

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 947859
GTIN	4017918947859

Technical data

Dimensions

Height	100 mm
Width	57 mm
Length	92 mm
Length of the assembly cutout	52 mm
Width of the assembly cutout	35 mm

Ambient conditions

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

General

Note	For contact inserts HC-B6, BB10, DD24, M
Size	B6
Housing type	Sleeve housing
Color	gray
Locking type	Bayonet locking
No. of cable outlets	1
Cable outlet	straight

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Technical data

General

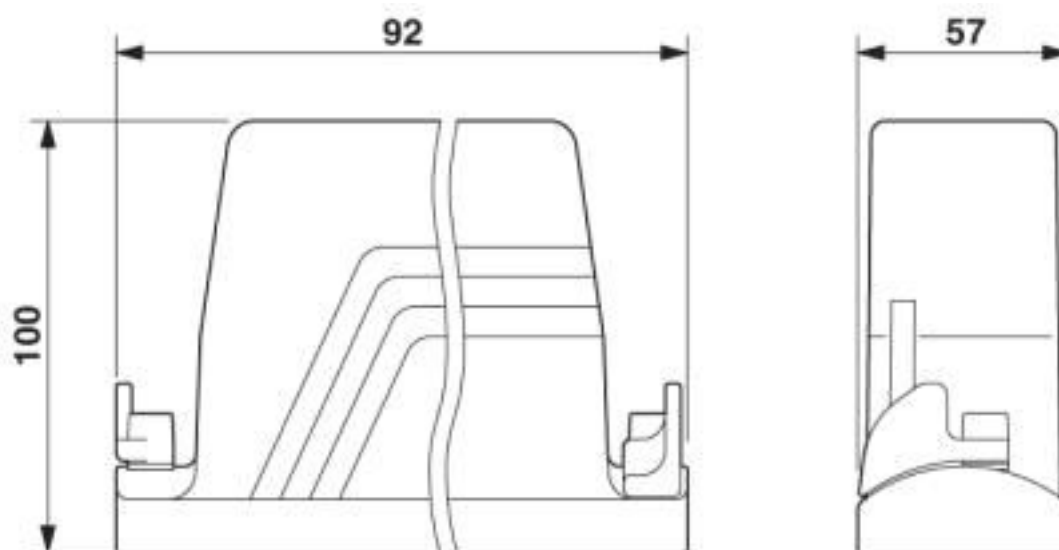
Screw connection	none
Type of the screw connection	1x M20
Housing material	Aluminum die-cast
Housing surface material	Powder-coated, gray
Seal material	NBR
Material grip body interlock	PA-GF
Assembly instructions	In order to guarantee that the ground conductor contact functions even when plugged in at an angle, the two panel mounting flanges must have sufficient electrical contact with the metal mounting panel.

