

HC-ADV-B10-HLWH-1STM20-MF-BK - Housing



1420910

<https://www.phoenixcontact.com/us/products/1420910>

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Sleeve housing B10, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M20, height: 74 mm, cable gland: none, increased environmental requirements

Commercial data

Item number	1420910
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7API
Catalog page	Page 603 (C-2-2019)
GTIN	4055626249094
Weight per piece (including packing)	239.3 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85389099
Country of origin	CN

1420910

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Technical data

Notes

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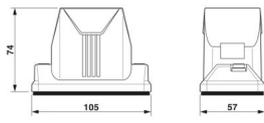
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	increased environmental requirements
Type	B10
No. of cable outlets	1
Type of the screw connection	1x M20
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	no
Cable outlet	lateral
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	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 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

IP66

HC-ADV-B10-HLWH-1STM20-MF-BK - Housing



1420910

<https://www.phoenixcontact.com/us/products/1420910>

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 M20
Locking type	Screw

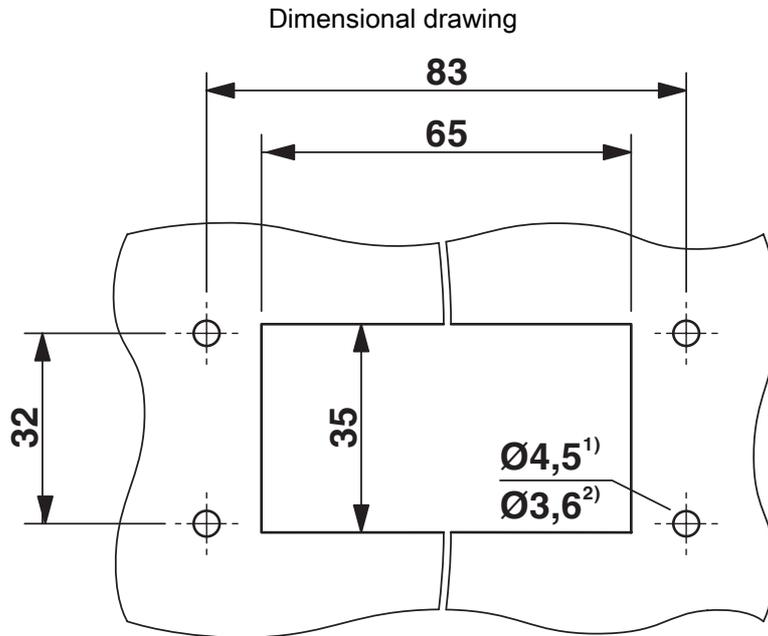
Mounting

Fixing screws	M6 (screw head: 5 mm Allen screw)
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1420910

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Drawings

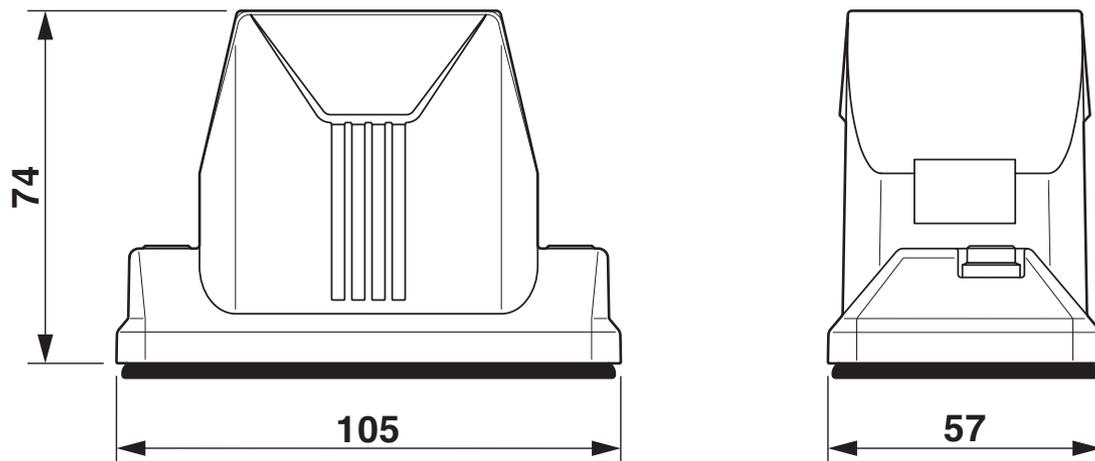


Mounting cutout

1) when M4 screws are used

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

Dimensional drawing



Dimensional drawing

1420910

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420910>

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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1420910

<https://www.phoenixcontact.com/us/products/1420910>

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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1420910

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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1420910

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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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1420910

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

1690749

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



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

G-INS-M20-S68N-PNES-GY - Cable gland

1411125

<https://www.phoenixcontact.com/us/products/1411125>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-grey RAL 7001

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1420910

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

1645998

<https://www.phoenixcontact.com/us/products/1645998>



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

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

1584017

<https://www.phoenixcontact.com/us/products/1584017>



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

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1420910

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

1411163

<https://www.phoenixcontact.com/us/products/1411163>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

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

HC-ADV-B10-HLWH-1STM20-MF-BK - Housing



1420910

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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 M20 BK - Screw connection

3240898

<https://www.phoenixcontact.com/us/products/3240898>

Cable gland, metric thread, IP66 protection, straight



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1420910

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WP-G HF IP69K M20 BK - Screw connection

3240884

<https://www.phoenixcontact.com/us/products/3240884>



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

WP-GA HF IP66 M20 BK - Screw connection

3240926

<https://www.phoenixcontact.com/us/products/3240926>



Cable gland, metric thread, IP66 protection, angled

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1420910

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WP-GA HF IP69K M20 BK - Screw connection

3240912

<https://www.phoenixcontact.com/us/products/3240912>

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



WP-GR HF IP66 M20 BK - Screw connection

3240954

<https://www.phoenixcontact.com/us/products/3240954>

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



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1420910

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WP-GR HF IP69K M20 BK - Screw connection

3240940

<https://www.phoenixcontact.com/us/products/3240940>



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

WP-G PP HF M20 - Screw connection

3240998

<https://www.phoenixcontact.com/us/products/3240998>



Cable gland made from PP with metric thread, IP65 protection

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1420910

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WP-GT PP HF M20 - Screw connection

3241012

<https://www.phoenixcontact.com/us/products/3241012>



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

WP-G BRASS IP40 M20 - Screw connection

3241047

<https://www.phoenixcontact.com/us/products/3241047>



Cable gland made from brass with metric thread, IP40 protection

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WP-GT BRASS M20 - Screw connection

3241033

<https://www.phoenixcontact.com/us/products/3241033>



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

WP-G BRASS IP65 M20 - Screw connection

3241061

<https://www.phoenixcontact.com/us/products/3241061>



Cable gland made from brass with metric thread, IP65 protection

HC-ADV-B10-HLWH-1STM20-MF-BK - Housing



1420910

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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

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