

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



1404222

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

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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
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

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Technical data

Notes

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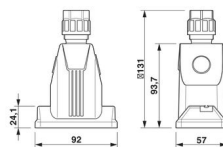
Product properties

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

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

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Impact strength	IK08
Housing material	PA

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

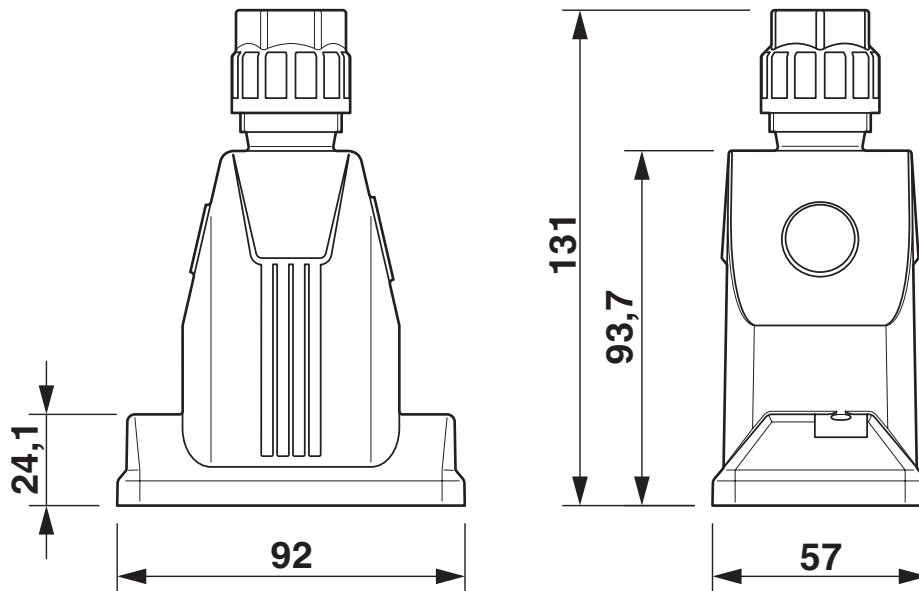
External cable diameter (Cable 1)	8 mm ... 13 mm
Tightening torque, union nut	5.00 Nm

Mounting

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

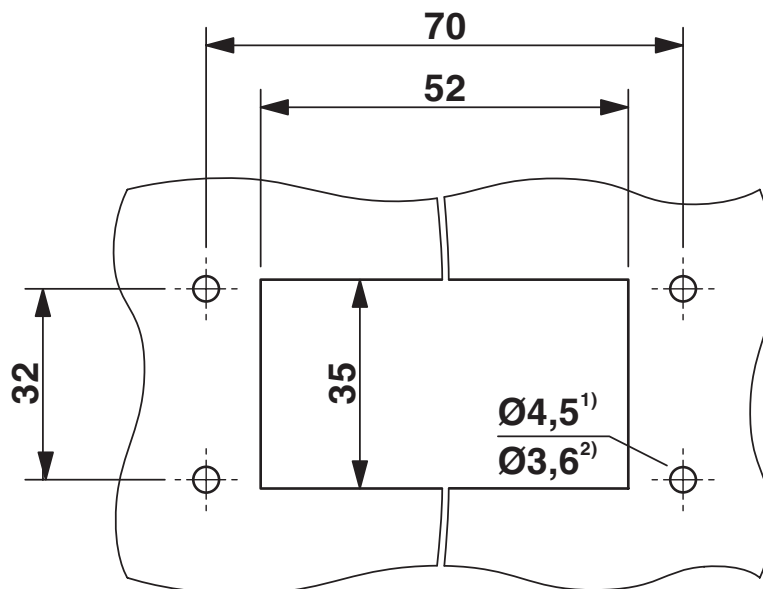
Drawings

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)

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/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

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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

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

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