HC-ADV-B06-HLWH-1STM25-EMC-AL - Housing

1413365

https://www.phoenixcontact.com/us/products/1413365

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HEAVYCON ADVANCE sleeve housing, B6, 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	1413365
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7APH
Catalog page	Page 597 (C-2-2019)
GTIN	4055626029986
Weight per piece (including packing)	209 g
Weight per piece (excluding packing)	207.344 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

Notes

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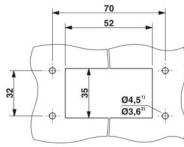
Product properties

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

Connection data

Tightening torque	3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing)

Dimensions

Dimensional drawing	
Width	57 mm
Height	74 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, salt water resistant
Housing surface material	uncoated
Locking latch material	Stainless steel

Environmental and real-life conditions

Ambient conditions	
	IP66

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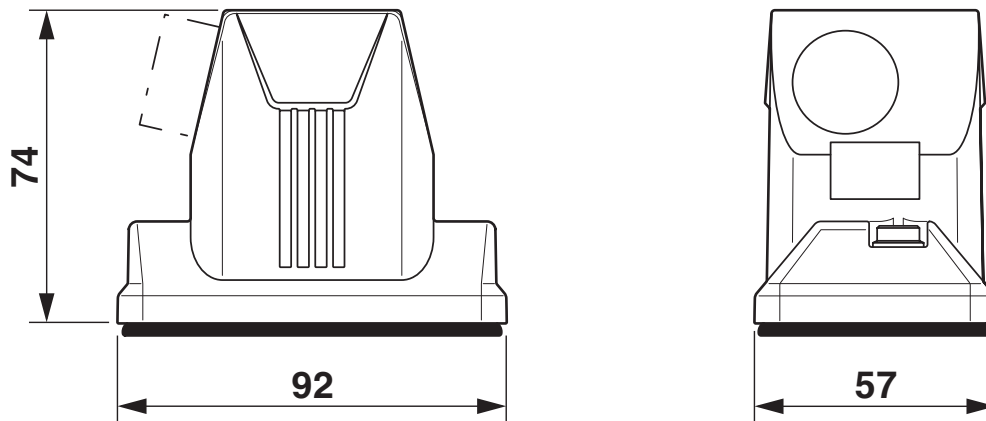|	
Degree of protection	IP68 (0.2 bar/24 h)
	IP69 (ISO 20653:2013-02)
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

Mechanical data

Type of the screw connection	1x M25
Locking type	Screw

Mounting

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

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Drawings

Dimensional drawing

74

92

57

Dimensional drawing

70

52

32

35

$Ø4{,}5^{1)}$

$Ø3{,}6^{2)}$
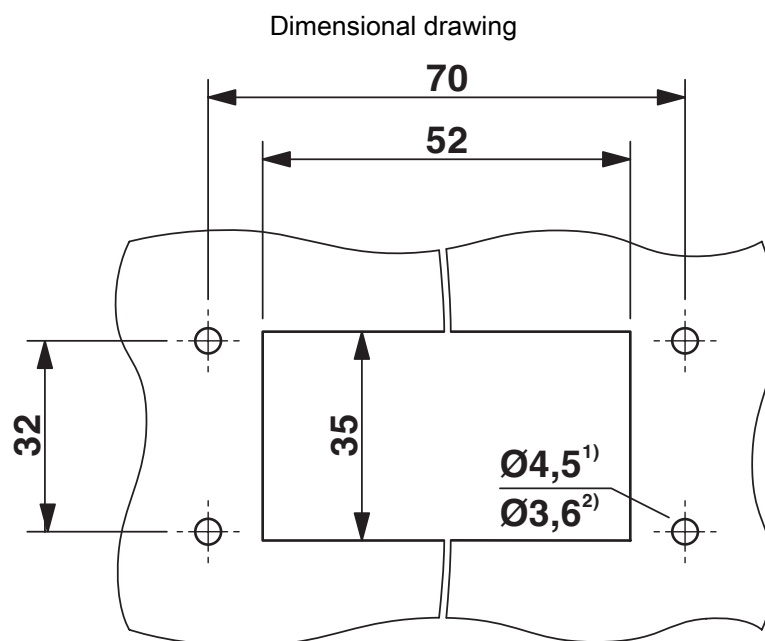
Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1413365

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-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 9.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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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-IP66 - Protective cover

1411494

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HEAVYCON ADVANCE, IP66, B6 protective cover 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-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

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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

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

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

1584020

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

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

US-EMLP-HA (20X9) - Plastic label

0830989

https://www.phoenixcontact.com/us/products/0830989

Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

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

0830995

https://www.phoenixcontact.com/us/products/0830995

Plastic label, Card, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

WP-G HF IP66 M25 BK - Screw connection

3240899

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

Cable gland, metric thread, IP66 protection, straight

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1413365

https://www.phoenixcontact.com/us/products/1413365

WP-G HF IP69K M25 BK - Screw connection

3240885

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

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

WP-GA HF IP66 M25 BK - Screw connection

3240927

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

Cable gland, metric thread, IP66 protection, angled

HC-ADV-B06-HLWH-1STM25-EMC-AL - Housing

WP-GA HF IP69K M25 BK - Screw connection

3240913

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

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

WP-GR HF IP66 M25 BK - Screw connection

3240955

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

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

WP-GR HF IP69K M25 BK - Screw connection

3240941

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

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

WP-G PP HF M25 - Screw connection

3240999

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

Cable gland made from PP with metric thread, IP65 protection

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WP-GT PP HF M25 - Screw connection

3241013

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

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

WP-G BRASS IP40 M25 - Screw connection

3241048

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

Cable gland made from brass with metric thread, IP40 protection

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WP-GT BRASS M25 - Screw connection

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

WP-G BRASS IP65 M25 - Screw connection

Cable gland made from brass with metric thread, IP65 protection

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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