

1604049

<https://www.phoenixcontact.com/us/products/1604049>

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HEAVYCON ADVANCE for increased environmental requirements, sleeve housing B6, with screw locking, height 100 mm, with 1xM20 thread, straight cable outlet

Commercial data

Item number	1604049
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF58
Product key	AF7AAA
GTIN	4017918883959
Weight per piece (including packing)	312.11 g
Weight per piece (excluding packing)	302.94 g
Customs tariff number	85389099
Country of origin	DE

## Technical data

### Notes

General	For contact inserts HC-B6, BB10, DD24, M
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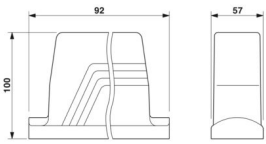
### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	increased environmental requirements
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M20
Fixing screws	M6
Shielded	no
Cable outlet	straight
Pg screw connection	none

### Connection data

Tightening torque	3 Nm (Locking screw)
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### 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	Viton
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)

# HC-B 6-TMS-100/O1STM20G-EUA - Housing



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Enclosure rating (NEMA)	IP69
	4 (NEMA 250)
	4X (NEMA 250)
	6P (NEMA 250)
Ambient temperature (operation)	12 (NEMA 250)
	-40 °C ... 125 °C

## Mechanical properties

### Mechanical data

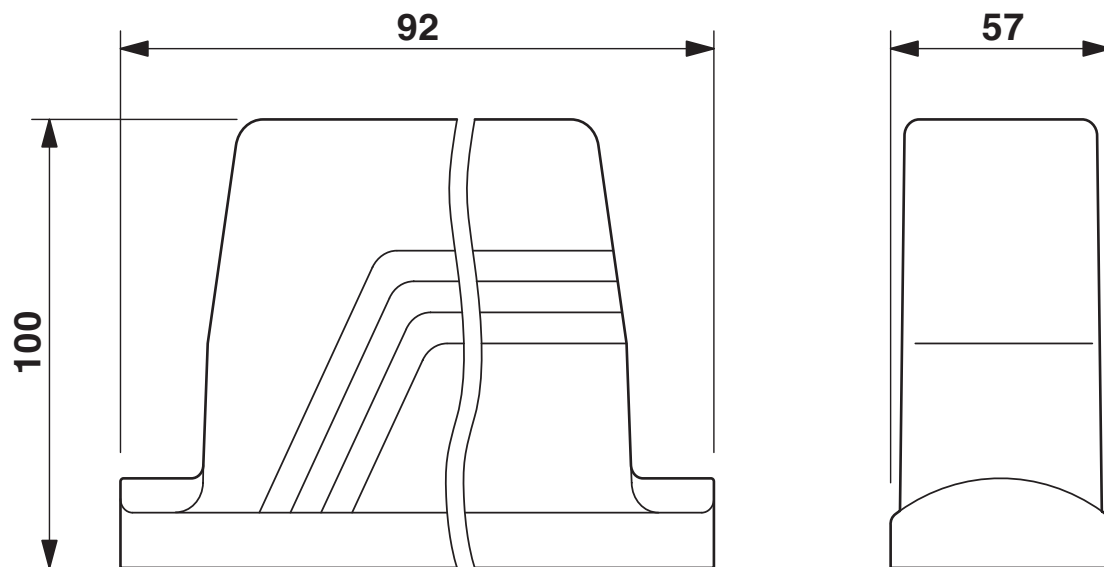
Type of the screw connection	1x M20
Locking type	Screw

## 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.
	Tightening torque of locking screw 3 Nm.
Fixing screws	M6

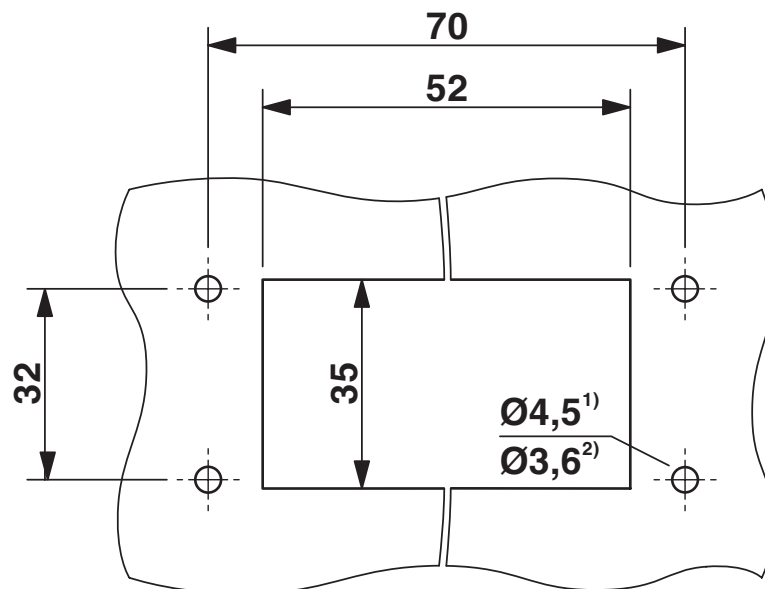
## Drawings

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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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 8.0	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
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### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)