HC-B 6-TMB-100/O1STM20G-EUA - Housing

1604162

https://www.phoenixcontact.com/us/products/1604162

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HEAVYCON ADVANCE for increased environmental requirements, sleeve housing B6, with bayonet locking, height 100 mm, with 1xM20 thread, straight cable outlet

Commercial data

Item number	1604162
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF58
Product key	BF7AAA
Catalog page	Page 566 (PC-2011)
GTIN	4017918947842
Weight per piece (including packing)	311.48 g
Weight per piece (excluding packing)	311.48 g
Customs tariff number	85389099
Country of origin	DE

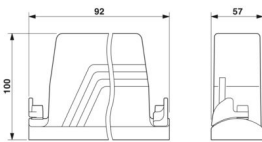# HC-B 6-TMB-100/O1STM20G-EUA - Housing

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Technical data

Notes

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

Product properties

Product type	Housing with bayonet locking
Housing type	Sleeve housing
Application	increased environmental requirements
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M20
Shielded	no
Cable outlet	straight
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	57 mm
Height	100 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	High-grade steel, handle: PA-GF

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP65
	IP67
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

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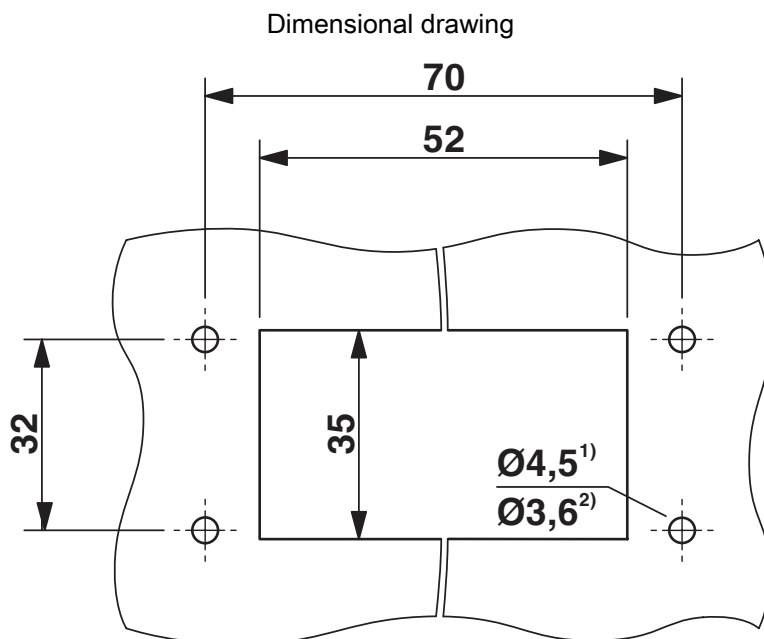| Mechanical data	
Type of the screw connection	1x M20
Locking type	Screw

Mounting

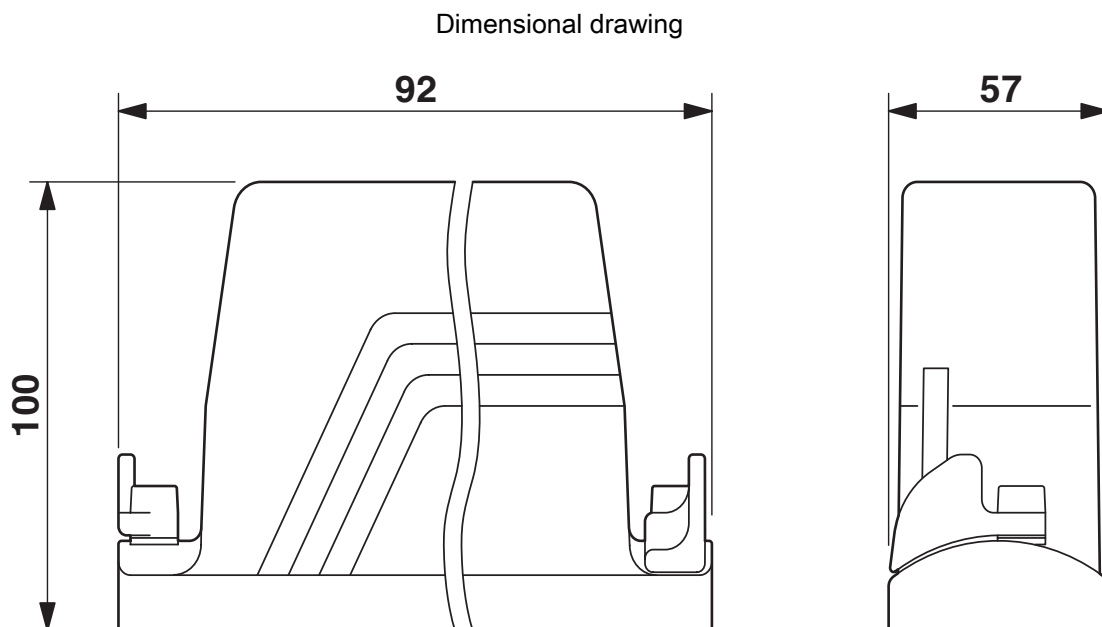| Assembly note	In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.

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Drawings

Dimensional drawing

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

Dimensional drawing

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Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-13.0	27440202

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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-BF - Panel-mount flange

1604641

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Panel mounting flange for HEAVYCON ADVANCE TMB housing with bayonet locking

HC-B-BF-SET - Panel-mount flange

1604654

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Bayonet mounting flange set, consisting of 2 mounting flanges with 4 self-tapping Torx® head screws and 4 fan-type spacers

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HC-B 6-TMB-SD-IP65 - Protective cover

1690930

https://www.phoenixcontact.com/us/products/1690930

HEAVYCON ADVANCE IP65 protective cover B6, with bayonet locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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

1411133

https://www.phoenixcontact.com/us/products/1411133

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: jet black RAL 9005

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

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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

G-INSEC-M20-S68N-NCRS-S - Cable gland

1411189

https://www.phoenixcontact.com/us/products/1411189

Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 9 mm ... 13 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver, with O-ring

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G-INESR-M20-S68N-NEPDS-S - Cable gland

1415192

https://www.phoenixcontact.com/us/products/1415192

Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 13 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with external strain relief, with O-ring

HC-M-KV-T-M20 - Cable gland

1646188

https://www.phoenixcontact.com/us/products/1646188

Metal screw connection with cable bend protection and strain relief, thread length: 6 mm, cable sealing area: 7.5 - 15 mm, clamping area: 10 - 16 mm, SW 24, screw connection: M20

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REDUC-M-KV-M20/M16 - Reducing adapter

1647611

https://www.phoenixcontact.com/us/products/1647611

Reducing adapter, connecting thread: M20 x 1.5, color: silver, with O-ring

ENLAR-M-KV-M20/M25 - Extension adapter

1647666

https://www.phoenixcontact.com/us/products/1647666

Extension adapter, connecting thread: M20 x 1.5, color: silver, with O-ring

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HC-M-BS-M20 - Screw plug

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M20 x 1.5, color: silver