HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

Sleeve housing B16, 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	1420918
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7API
Catalog page	Page 617 (C-2-2019)
GTIN	4055626249179
Weight per piece (including packing)	331 g
Weight per piece (excluding packing)	315 g
Customs tariff number	85389099
Country of origin	CN

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Technical data

Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K

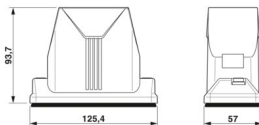### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	increased environmental requirements
Type	B16
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)

Dimensions

Dimensional drawing	
Width	57 mm
Height	93.7 mm
Length	125.5 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 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

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

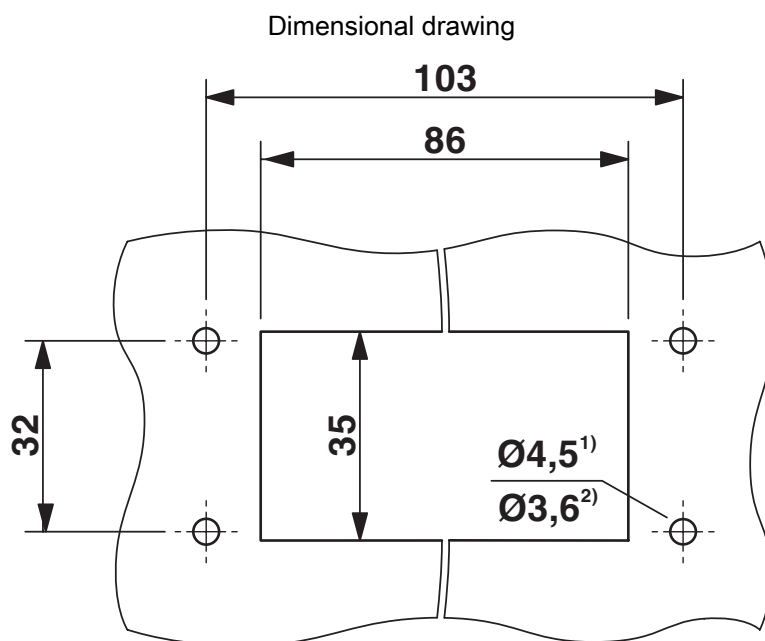### Mechanical data

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

93,7

125,4

57

Dimensional drawing

Dimensional drawing

103

86

32

35

Ø4,5 [1]

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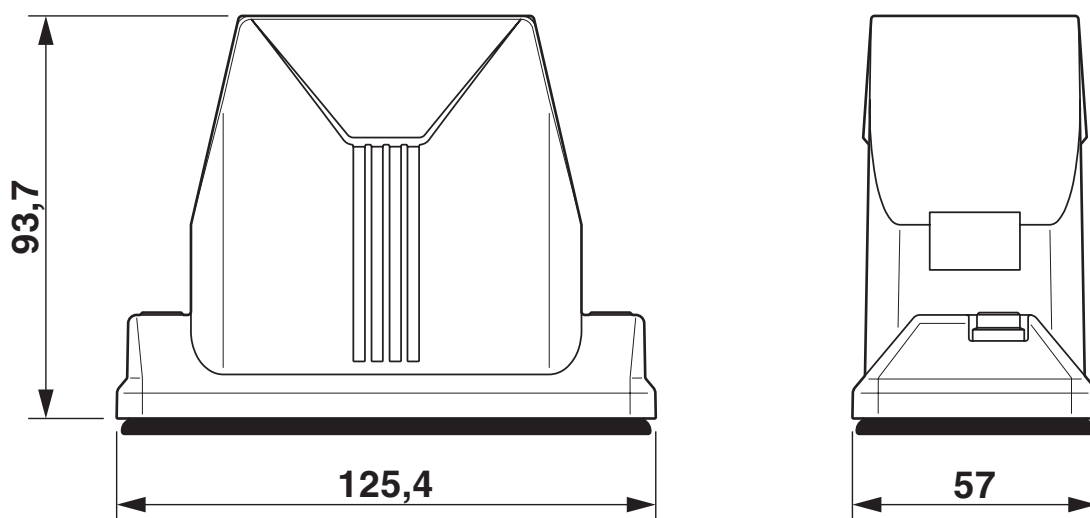
Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1420918

DNV
Approval ID: TAE000037S

cUL Recognized
Approval ID: E255026

UL Recognized
Approval ID: E255026

EAC
Approval ID: RU C-DE.Al30.B.01102

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

cULus Recognized

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

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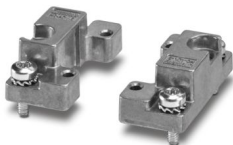
HC-B-AF-SET - Panel-mount flange

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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1420918

https://www.phoenixcontact.com/us/products/1420918

HC-B 16-TMS-SD-IP50 - Protective cover

1690752

https://www.phoenixcontact.com/us/products/1690752

Protective cover B16, 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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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

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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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

1420918

https://www.phoenixcontact.com/us/products/1420918

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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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

HC-ADV-B16-HHWH-1TTM32-MF-BK - Housing

1420918

https://www.phoenixcontact.com/us/products/1420918

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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1420918

https://www.phoenixcontact.com/us/products/1420918

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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