

1604201
<https://www.phoenixcontact.com/gb/products/1604201>

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

Commercial data

Item number	1604201
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF7AAA
Product key	BF7AAA
Catalog page	Page 564 (PC-2011)
GTIN	4017918947880
Weight per piece (including packing)	324.8 g
Weight per piece (excluding packing)	308.56 g
Customs tariff number	85389099
Country of origin	DE

HC-B 6-TMB-100/O1STM20S-STA - Housing



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Technical data

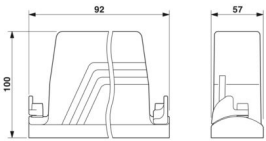
Notes

General	For contact inserts HC-B6, BB10, DD24, M
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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	lateral
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/O1STM20S-STA - Housing



1604201

<https://www.phoenixcontact.com/gb/products/1604201>

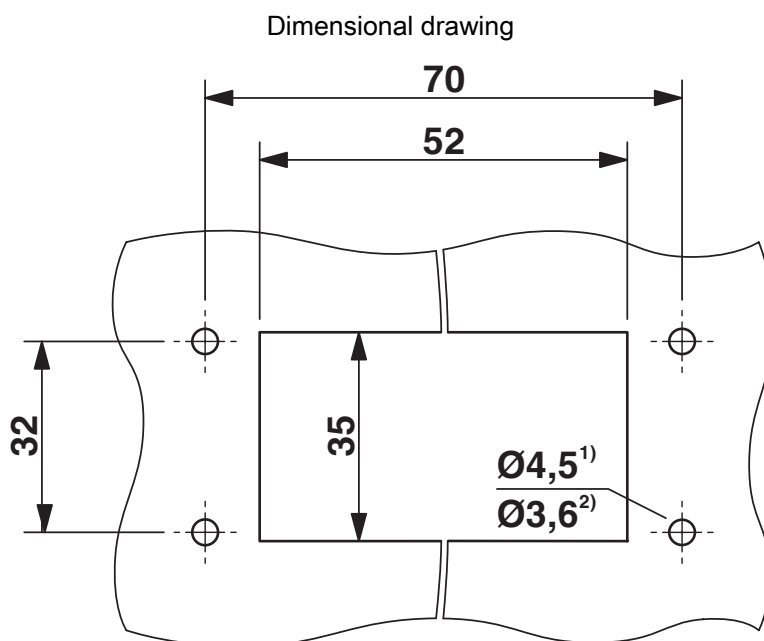
Mechanical data

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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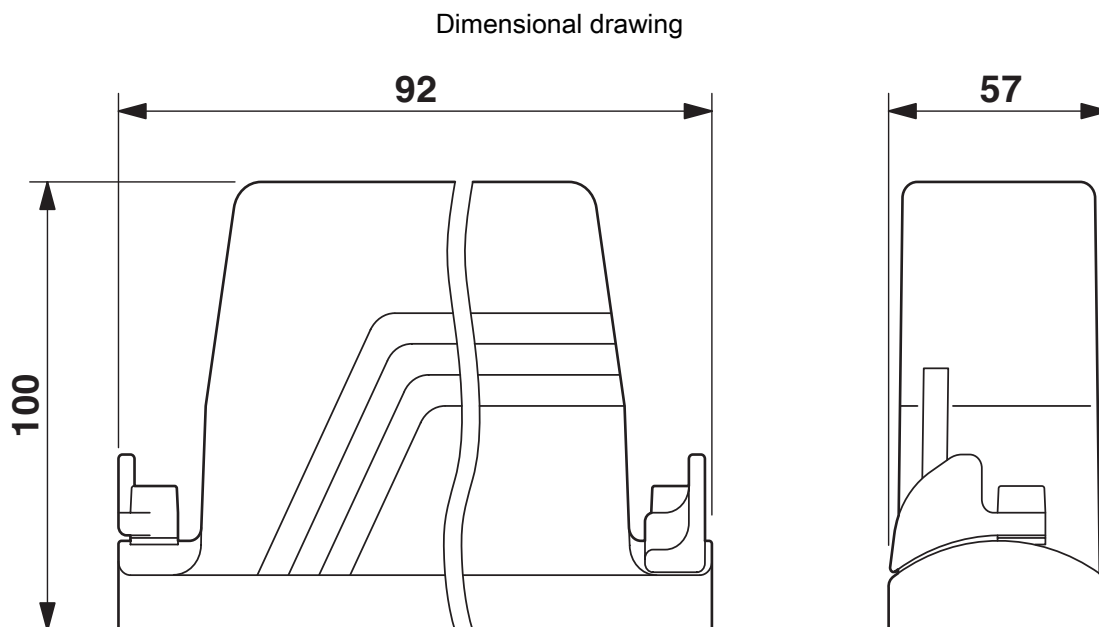
Drawings



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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1604201

<https://www.phoenixcontact.com/gb/products/1604201>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000437
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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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1604201

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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-TMS-SD-IP66 - Protective cover

1411494

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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/gb/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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1604201

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

1411133

<https://www.phoenixcontact.com/gb/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/gb/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

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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/gb/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

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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

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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

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



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

1647666

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



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HC-M-BS-M20 - Screw plug

1645846

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



WP-G HF IP66 M20 BK - Screw connection

3240898

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Cable gland, metric thread, IP66 protection, straight



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WP-G HF IP69K M20 BK - Screw connection

3240884

<https://www.phoenixcontact.com/gb/products/3240884>

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



WP-GA HF IP66 M20 BK - Screw connection

3240926

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Cable gland, metric thread, IP66 protection, angled



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1604201

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WP-GA HF IP69K M20 BK - Screw connection

3240912

<https://www.phoenixcontact.com/gb/products/3240912>

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



WP-GR HF IP66 M20 BK - Screw connection

3240954

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



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WP-GR HF IP69K M20 BK - Screw connection

3240940

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

WP-G PP HF M20 - Screw connection

3240998

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Cable gland made from PP with metric thread, IP65 protection

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WP-GT PP HF M20 - Screw connection

3241012

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

WP-G BRASS IP40 M20 - Screw connection

3241047

<https://www.phoenixcontact.com/gb/products/3241047>



Cable gland made from brass with metric thread, IP40 protection

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WP-GT BRASS M20 - Screw connection

3241033

<https://www.phoenixcontact.com/gb/products/3241033>

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



WP-G BRASS IP65 M20 - Screw connection

3241061

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Cable gland made from brass with metric thread, IP65 protection



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