

1460357
<https://www.phoenixcontact.com/us/products/1460357>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



HEAVYCON ADVANCE sleeve housing B10, with high-grade steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1 x M32 lateral cable outlet, without surface; conductive seal (EMC properties)

Commercial data

Item number	1460357
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BF7AAA
Catalog page	Page 491 (C-4-2013)
GTIN	4046356592789
Weight per piece (including packing)	350.64 g
Weight per piece (excluding packing)	22.22 g
Country of origin	DE

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

Technical data

Notes

General	For contact inserts HC-B10, BB18, DD42, M, K8/24
---------	--

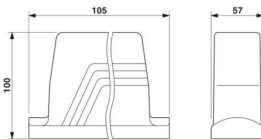
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	Offshore/EMC
Type	B10
No. of cable outlets	1
Type of the screw connection	1x M32
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	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, 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)

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

Enclosure rating (NEMA)	IP69K
	4 (NEMA 250)
	4X (NEMA 250)
	6P (NEMA 250)
Ambient temperature (operation)	12 (NEMA 250)
	-40 °C ... 125 °C

Mechanical properties

Mechanical data

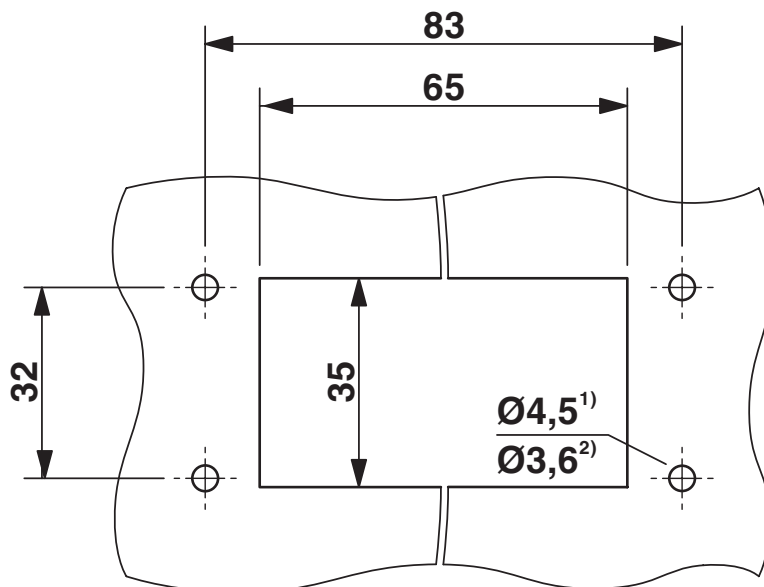
Type of the screw connection	1x M32
Locking type	Screw

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 (screw head: 5 mm Allen screw)

