

HC-B 6-TMB-100/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

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 documentation. Our general terms of use for downloads are valid.



HEAVYCON ADVANCE standard powder-coated sleeve housing B6, with bayonet locking, height 100 mm, with 1xM25 thread, straight cable outlet

Commercial data

Item number	1604230
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF7
Product key	AF7AAA
Catalog page	Page 564 (PC-2011)
GTIN	4017918947910
Weight per piece (including packing)	321.21 g
Weight per piece (excluding packing)	307.9 g
Customs tariff number	85389099
Country of origin	DE

HC-B 6-TMB-100/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

Technical data

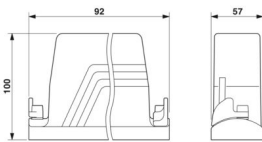
Notes

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 M25
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/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

Mechanical data

Type of the screw connection	1x M25
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/O1STM25G-STA - Housing

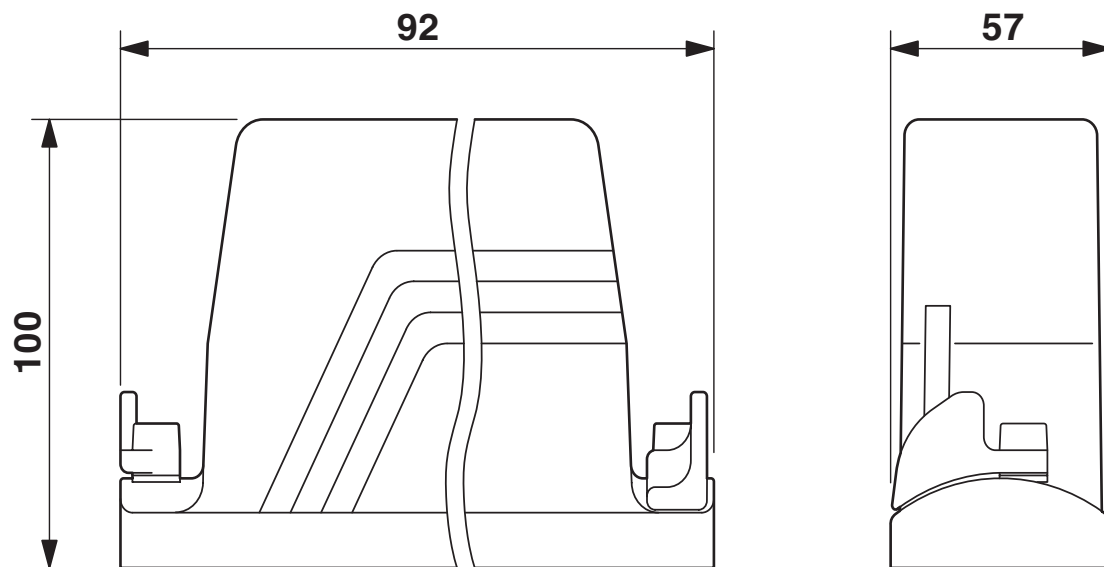
1604230

<https://www.phoenixcontact.com/in/products/1604230>



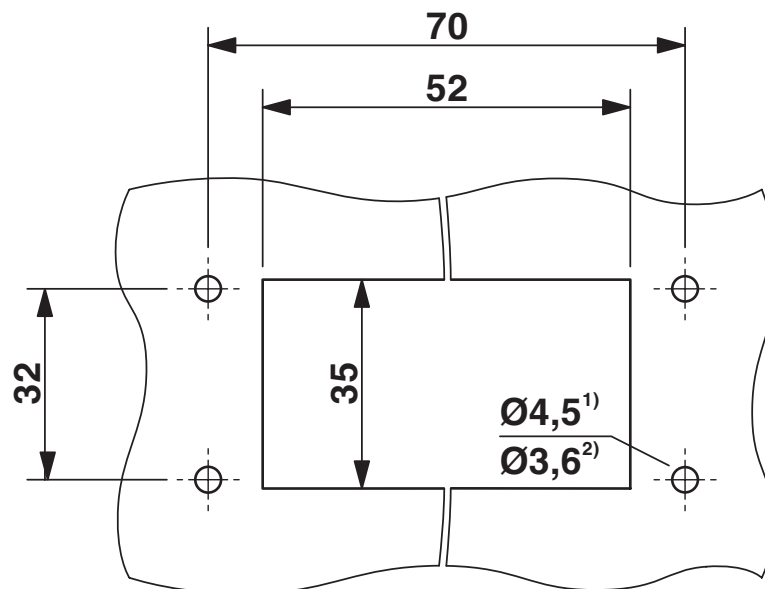
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout

