HC-B 6-TMS-100/O1STM25S-EEE - Housing

1460356

https://www.phoenixcontact.com/us/products/1460356

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HEAVYCON ADVANCE sleeve housing B6, with high-grade steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1 x M25, lateral cable outlet, without surface; conductive seal (EMC properties)

Commercial data

Item number	1460356
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BF7AAA
Catalog page	Page 483 (C-4-2013)
GTIN	4046356592772
Weight per piece (including packing)	305.68 g
Weight per piece (excluding packing)	305.68 g
Country of origin	DE

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Technical data

Notes

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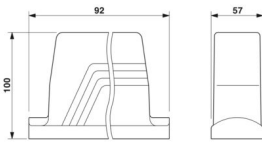
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	Offshore/EMC
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M25
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	yes
Cable outlet	lateral
Pg screw connection	none

Connection data

Tightening torque	3 Nm (Locking screw)

Dimensions

Dimensional drawing	
Width	57 mm
Height	100 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 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
Enclosure rating (NEMA)	4 (NEMA 250)
	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
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 (screw head: 5 mm Allen screw)

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Drawings

Dimensional drawing
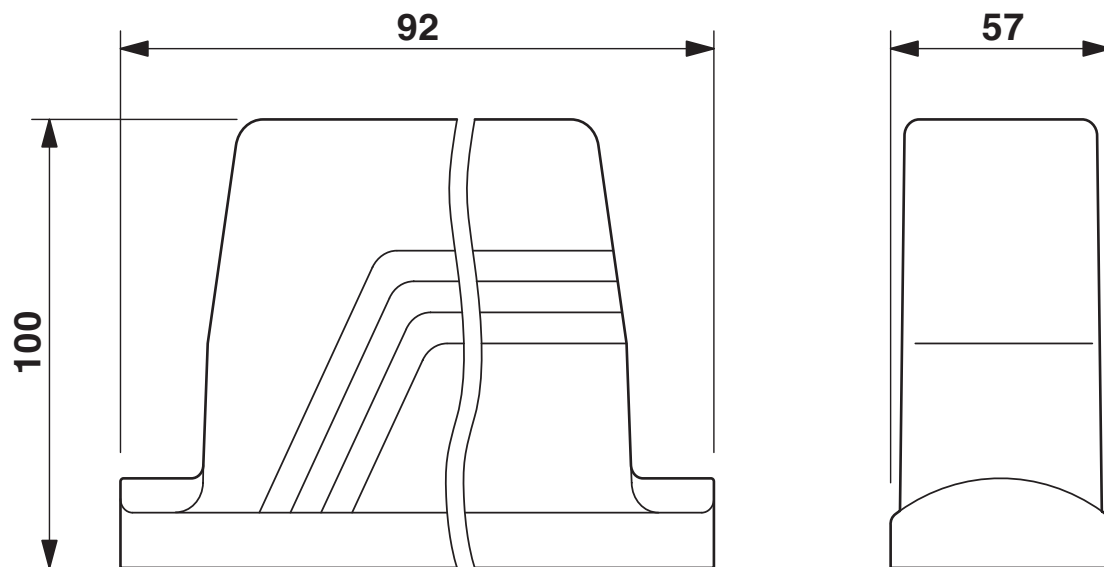
Dimensional drawing

Dimensional drawing
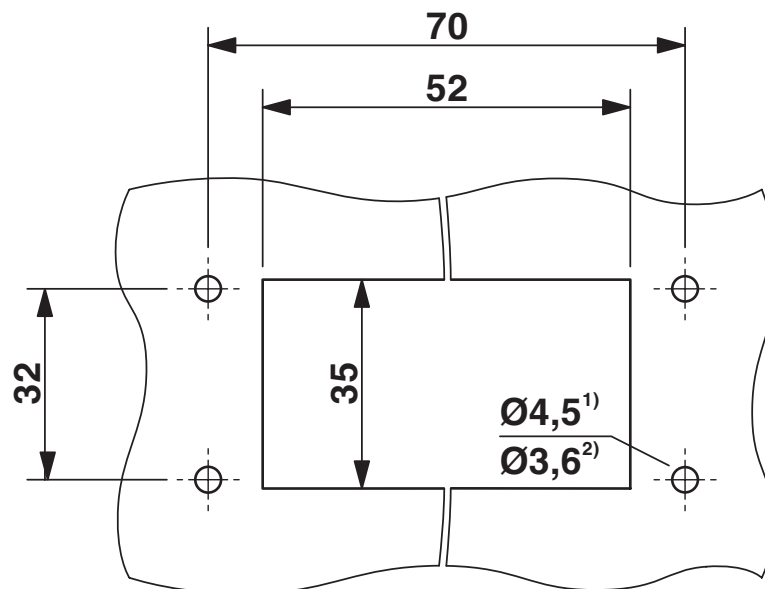
Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-13.0	27440202

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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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

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

1604638

https://www.phoenixcontact.com/us/products/1604638
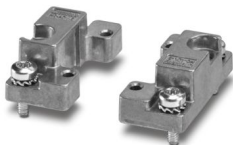
Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of: 2 panel-mount flanges with 4 self-tapping screws (M4, Torx[®]) and 4 fan-type washers

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HC-B 6-TMS-SD-IP50 - Protective cover

1690736

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

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

HC-B 6-TMS-SD-IP65 - Protective cover

1690778

https://www.phoenixcontact.com/us/products/1690778

HEAVYCON ADVANCE IP65 protective cover B6, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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G-INS-M25-M68N-PNES-GY - Cable gland

1411126

https://www.phoenixcontact.com/us/products/1411126

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-grey RAL 7001

G-INS-M25-M68N-PNES-BK - Cable gland

1411134

https://www.phoenixcontact.com/us/products/1411134

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

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G-INS-M25-M68N-NNES-S - Cable gland

1411165

https://www.phoenixcontact.com/us/products/1411165

Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-M-KV-M25(14-21) - Cable gland

1646007

https://www.phoenixcontact.com/us/products/1646007

Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25

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G-INSEC-M25-S68N-NCRS-S - Cable gland

1411190

https://www.phoenixcontact.com/us/products/1411190

Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 11 mm … 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-M-KV-Z-M25 - Cable gland

1646159

https://www.phoenixcontact.com/us/products/1646159

Metal screw connection with strain relief clamp, thread length: 7 mm, cable sealing area: 10 - 19 mm, clamping area: 12 - 22 mm, SW 30, screw connection: M25

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HC-M-KV-T-M25 - Cable gland

1646191

https://www.phoenixcontact.com/us/products/1646191

Metal screw connection with cable bend protection and strain relief, thread length: 7 mm, cable sealing area: 10 - 19 mm, clamping area: 14 - 21 mm, SW 30, screw connection: M25

REDUC-M-KV-M25/M20 - Reducing adapter

1647624

https://www.phoenixcontact.com/us/products/1647624

Reducing adapter, connecting thread: M25 x 1.5, color: silver, with O-ring

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ENLAR-M-KV-M25/M32 - Extension adapter

1647679

https://www.phoenixcontact.com/us/products/1647679

Extension adapter, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-M-BS-M25 - Screw plug

1645859

https://www.phoenixcontact.com/us/products/1645859

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M25 x 1.5, color: silver

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HC-B 6-TMS-EEE-PR-DI - Profile gasket

1409794

https://www.phoenixcontact.com/us/products/1409794

Profile gasket for sleeve housing type B6.....EEE

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