

HC-ADV-B06-HHWH-1TGM20-PL - Housing



1404222

<https://www.phoenixcontact.com/us/products/1404222>

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.



Sleeve housing B6, with screw locking, material: PA, cable outlets: 1, straight, M20, height: 93.7 mm, cable gland: with, Standard

Your advantages

- Integrated screw connection
- Lower costs than metal version
- Low weight
- Lower risk of condensation

Commercial data

Item number	1404222
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7APG
Catalog page	Page 596 (C-2-2019)
GTIN	4046356681940
Weight per piece (including packing)	118 g
Weight per piece (excluding packing)	118 g
Customs tariff number	85389099
Country of origin	DE

HC-ADV-B06-HHWH-1TGM20-PL - Housing



1404222

<https://www.phoenixcontact.com/us/products/1404222>

Technical data

Notes

General	for contact inserts HC-B06, BB10, DD24, M
---------	---

Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	Standard
Type	B6
No. of cable outlets	1
Type of the screw connection	M20
Type	Tall design
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	no
Cable outlet	straight
Pg screw connection	with

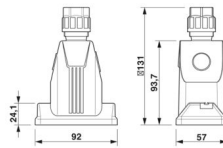
Data management status

Article revision	05
------------------	----

Connection data

External cable diameter	8 mm ... 13 mm
Tightening torque	3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing)
Tightening torque, union nut	5.00 Nm

Dimensions

Dimensional drawing	
Width	57 mm
Height	93.7 mm
Length	92 mm
Wrench size, union nut	22 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	52 mm

Material specifications

Material Pressure screw	PA
Flammability rating according to UL 94	V0 (Housing)

HC-ADV-B06-HHWH-1TGM20-PL - Housing



1404222

<https://www.phoenixcontact.com/us/products/1404222>

Seal material Profile gasket	NBR
Seal material Cable seal	NBR
Housing material	PA
Locking latch material	Stainless steel
Material of locking screw	Stainless steel

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

Mechanical properties

Mechanical data

Type of the screw connection	M20
Locking type	Screw

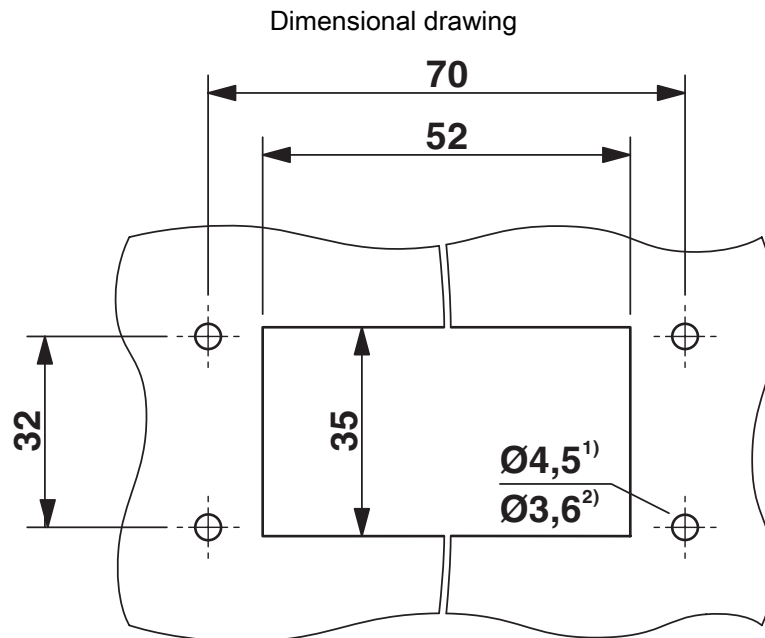
Cable/line

External cable diameter Cable 1	8 mm ... 13 mm
---------------------------------	----------------

Mounting

Assembly note	M6 locking screw, with 5 mm Allen screw head
Fixing screws	M6 (screw head: 5 mm Allen screw)

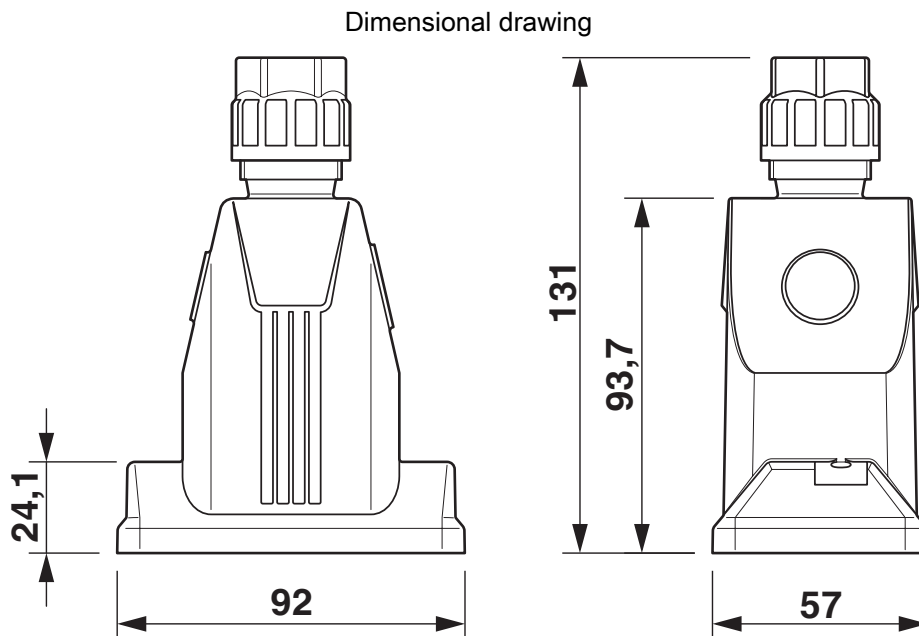
Drawings



Mounting cutout

1) when M4 screws are used

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



Dimensional drawing

1404222

<https://www.phoenixcontact.com/us/products/1404222>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1404222>

**DNV**
Approval ID: TAE000037S

**EAC**
Approval ID: RU C-DE.BL08.B.00511

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

cULus Recognized

HC-ADV-B06-HHWH-1TGM20-PL - Housing



1404222

<https://www.phoenixcontact.com/us/products/1404222>

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%

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