Housing - HC-ADV-B10-HLWH-1STM25-EMC-AL

1413391

https://www.phoenixcontact.com/us/products/1413391

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HEAVYCON ADVANCE sleeve housing, B10, with stainless steel screw locking (Allen screw), salt-water-resistant aluminum, height 74 mm, with 1x M25 thread, lateral cable outlet, without surface; conductive seal (EMC properties)

Commercial Data

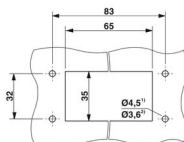|	
Item number	1413391
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B10
Product Key	BF7APH
Catalog Page	Page 603 (C-2-2019)
GTIN	4055626030265
Weight per Piece (including packing)	230 g
Weight per Piece (excluding packing)	229.32 g
Customs tariff number	85389099
Country of origin	CN

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Technical Data

Notes

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

Product properties

Type	B10
Product type	Housing with screw locking
Application	Offshore/EMC
No. of cable outlets	1
Type of the screw connection	1x M25
Fixing screws	M6 (screw head: 5 mm Allen screw)
Housing type	Sleeve housing
Locking type	with screw locking
Cable outlet	lateral
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	57 mm
Height	74 mm
Length	105 mm

Installation dimensions	
Width of the assembly cutout	35 mm
Length of the assembly cutout	65 mm

Material specifications

Color	gray aluminum
Sealing material	NBR, conductive
Housing surface material	uncoated
Locking latch material	Stainless steel
Impact strength	IK09
Housing material	Die-cast aluminum, salt water resistant

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP66
	IP68 (0.2 bar/24 h)

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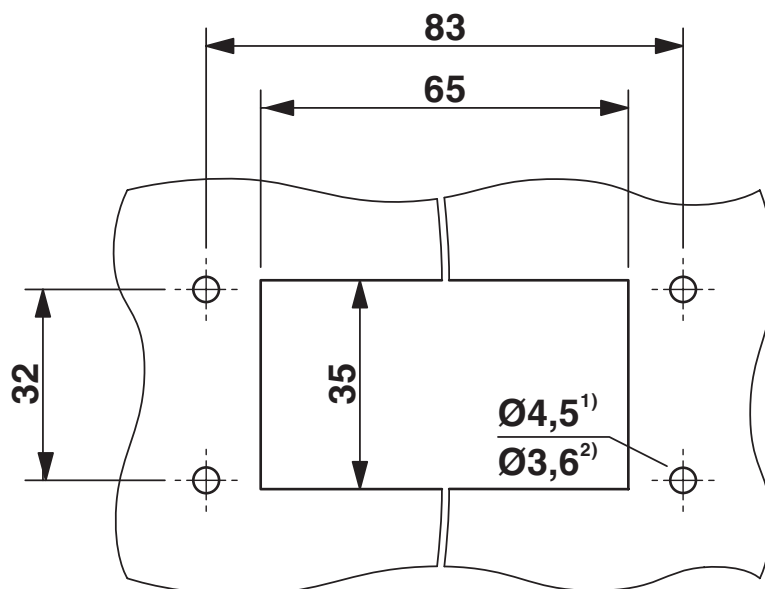|	IP69 (ISO 20653:2013-02)
Degree of protection	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

Mechanical data

Type of the screw connection	1x M25
Locking type	Screw

Mounting

Fixing screws	M6 (screw head: 5 mm Allen screw)

