

1420901
<https://www.phoenixcontact.com/us/products/1420901>

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Sleeve housing B6, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x M32, height: 93.7 mm, cable gland: none, increased environmental requirements

Commercial data

Item number	1420901
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7API
Catalog page	Page 597 (C-2-2019)
GTIN	4055626249001
Weight per piece (including packing)	251 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85389099
Country of origin	CN

Technical data

Notes

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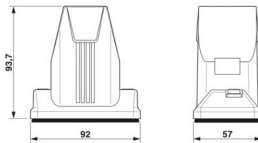
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	increased environmental requirements
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M32
Type	Tall design
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	no
Cable outlet	straight
Pg screw connection	none

Connection data

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

Dimensional drawing	
Width	57 mm
Height	93.7 mm
Length	92 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	52 mm

Material specifications

Seal material	Viton
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel

Environmental and real-life conditions

Ambient conditions

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Degree of protection	IP66
	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

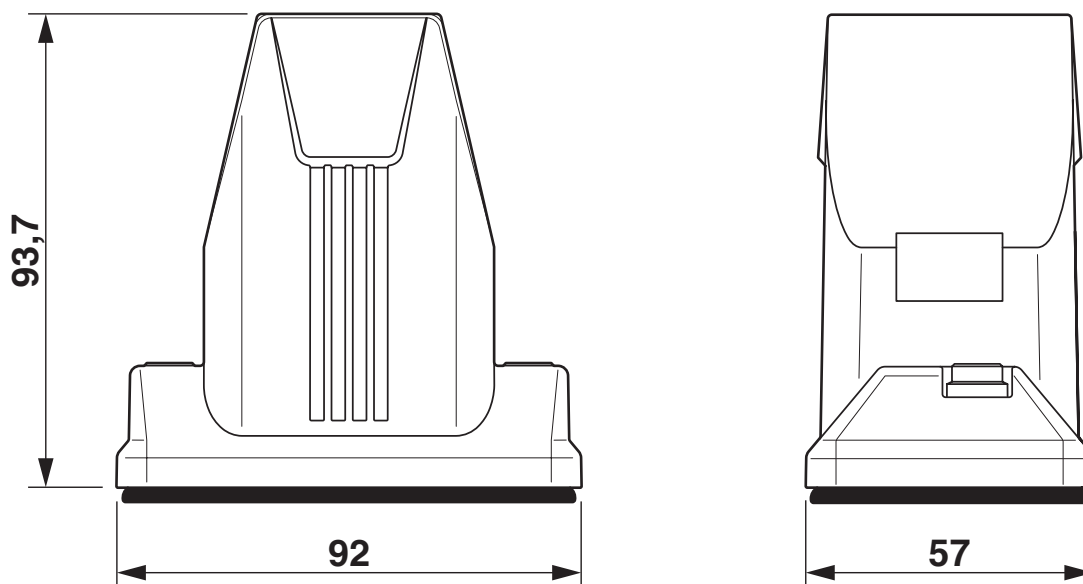
Type of the screw connection	1x M32
Locking type	Screw

Mounting

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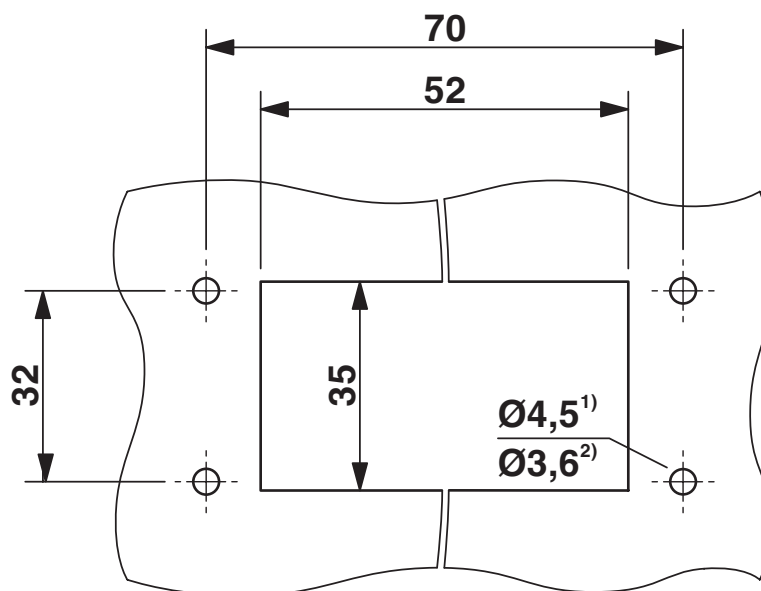
Drawings

Dimensional drawing



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/us/products/1420901>

**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-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 9.0	EC000437
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UNSPSC

UNSPSC 21.0	31261500
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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

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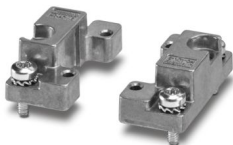


Panel-mount flange for HEAVYCON ADVANCE housing

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

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

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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-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

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

0830989

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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

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

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WP-G HF IP66 M32 BK - Screw connection

3240900

<https://www.phoenixcontact.com/us/products/3240900>

Cable gland, metric thread, IP66 protection, straight



WP-G HF IP69K M32 BK - Screw connection

3240886

<https://www.phoenixcontact.com/us/products/3240886>

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



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WP-GA HF IP66 M32 BK - Screw connection

3240928

<https://www.phoenixcontact.com/us/products/3240928>

Cable gland, metric thread, IP66 protection, angled



WP-GA HF IP69K M32 BK - Screw connection

3240914

<https://www.phoenixcontact.com/us/products/3240914>

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



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WP-GR HF IP66 M32 BK - Screw connection

3240956

<https://www.phoenixcontact.com/us/products/3240956>



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

WP-GR HF IP69K M32 BK - Screw connection

3240942

<https://www.phoenixcontact.com/us/products/3240942>



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

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WP-G PP HF M32 - Screw connection

3241000

<https://www.phoenixcontact.com/us/products/3241000>

Cable gland made from PP with metric thread, IP65 protection



WP-GT PP HF M32 - Screw connection

3241014

<https://www.phoenixcontact.com/us/products/3241014>

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



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WP-G BRASS IP40 M32 - Screw connection

3241049

<https://www.phoenixcontact.com/us/products/3241049>

Cable gland made from brass with metric thread, IP40 protection



WP-GT BRASS M32 - Screw connection

3241035

<https://www.phoenixcontact.com/us/products/3241035>

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



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WP-G BRASS IP65 M32 - Screw connection

3241063

<https://www.phoenixcontact.com/us/products/3241063>



Cable gland made from brass with metric thread, IP65 protection

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

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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

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