Housing - HC-ADV-B10-HLWH-1TTM20-EMC-AL

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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 M20 thread, straight cable outlet, without surface; conductive seal (EMC properties)

Commercial Data

Item number	1413388
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF7APH
Product Key	BF7APH
Catalog Page	Page 603 (C-2-2019)
GTIN	4055626030234
Weight per Piece (including packing)	231.3 g
Weight per Piece (excluding packing)	229.32 g
Customs tariff number	85389099
Country of origin	CN

Technical Data
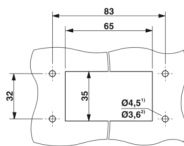
Notes

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 M20
Fixing screws	M6 (screw head: 5 mm Allen screw)
Housing type	Sleeve housing
Locking type	with screw locking
Cable outlet	straight
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

Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)
	IP69 (ISO 20653:2013-02)
	4 (UL 50e)

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Degree of protection	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 M20
Locking type	Screw

Mounting

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

Drawings

Dimensional drawing
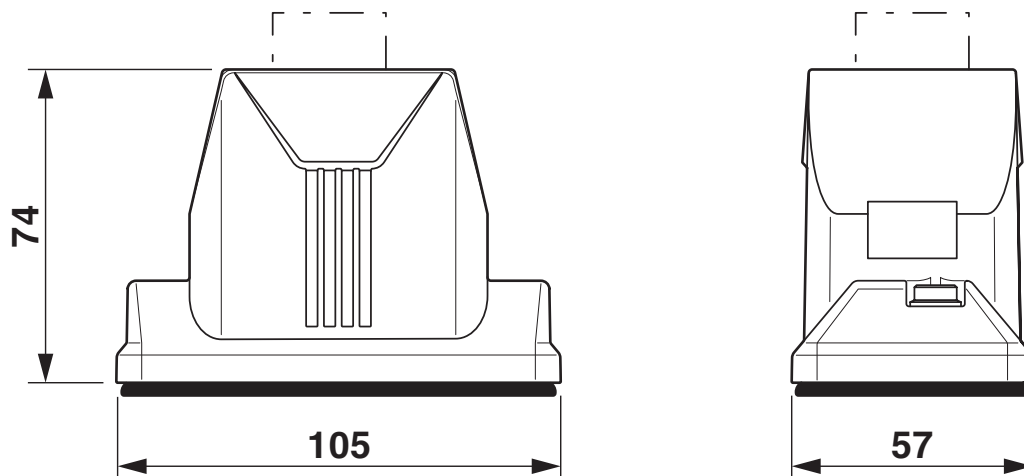
83

65

32

35

Ø4,5[1)]
Ø3,6[2)]
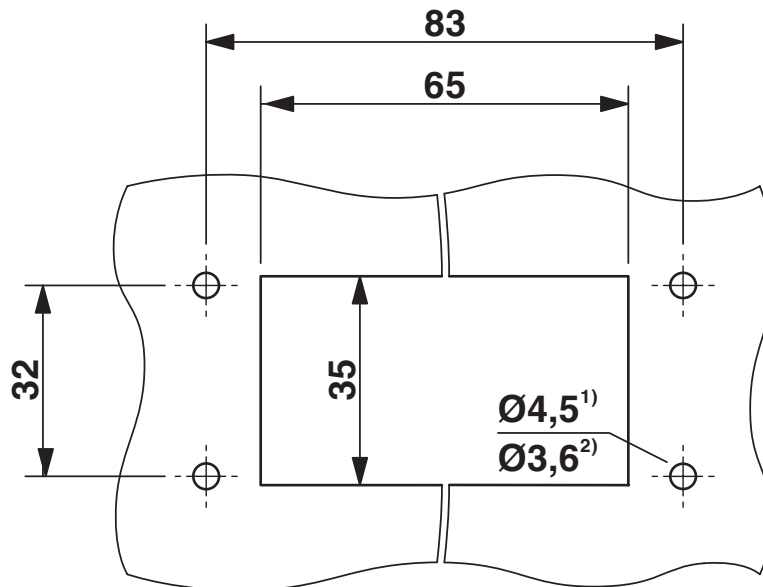
Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Dimensional drawing

