

HC-B 6-TMB-100/O1STM25S-EMV - EMC housing



1604243

<https://www.phoenixcontact.com/us/products/1604243>

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 EMV sleeve housing B6, with bayonet locking, height 100 mm, with 1xM25 thread, lateral cable outlet

Commercial data

Item number	1604243
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF58
Product key	BF7AAA
Catalog page	Page 478 (PC-2009)
GTIN	4017918947927
Weight per piece (including packing)	317.63 g
Weight per piece (excluding packing)	307.12 g
Customs tariff number	85389099
Country of origin	DE

Technical data

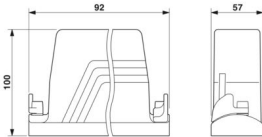
Notes

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

Product properties

Product type	Housing with bayonet locking
Housing type	Sleeve housing
Application	EMC
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M25
Cable outlet	lateral

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, conductive
Housing material	die-cast aluminum
Housing surface material	Powder coating
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

Mechanical data

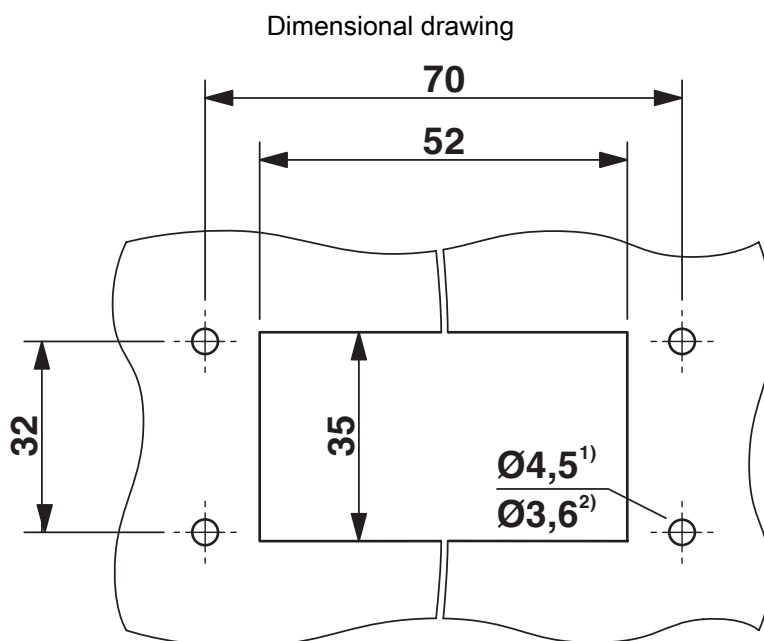
Type of the screw connection	1x M25
------------------------------	--------

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.
	If insulating powder coating is present on the control cabinet panel, it should be removed from the profile gasket area in order to ensure optimum shielding.

