

## Mechanical properties

### Mechanical data

Type of the screw connection	1x M25 / 1x M32
Locking type	Screw

## Mounting

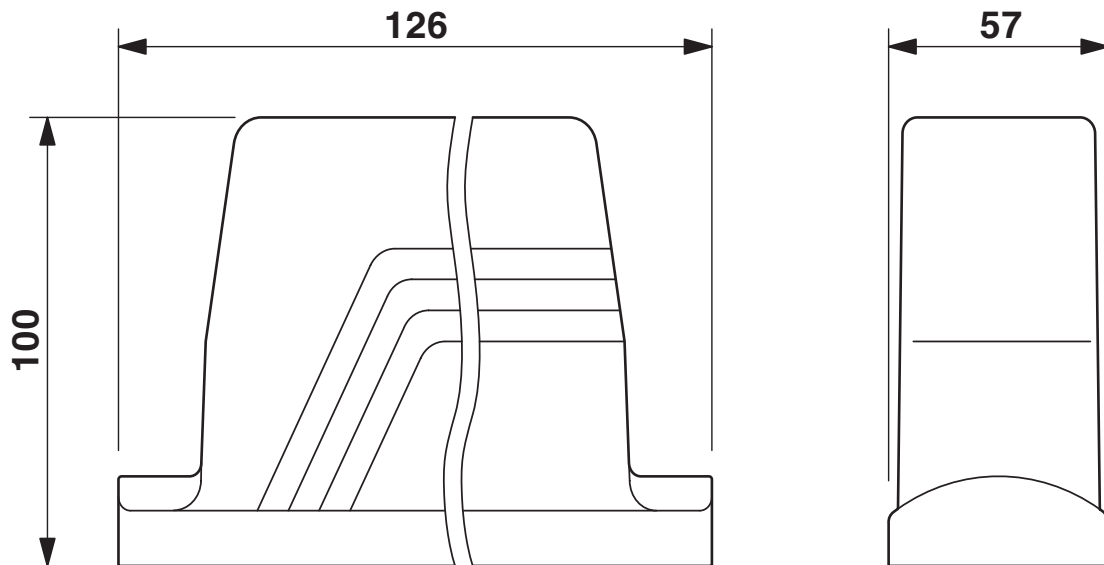
Assembly note	In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.
	To ensure optimum shielding, any insulating power coating must be removed from the profile gasket area on the control cabinet panel. Tightening torque of locking screw: 3 Nm.
Fixing screws	M6 (5 mm Allen screw)

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## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



### Mounting cutout

1) when M4 screws are used

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

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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

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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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