

# HC-B 16-TMSO1STM32G/M20G-EEE - Housing



1580495

<https://www.phoenixcontact.com/us/products/1580495>

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HEAVYCON ADVANCE sleeve housing B16, with high-grade steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1xM32 straight and M20 straight cable outlet, without surface; conductive seal (EMC properties)

## Commercial data

Item number	1580495
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	AF7AAA
GTIN	4046356438230
Weight per piece (including packing)	377.6 g
Weight per piece (excluding packing)	373.6 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K
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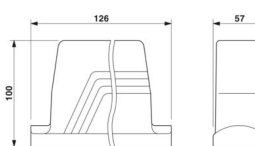
### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	Offshore/EMC
Type	B16
Type of the screw connection	1x M20 / 1x M32
Fixing screws	M6 (screw head: 5 mm Allen screw)
Cable outlet	straight

### 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, 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
Enclosure rating (NEMA)	4 (NEMA 250)
	4X (NEMA 250)

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

## Mechanical properties

### Mechanical data

Type of the screw connection	1x M20 / 1x M32
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## Mounting

Assembly note	<p>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.</p> <p>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.</p>
Fixing screws	M6 (screw head: 5 mm Allen screw)

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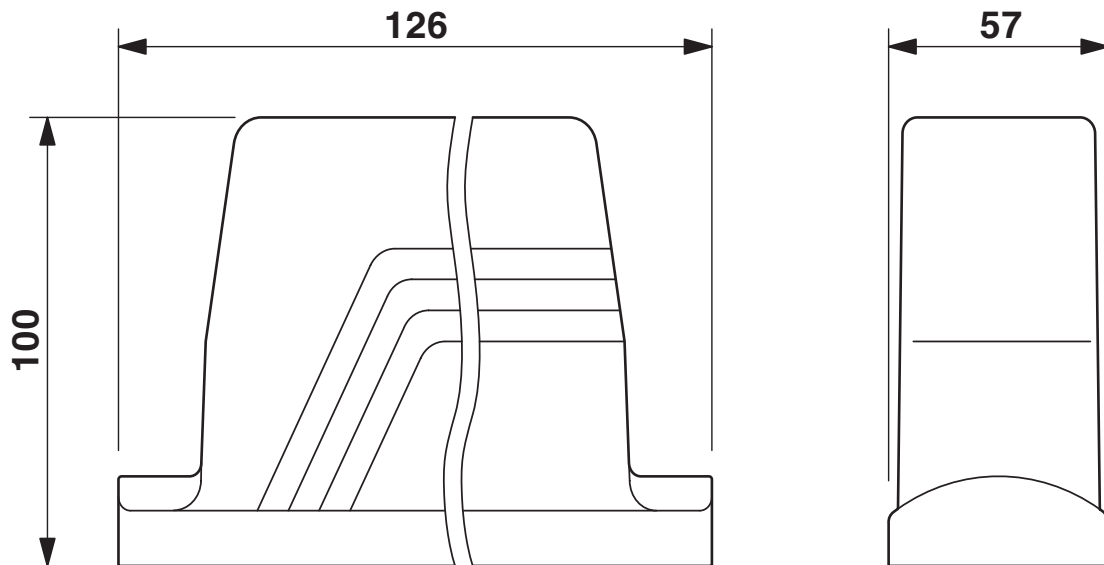


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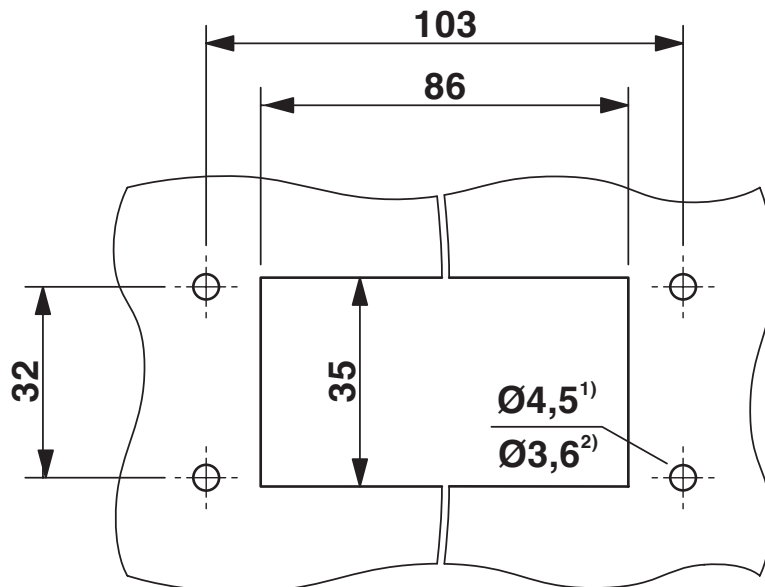
## Drawings

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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## Approvals

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**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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