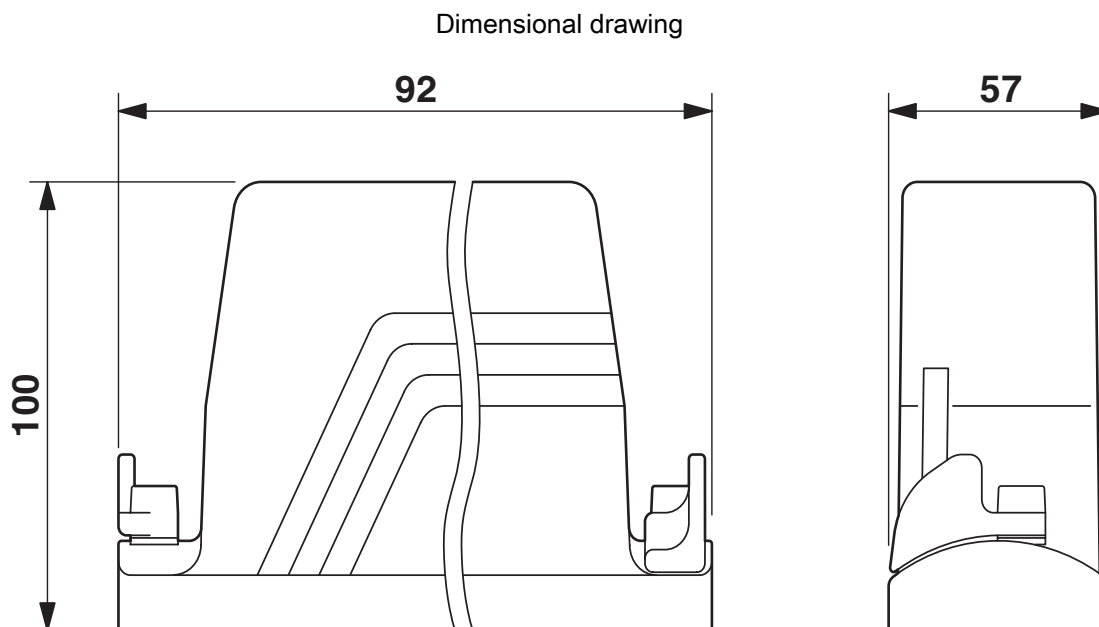
Drawings



Mounting cutout

1) when M4 screws are used

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



Dimensional drawing

HC-B 6-TMB-100/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1604243>



EAC

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

1604243

<https://www.phoenixcontact.com/us/products/1604243>

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/O1STM25S-EMV - EMC housing



1604243

<https://www.phoenixcontact.com/us/products/1604243>

Accessories

HC-B-BF - Panel-mount flange

1604641

<https://www.phoenixcontact.com/us/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/us/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/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



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

1411494

<https://www.phoenixcontact.com/us/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/us/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-grey RAL 7001

HC-B 6-TMB-100/O1STM25S-EMV - EMC housing



1604243

<https://www.phoenixcontact.com/us/products/1604243>

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

1411134

<https://www.phoenixcontact.com/us/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/us/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/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



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

1646007

<https://www.phoenixcontact.com/us/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/us/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/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



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

1415193

<https://www.phoenixcontact.com/us/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/us/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/O1STM25S-EMV - EMC housing



1604243

<https://www.phoenixcontact.com/us/products/1604243>

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

1647624

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

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



HC-B 6-TMB-100/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



HC-M-BS-M25 - Screw plug

1645859

<https://www.phoenixcontact.com/us/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 - Screw connection

3240899

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

Cable gland, metric thread, IP66 protection, straight



HC-B 6-TMB-100/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



WP-G HF IP69K M25 BK - Screw connection

3240885

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

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



WP-GA HF IP66 M25 BK - Screw connection

3240927

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

Cable gland, metric thread, IP66 protection, angled



HC-B 6-TMB-100/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



WP-GA HF IP69K M25 BK - Screw connection

3240913

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

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



WP-GR HF IP66 M25 BK - Screw connection

3240955

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

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



HC-B 6-TMB-100/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



WP-GR HF IP69K M25 BK - Screw connection

3240941

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



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

WP-G PP HF M25 - Screw connection

3240999

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



Cable gland made from PP with metric thread, IP65 protection

HC-B 6-TMB-100/O1STM25S-EMV - EMC housing

1604243

<https://www.phoenixcontact.com/us/products/1604243>



WP-GT PP HF M25 - Screw connection

3241013

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



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

WP-G BRASS IP40 M25 - Screw connection

3241048

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



Cable gland made from brass with metric thread, IP40 protection

HC-B 6-TMB-100/O1STM25S-EMV - EMC housing



1604243

<https://www.phoenixcontact.com/us/products/1604243>

WP-GT BRASS M25 - Screw connection

3241034

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

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



WP-G BRASS IP65 M25 - Screw connection

3241062

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

Cable gland made from brass with metric thread, IP65 protection



Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com