Drawings

Dimensional drawing

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

Dimensional drawing
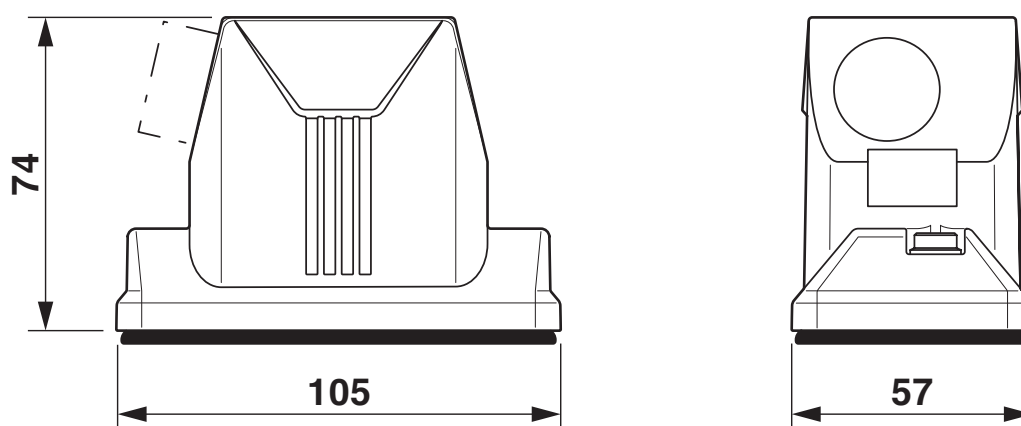
Dimensional drawing

Approvals

DNV
Approval ID: TAE000037S

cUL Recognized
Approval ID: E255026

UL Recognized
Approval ID: E255026

EAC
Approval ID: RU C-DE.AI30.B.01102

EAC
Approval ID: RU C-DE.BL08.B.00511

cULus Recognized

Classifications

ECLASS

ECLASS-9.0	27440202
ECLASS-10.0.1	27440202
ECLASS-11.0	27440202

ETIM

ETIM 8.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Accessories

Panel-mount flange

Panel-mount flange - HC-B-AF - 1686533

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

Panel-mount flange for HEAVYCON ADVANCE housing

Panel-mount flange

Panel-mount flange - HC-B-AF-SET - 1604638

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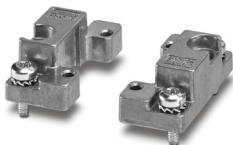
Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of: 2 panel-mount flanges with 4 self-tapping screws (M4, Torx®) and 4 fan-type washers

Protective cover

Protective cover - HC-B 10-TMS-SD-IP50 - 1690749

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

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

Protective cover

Protective cover - HC-B 10-TMS-SD-IP66 - 1411504

https://www.phoenixcontact.com/us/products/1411504

HEAVYCON ADVANCE, IP66, B10 protective cover for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm

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Screw insert

Screw insert - SF-BIT-HEXB 5-89 - 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

Screwdriver

Screwdriver - SF-M BH - 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

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Cable gland

Cable gland - G-INS-M25-M68N-NNES-S - 1411165

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

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

Cable gland

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

Cable gland - HC-EMV-KV-M25(9-16,5) - 1690516

https://www.phoenixcontact.com/us/products/1690516

EMC screw connection up to 5 bar, thread length: 7.5 mm, cable diameter: 9.0 - 16.5 mm, WAF 29, screw connection: M25

Cable gland

Cable gland - HC-M-KV-M25(1ASI) - 1584020

https://www.phoenixcontact.com/us/products/1584020

Metal screw connection for an AS-Interface flat-ribbon conductor, thread type M25

Cable gland

Cable gland - HC-M-KV-M25(1X10/1X11) - 1580228

https://www.phoenixcontact.com/us/products/1580228

Special cable screw connection M25, brass nickel-plated, grommet with 10 mm and 11 mm holes

Plastic label

Plastic label - US-EMLP (20X9) CUS - 0830085

https://www.phoenixcontact.com/us/products/0830085

Plastic label, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 75

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Screw connection

Screw connection - WP-G HF IP66 M25 BK - 3240899

https://www.phoenixcontact.com/us/products/3240899

Cable gland, metric thread, IP66 protection, straight

Screw connection

Screw connection - WP-G HF IP69K M25 BK - 3240885

https://www.phoenixcontact.com/us/products/3240885

Cable gland, metric thread, IP68/69k protection, straight

Screw connection

Screw connection - WP-GA HF IP66 M25 BK - 3240927

https://www.phoenixcontact.com/us/products/3240927

Cable gland, metric thread, IP66 protection, angled

Screw connection

Screw connection - WP-GA HF IP69K M25 BK - 3240913

https://www.phoenixcontact.com/us/products/3240913

Cable gland, metric thread, IP68/69k protection, angled

Screw connection

Screw connection - WP-GR HF IP66 M25 BK - 3240955

https://www.phoenixcontact.com/us/products/3240955

Cable gland, metric thread, IP66 protection, with strain relief

Screw connection

Screw connection - WP-GR HF IP69K M25 BK - 3240941

https://www.phoenixcontact.com/us/products/3240941

Cable gland, metric thread, IP68/69k protection, with strain relief

Screw connection

Screw connection - WP-G PP HF M25 - 3240999

https://www.phoenixcontact.com/us/products/3240999

Cable gland made from PP with metric thread, IP65 protection

Screw connection

Screw connection - WP-GT PP HF M25 - 3241013

https://www.phoenixcontact.com/us/products/3241013

Cable gland made from PP with metric thread, rotatable, IP54 protection

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Screw connection

Screw connection - WP-G BRASS IP40 M25 - 3241048

https://www.phoenixcontact.com/us/products/3241048

Cable gland made from brass with metric thread, IP40 protection

Screw connection

Screw connection - WP-GT BRASS M25 - 3241034

https://www.phoenixcontact.com/us/products/3241034

Cable gland made from brass with metric thread, rotatable, IP40 protection

Screw connection

Screw connection - WP-G BRASS IP65 M25 - 3241062

https://www.phoenixcontact.com/us/products/3241062

Cable gland made from brass with metric thread, IP65 protection

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