

HC-ADV-B10-HLWH-1STM25-MF-BK - Housing



1420911

<https://www.phoenixcontact.com/pc/products/1420911>

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Sleeve housing B10, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M25, height: 74 mm, cable gland: none, increased environmental requirements

Commercial data

Item number	1420911
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BF7API
Catalog page	Page 603 (C-2-2019)
GTIN	4055626249100
Weight per piece (including packing)	237 g
Weight per piece (excluding packing)	232.8 g
Customs tariff number	85389099
Country of origin	CN

Technical data

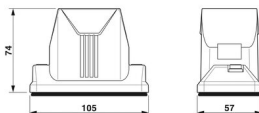
Notes

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

Type	B10
Product type	Housing with screw locking
Application	increased environmental requirements
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
Shielded	no
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

Seal material	Viton
Housing surface material	Powder-coated, black
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)
	IP69 (ISO 20653:2013-02)

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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

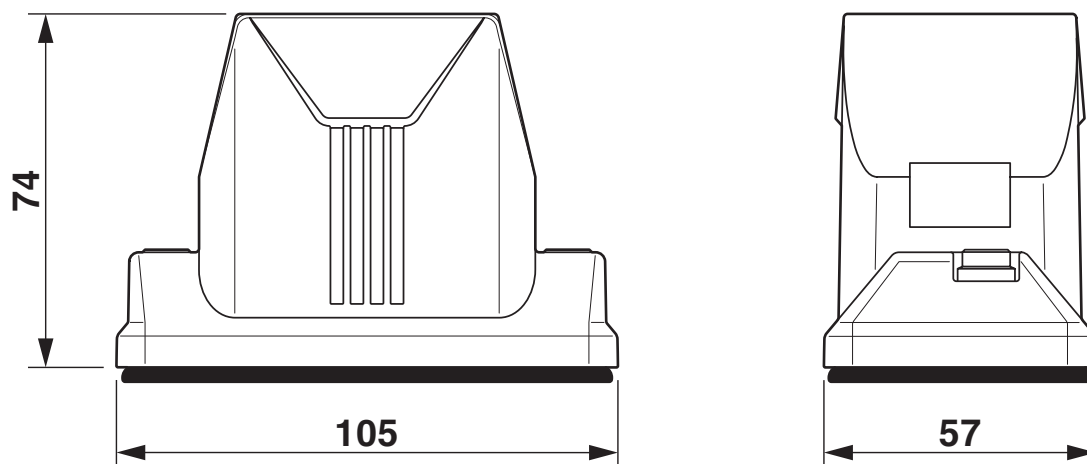
Type of the screw connection	1x M25
Locking type	Screw

Mounting

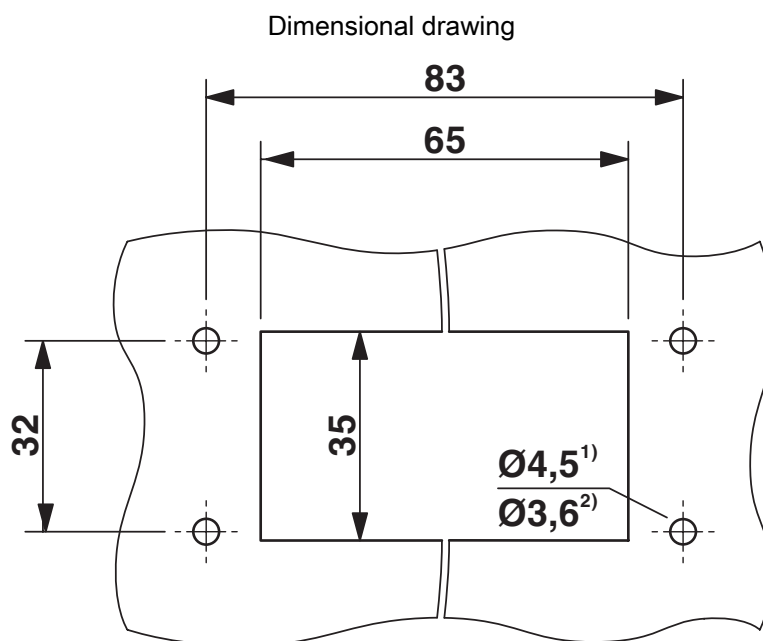
Fixing screws	M6 (screw head: 5 mm Allen screw)
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Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

1) when M4 screws are used

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

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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1420911>

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 8.0	EC000437
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

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

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Accessories

HC-B-AF - Panel-mount flange

1686533

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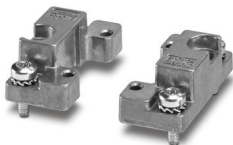


Panel-mount flange for HEAVYCON ADVANCE housing

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

1604638

<https://www.phoenixcontact.com/pc/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 10-TMS-SD-IP50 - Protective cover

1690749

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



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

HC-K-KV-M25(11-17) - Cable gland

1690639

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Plastic screw connection up to 5 bar, thread length: 8 mm, cable diameter: 11 - 17 mm, WAF 29, screw connection: M25

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

1646007

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

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

1690516

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

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

1584020

<https://www.phoenixcontact.com/pc/products/1584020>



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

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

1580228

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

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

1411165

<https://www.phoenixcontact.com/pc/products/1411165>



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

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

0830989

<https://www.phoenixcontact.com/pc/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/pc/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

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Cable gland, metric thread, IP66 protection, straight



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WP-G HF IP69K M25 BK - Screw connection

3240885

<https://www.phoenixcontact.com/pc/products/3240885>

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



WP-GA HF IP66 M25 BK - Screw connection

3240927

<https://www.phoenixcontact.com/pc/products/3240927>

Cable gland, metric thread, IP66 protection, angled



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WP-GA HF IP69K M25 BK - Screw connection

3240913

<https://www.phoenixcontact.com/pc/products/3240913>

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



WP-GR HF IP66 M25 BK - Screw connection

3240955

<https://www.phoenixcontact.com/pc/products/3240955>

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



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WP-GR HF IP69K M25 BK - Screw connection

3240941

<https://www.phoenixcontact.com/pc/products/3240941>



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

WP-G PP HF M25 - Screw connection

3240999

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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/pc/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/pc/products/3241048>



Cable gland made from brass with metric thread, IP40 protection

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WP-GT BRASS M25 - Screw connection

3241034

<https://www.phoenixcontact.com/pc/products/3241034>



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

WP-G BRASS IP65 M25 - Screw connection

3241062

<https://www.phoenixcontact.com/pc/products/3241062>



Cable gland made from brass with metric thread, IP65 protection

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SF-BIT-HEXB 5-89 - Screw insert

1208911

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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/pc/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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