74

105

57

Dimensional drawing

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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

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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

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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Accessories

Mounting flange

Mounting flange - HC-B-AF - 1686533

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

Panel mounting flange for HEAVYCON-ADVANCE TMS housing with screw locking

Screw connection

Screw connection - WP-G HF IP66 M20 BK - 3240898

https://www.phoenixcontact.com/au/products/3240898

Cable gland, metric thread, IP66 protection, straight

Mounting flange

Mounting flange - HC-B-AF-SET - 1604638

https://www.phoenixcontact.com/au/products/1604638

Panel mounting flange for screw locking, set comprising 2 panel mounting flanges with 4 self-tapping screws (M4, Torx®) and 4 fan-type washers
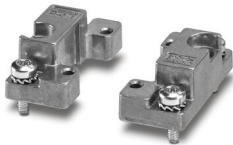
Screw connection

Screw connection - WP-G HF IP69K M20 BK - 3240884

https://www.phoenixcontact.com/au/products/3240884

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

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Protective cover

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

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

Protective cover B10, Clip locking, protective cover material: PA, height: 31.2 mm, seal: no, diameter of retaining cord eyelet: 4 mm, with lanyard

Screw connection

Screw connection - WP-GA HF IP66 M20 BK - 3240926

https://www.phoenixcontact.com/au/products/3240926

Cable gland, metric thread, IP66 protection, angled

Protective cover

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

https://www.phoenixcontact.com/au/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

Screw connection

Screw connection - WP-GA HF IP69K M20 BK - 3240912

https://www.phoenixcontact.com/au/products/3240912

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

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Screw insert

Screw insert - SF-BIT-HEXB 5-89 - 1208911

https://www.phoenixcontact.com/au/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

Screw connection

Screw connection - WP-GR HF IP66 M20 BK - 3240954

https://www.phoenixcontact.com/au/products/3240954

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

Screwdriver

Screwdriver - SF-M BH - 1212070

https://www.phoenixcontact.com/au/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

Screw connection

Screw connection - WP-GR HF IP69K M20 BK - 3240940

https://www.phoenixcontact.com/au/products/3240940

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

Screw connection

Screw connection - WP-G PP HF M20 - 3240998

https://www.phoenixcontact.com/au/products/3240998

Cable gland made from PP with metric thread, IP65 protection

Cable gland

Cable gland - G-INS-M20-S68N-NNES-S - 1411163

https://www.phoenixcontact.com/au/products/1411163

Cable gland, cable gland material: Nickel-plated brass, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

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Screw connection

Screw connection - WP-GT PP HF M20 - 3241012

https://www.phoenixcontact.com/au/products/3241012

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

Cable gland

Cable gland - HC-M-KV-M20(11-16) - 1645998

https://www.phoenixcontact.com/au/products/1645998

Metal screw connection up to 5 bar, thread length: 6 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M20

Screw connection

Screw connection - WP-G BRASS IP40 M20 - 3241047

https://www.phoenixcontact.com/au/products/3241047

Cable gland made from brass with metric thread, IP40 protection

Cable gland

Cable gland - HC-M-KV-M20(1ASI) - 1584017

https://www.phoenixcontact.com/au/products/1584017

Metal screw connection for an AS-Interface flat-ribbon conductor, thread type M20

Screw connection

Screw connection - WP-GT BRASS M20 - 3241033

https://www.phoenixcontact.com/au/products/3241033

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

Plastic label

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

https://www.phoenixcontact.com/au/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

Screw connection

Screw connection - WP-G BRASS IP65 M20 - 3241061

https://www.phoenixcontact.com/au/products/3241061

Cable gland made from brass with metric thread, IP65 protection