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

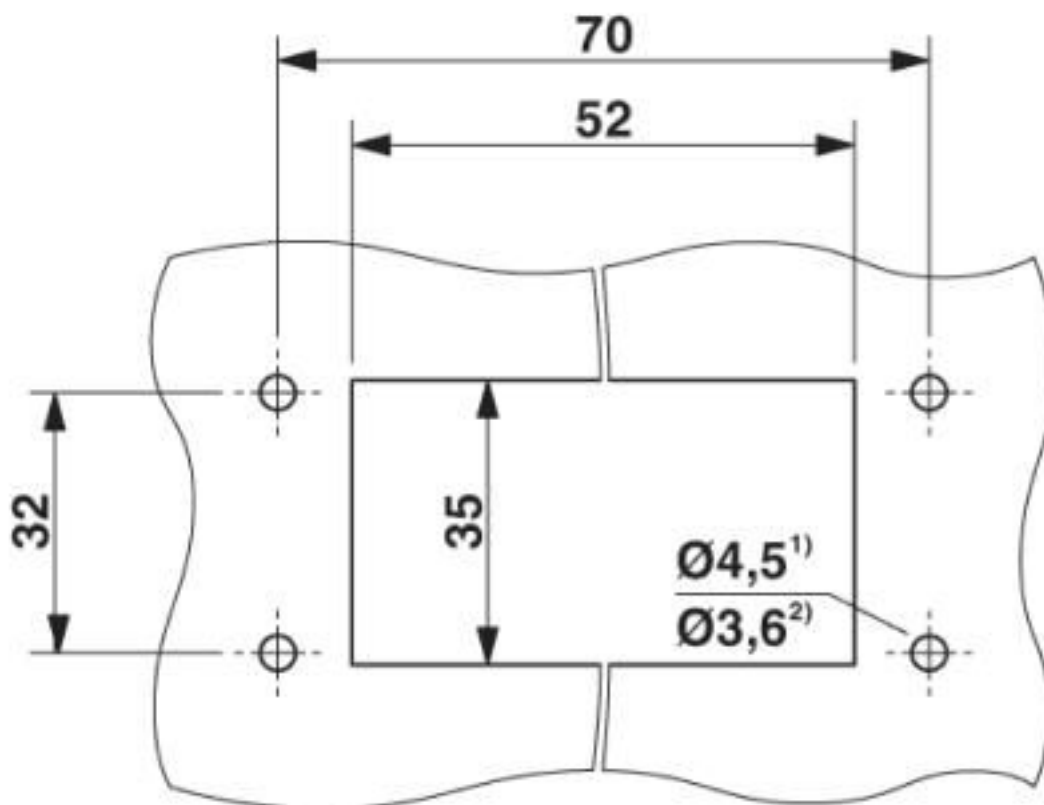
Dimensional drawing



Dimensional drawing

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Dimensional drawing



Mounting cutout

1) when M4 screws are used

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

Classifications

eCl@ss

eCl@ss 10.0.1	27440202
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440202
eCl@ss 8.0	27440202
eCl@ss 9.0	27440202

ETIM

ETIM 2.0	EC000437
ETIM 3.0	EC000437
ETIM 4.0	EC000437

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Classifications

ETIM

ETIM 5.0	EC000437
ETIM 6.0	EC000437
ETIM 7.0	EC000437

UNSPSC

UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502
UNSPSC 11	31261502
UNSPSC 12.01	31261502
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.AI30.B.01102
-----	---	--------------------------

Accessories

Accessories

Extension adapter

Extension adapter - ENLAR-M-KV-M20/M25 - 1647666



Step-up adapter, M20 to M25, including O-ring

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Accessories

Full screw connection

Cable gland - G-INS-M20-S68N-PNES-GY - 1411125



Cable gland, cable gland material: PA, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-gray RAL 7001

Cable gland - G-INS-M20-S68N-PNES-BK - 1411133



Cable gland, cable gland material: PA, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: jet black RAL 9005

Cable gland - G-INS-M20-S68N-NNES-S - 1411163



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

Cable gland - HC-M-KV-M20(11-16) - 1645998



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

Cable gland - G-INSEC-M20-S68N-NCRS-S - 1411189



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 9 mm ... 13 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver, with O-ring

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Accessories

Cable gland - G-INESR-M20-S68N-NEPDS-S - 1415192



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 6 mm ... 13 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with external strain relief, with O-ring

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

Panel mounting flange

Mounting flange - HC-B-BF - 1604641



Panel mounting flange for HEAVYCON ADVANCE TMB housing with bayonet locking

Mounting flange - HC-B-BF-SET - 1604654



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

Plug for cable screw gland

Screw plug - HC-M-BS-M20 - 1645846



Screw plug, cable gland material: Nickel-plated brass, connecting thread: M20 x 1.5, color: silver

Protective cover

Housing - HC-B 6-TMB-100/O1STM20G-STA - 1604175

Accessories

Protective covers - HC-B 6-TMB-SD-IP65 - 1690930



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

Reducing adapter

Reducing adapter - REDUC-M-KV-M20/M16 - 1647611



Reducing adapter, material: Brass, nickel-plated, connecting thread: M20 x 1.5, color: silver, with O-ring

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1604175](#)