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

1604175

https://www.phoenixcontact.com/in/products/1604175

HEAVYCON ADVANCE standard powder-coated sleeve housing B6, with bayonet locking, height 100 mm, with 1xM20 thread, straight cable outlet

Commercial data

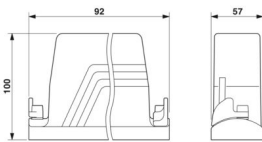|	
Item number	1604175
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF7
Product key	AF7AAA
Catalog page	Page 564 (PC-2011)
GTIN	4017918947859
Weight per piece (including packing)	308.74 g
Weight per piece (excluding packing)	308.74 g
Customs tariff number	85389099
Country of origin	DE

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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	Standard
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	NBR
Housing material	Die-cast aluminum
Housing surface material	Powder-coated, gray
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

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

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.

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

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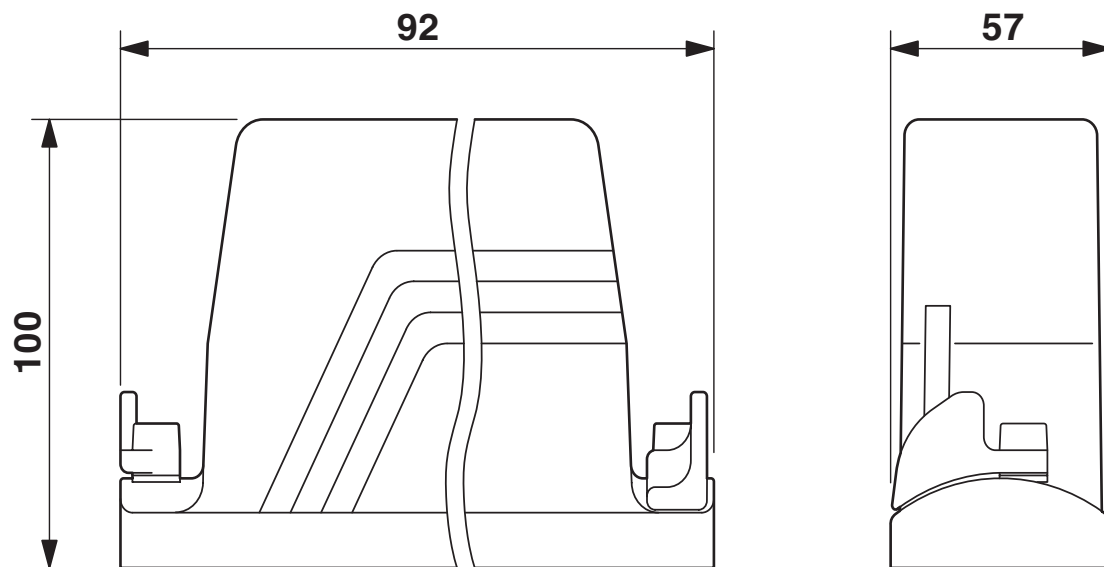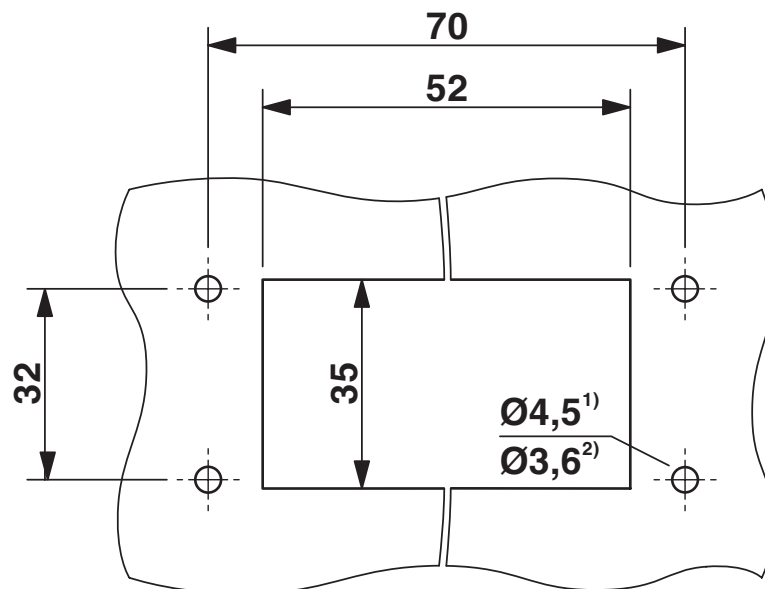https://www.phoenixcontact.com/in/products/1604175