1) when M4 screws are used

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

HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1604230>



EAC

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

HC-B 6-TMB-100/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

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%
-------------------------------------	----------------------------

HC-B 6-TMB-100/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

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/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



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-M25-M68N-PNES-GY - Cable gland

1411126

<https://www.phoenixcontact.com/in/products/1411126>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-gray RAL 7001

HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



G-INS-M25-M68N-PNES-BK - Cable gland

1411134

<https://www.phoenixcontact.com/in/products/1411134>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

G-INS-M25-M68N-NNES-S - Cable gland

1411165

<https://www.phoenixcontact.com/in/products/1411165>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



HC-M-KV-M25(14-21) - Cable gland

1646007

<https://www.phoenixcontact.com/in/products/1646007>



Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25

G-INSEC-M25-S68N-NCRS-S - Cable gland

1411190

<https://www.phoenixcontact.com/in/products/1411190>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 11 mm ... 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



G-INESR-M25-M68N-NEPDS-S - Cable gland

1415193

<https://www.phoenixcontact.com/in/products/1415193>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 9 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with external strain relief, with O-ring

HC-M-KV-T-M25 - Cable gland

1646191

<https://www.phoenixcontact.com/in/products/1646191>



Metal screw connection with cable bend protection and strain relief, thread length: 7 mm, cable sealing area: 10 - 19 mm, clamping area: 14 - 21 mm, SW 30, screw connection: M25

HC-B 6-TMB-100/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

REDUC-M-KV-M25/M20 - Reducing adapter

1647624

<https://www.phoenixcontact.com/in/products/1647624>

Reducing adapter, connecting thread: M25 x 1.5, color: silver, with O-ring



ENLAR-M-KV-M25/M32 - Extension adapter

1647679

<https://www.phoenixcontact.com/in/products/1647679>

Extension adapter, connecting thread: M25 x 1.5, color: silver, with O-ring



HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



HC-M-BS-M25 - Screw plug

1645859

<https://www.phoenixcontact.com/in/products/1645859>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M25 x 1.5, color: silver



WP-G HF IP66 M25 BK - Protective hose screw connection

3240899

<https://www.phoenixcontact.com/in/products/3240899>

Cable gland, metric thread, IP66 protection, straight



HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



WP-G HF IP69K M25 BK - Protective hose screw connection

3240885

<https://www.phoenixcontact.com/in/products/3240885>

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



WP-GA HF IP66 M25 BK - Protective hose screw connection

3240927

<https://www.phoenixcontact.com/in/products/3240927>

Cable gland, metric thread, IP66 protection, angled



HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



WP-GA HF IP69K M25 BK - Protective hose screw connection

3240913

<https://www.phoenixcontact.com/in/products/3240913>

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



WP-GR HF IP66 M25 BK - Protective hose screw connection

3240955

<https://www.phoenixcontact.com/in/products/3240955>

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



HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



WP-GR HF IP69K M25 BK - Protective hose screw connection

3240941

<https://www.phoenixcontact.com/in/products/3240941>



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

WP-G PP HF M25 - Protective hose screw connection

3240999

<https://www.phoenixcontact.com/in/products/3240999>



Cable gland made from PP with metric thread, IP65 protection

HC-B 6-TMB-100/O1STM25G-STA - Housing

1604230

<https://www.phoenixcontact.com/in/products/1604230>



WP-GT PP HF M25 - Protective hose screw connection

3241013

<https://www.phoenixcontact.com/in/products/3241013>



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

WP-G BRASS IP40 M25 - Protective hose screw connection

3241048

<https://www.phoenixcontact.com/in/products/3241048>



Cable gland made from brass with metric thread, IP40 protection

HC-B 6-TMB-100/O1STM25G-STA - Housing



1604230

<https://www.phoenixcontact.com/in/products/1604230>

WP-GT BRASS M25 - Protective hose screw connection

3241034

<https://www.phoenixcontact.com/in/products/3241034>

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



WP-G BRASS IP65 M25 - Protective hose screw connection

3241062

<https://www.phoenixcontact.com/in/products/3241062>

Cable gland made from brass with metric thread, IP65 protection



Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in