

# HC-B 6-SMLD-52/M1M20 - Housing



1586756

<https://www.phoenixcontact.com/us/products/1586756>

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Box mounting base, with single locking latch, height 52 mm, with screw connection, 1x M20, with protective cover

## Commercial data

Item number	1586756
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF55
Product key	BF7AAC
Catalog page	Page 572 (PC-2011)
GTIN	4046356426848
Weight per piece (including packing)	255.3 g
Weight per piece (excluding packing)	252.61 g
Customs tariff number	85389099
Country of origin	DE

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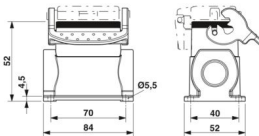


## Technical data

### Product properties

Product type	Housing with locking latch
Housing type	Box mounting bases
Application	Standard
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M20
Protective cover	yes
Shielded	no
Cable outlet	left (view of the opened single locking latch)
Pg screw connection	with

### Dimensions

Dimensional drawing	
Width	52 mm
Height	52 mm
Length	84 mm
Wrench size, union nut	20 mm

### Material specifications

Material Screw connection	Brass, nickel-plated
Material Protective cover	PA
Seal material Cable seal	NBR
Housing material	die-cast aluminum
Housing surface material	Powder-coated, gray
Locking latch material	Stainless steel, handle: PA

### Mechanical properties

#### Mechanical data

Type of the screw connection	1x M20
Locking type	Latch

### Cable/line

External cable diameter Cable 1	5 mm ... 12 mm
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### Connection data

External cable diameter	5 mm ... 12 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65 (When plugged in)
	IP54 (with closed protective cover)
Ambient temperature (operation)	-40 °C ... 125 °C

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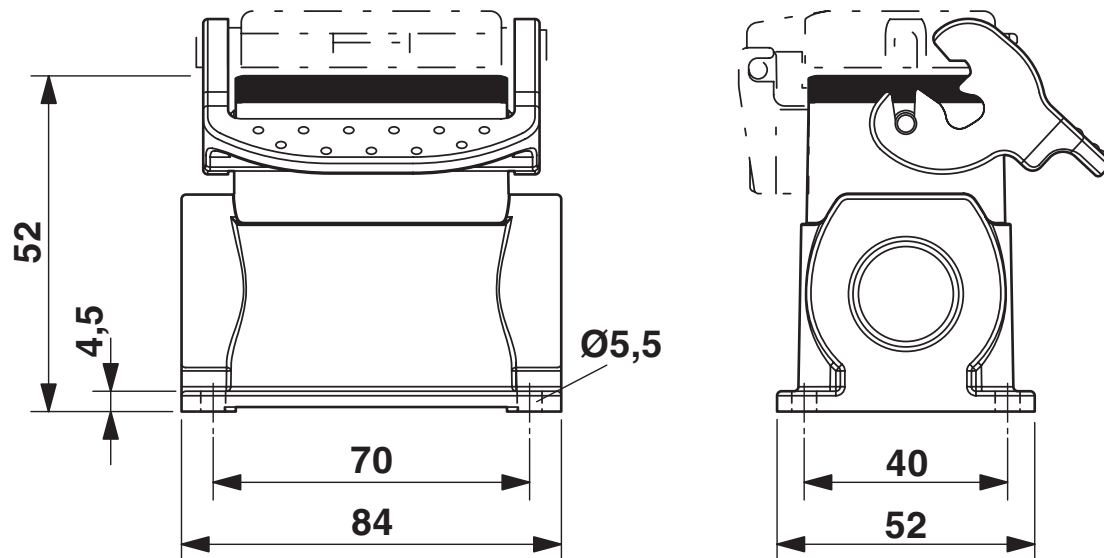
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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

ECLASS-11.0	27440202
ECLASS-13.0	27440202

### UNSPSC

UNSPSC 21.0	31261501
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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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## Accessories

### G-INS-M20-S68N-NNES-S - Cable gland

1411163

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

<https://www.phoenixcontact.com/us/products/1645998>



Metal screw connection up to 5 bar, thread length: 6 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M20

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## HC-M-KV-M20(1ASI) - Cable gland

1584017

<https://www.phoenixcontact.com/us/products/1584017>



Metal screw connection for an AS-Interface flat-ribbon conductor, thread type M20

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