Drawings

Dimensional drawing

92

100

57

Dimensional drawing

Dimensional drawing

70

52

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/in/products/1604175

	EAC
EHC	Approval ID: RU C-DE.AI30.B.01102

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000437

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-BF - Panel-mount flange

1604641

https://www.phoenixcontact.com/in/products/1604641

Panel mounting flange for HEAVYCON ADVANCE TMB housing with bayonet locking

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

1604654

https://www.phoenixcontact.com/in/products/1604654

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

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

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https://www.phoenixcontact.com/in/products/1604175

HC-B 6-TMS-SD-IP66 - Protective cover

1411494

https://www.phoenixcontact.com/in/products/1411494

HEAVYCON ADVANCE, IP66, B6 protective cover for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm

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

1411125

https://www.phoenixcontact.com/in/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-gray RAL 7001

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

1604175

https://www.phoenixcontact.com/in/products/1604175

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

1411133

https://www.phoenixcontact.com/in/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/in/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

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

1604175

https://www.phoenixcontact.com/in/products/1604175

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

1645998

https://www.phoenixcontact.com/in/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/in/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

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

1604175

https://www.phoenixcontact.com/in/products/1604175

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

1415192

https://www.phoenixcontact.com/in/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/in/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

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

1604175

https://www.phoenixcontact.com/in/products/1604175

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

1647611

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

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

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

1604175

https://www.phoenixcontact.com/in/products/1604175

HC-M-BS-M20 - Screw plug

1645846

https://www.phoenixcontact.com/in/products/1645846

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

WP-G HF IP66 M20 BK - Protective hose screw connection

3240898

https://www.phoenixcontact.com/in/products/3240898

Cable gland, metric thread, IP66 protection, straight

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

1604175

https://www.phoenixcontact.com/in/products/1604175

WP-G HF IP69K M20 BK - Protective hose screw connection

3240884

https://www.phoenixcontact.com/in/products/3240884

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

WP-GA HF IP66 M20 BK - Protective hose screw connection

3240926

https://www.phoenixcontact.com/in/products/3240926

Cable gland, metric thread, IP66 protection, angled

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

1604175

https://www.phoenixcontact.com/in/products/1604175

WP-GA HF IP69K M20 BK - Protective hose screw connection

3240912

https://www.phoenixcontact.com/in/products/3240912

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

WP-GR HF IP66 M20 BK - Protective hose screw connection

3240954

https://www.phoenixcontact.com/in/products/3240954

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

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

1604175

https://www.phoenixcontact.com/in/products/1604175

WP-GR HF IP69K M20 BK - Protective hose screw connection

3240940

https://www.phoenixcontact.com/in/products/3240940

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

WP-G PP HF M20 - Protective hose screw connection

3240998

https://www.phoenixcontact.com/in/products/3240998

Cable gland made from PP with metric thread, IP65 protection

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

1604175

https://www.phoenixcontact.com/in/products/1604175

WP-GT PP HF M20 - Protective hose screw connection

3241012

https://www.phoenixcontact.com/in/products/3241012

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

WP-G BRASS IP40 M20 - Protective hose screw connection

3241047

https://www.phoenixcontact.com/in/products/3241047

Cable gland made from brass with metric thread, IP40 protection

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

1604175

https://www.phoenixcontact.com/in/products/1604175

WP-GT BRASS M20 - Protective hose screw connection

3241033

https://www.phoenixcontact.com/in/products/3241033

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

WP-G BRASS IP65 M20 - Protective hose screw connection

3241061

https://www.phoenixcontact.com/in/products/3241061

Cable gland made from brass with metric thread, IP65 protection

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