Drawings

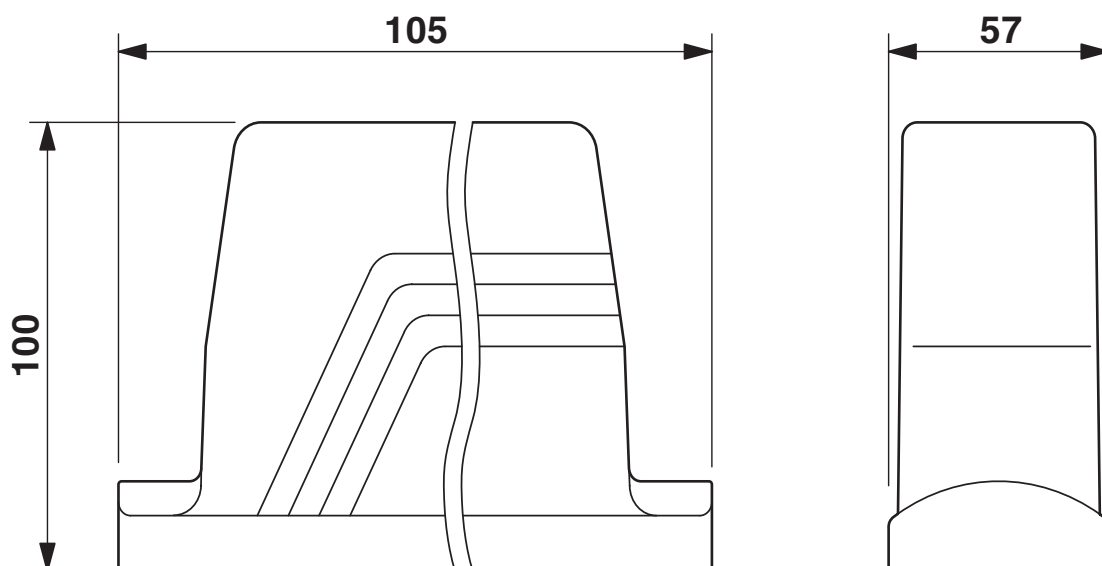
Dimensional drawing



Panel cutout

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

Dimensional drawing



Dimensional drawing

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

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%
-------------------------------------	----------------------------

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

Accessories

HC-B-AF - Panel-mount flange

1686533

<https://www.phoenixcontact.com/us/products/1686533>

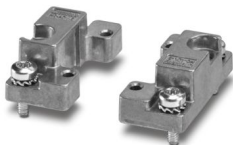


Panel-mount flange for HEAVYCON ADVANCE housing

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

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

HC-B 10-TMS-SD-IP50 - Protective cover

1690749

<https://www.phoenixcontact.com/us/products/1690749>



Protective cover B10, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

HC-B 10-TMS-SD-IP65 - Protective cover

1690781

<https://www.phoenixcontact.com/us/products/1690781>



HEAVYCON ADVANCE IP65 protective cover B10, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

HC-B-TMS-ERSSCHR-IMB - Screw

1409244

<https://www.phoenixcontact.com/us/products/1409244>



Replacement locking screw, M6, stainless steel, for HEAVYCON-ADVANCE housing, HC-B...TMS...EEE design, 5 mm Allen screw

G-INS-M32-M68N-PNES-GY - Cable gland

1411127

<https://www.phoenixcontact.com/us/products/1411127>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver-grey RAL 7001

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

G-INS-M32-M68N-PNES-BK - Cable gland

1411136

<https://www.phoenixcontact.com/us/products/1411136>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: jet black RAL 9005

G-INS-M32-M68N-NNES-S - Cable gland

1411166

<https://www.phoenixcontact.com/us/products/1411166>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

HC-B 10-TMS-100/O1STM32S-EEE - Housing

1460357

<https://www.phoenixcontact.com/us/products/1460357>



HC-M-KV-M32(19-27) - Cable gland

1646010

<https://www.phoenixcontact.com/us/products/1646010>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 19 - 27 mm, WAF 43, screw connection: M32

G-INSEC-M32-M68N-NCRS-S - Cable gland

1411191

<https://www.phoenixcontact.com/us/products/1411191>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 14 mm ... 21 mm, shielding: yes, connecting thread: M32 x 1.5, color: silver, with O-ring

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

HC-M-KV-Z-M32 - Cable gland

1646162

<https://www.phoenixcontact.com/us/products/1646162>



Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 19 - 30 mm, SW 40, screw connection: M32

HC-M-KV-T-M32 - Cable gland

1646201

<https://www.phoenixcontact.com/us/products/1646201>



Metal screw connection with cable bend protection and strain relief, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 20 - 30 mm, SW 40, screw connection: M32

HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

REDUC-M-KV-M32/M25 - Reducing adapter

1647637

<https://www.phoenixcontact.com/us/products/1647637>

Reducing adapter, connecting thread: M32 x 1.5, color: silver, with O-ring



ENLAR-M-KV-M32/M40 - Extension adapter

1647682

<https://www.phoenixcontact.com/us/products/1647682>

Extension adapter, connecting thread: M32 x 1.5, color: silver, with O-ring



HC-B 10-TMS-100/O1STM32S-EEE - Housing

1460357

<https://www.phoenixcontact.com/us/products/1460357>



HC-M-BS-M32 - Screw plug

1645862

<https://www.phoenixcontact.com/us/products/1645862>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M32 x 1.5, color: silver



HC-B 10-TMS-EEE-PR-DI - Profile gasket

1409804

<https://www.phoenixcontact.com/us/products/1409804>

Profile gasket for sleeve housing type B10.....EEE



HC-B 10-TMS-100/O1STM32S-EEE - Housing



1460357

<https://www.phoenixcontact.com/us/products/1460357>

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

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com