

# HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



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.



HEAVYCON box mounting base B10, with double locking latch, height 52 mm, with supports 2xM25 and protective cover

## Commercial data

Item number	1604751
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF55
Product key	BF7AAC
Catalog page	Page 496 (C-4-2013)
GTIN	4017918882471
Weight per piece (including packing)	249.02 g
Weight per piece (excluding packing)	249.02 g
Customs tariff number	85389099
Country of origin	DE

# HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## Technical data

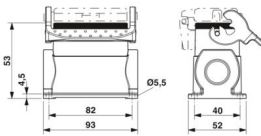
### Notes

General	For contact inserts HC-B10, BB18, DD42, M, K8/24
---------	--

### Product properties

Product type	Housing with locking latch
Housing type	Box mounting bases
Application	Standard
Type	B10
No. of cable outlets	2
Type of the screw connection	2x M25
Protective cover	yes
Shielded	no
Cable outlet	lateral
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	52 mm
Height	52 mm
Length	93 mm

### Material specifications

Seal material	NBR
Housing material	die-cast aluminum
Housing surface material	Powder-coated, gray
Material, protective cover	PA
Locking latch material	Stainless steel, handle: PA

### Mechanical properties

Mechanical data	
Type of the screw connection	2x M25
Locking type	Latch

### Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP65 (When plugged in)
	IP54 (with closed protective cover)

# HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

# HC-B 10-SMLD-52/O2M25 - Housing

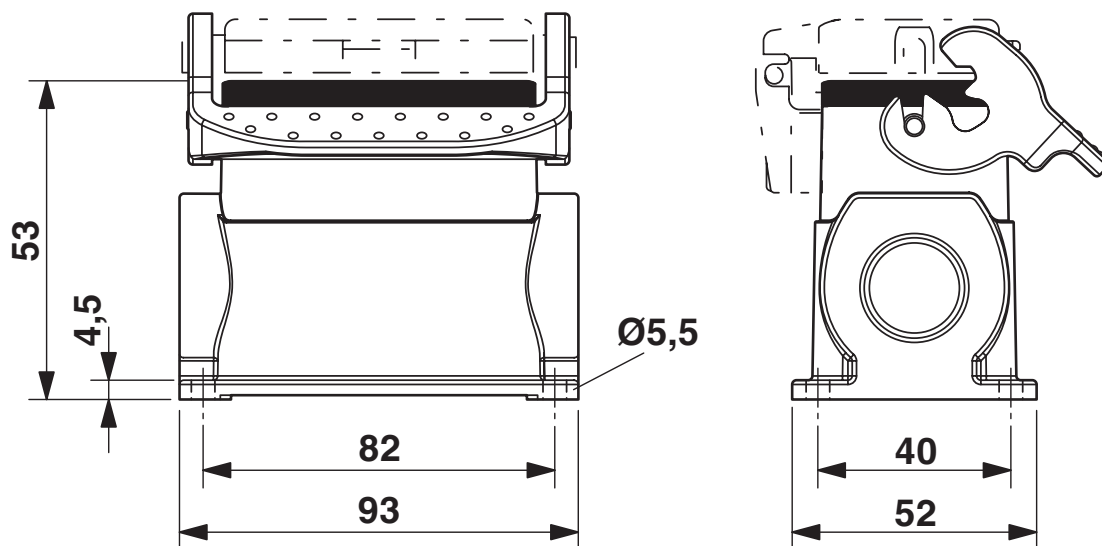
1604751

<https://www.phoenixcontact.com/us/products/1604751>



## Drawings

Dimensional drawing



Dimensional drawing

# HC-B 10-SMLD-52/O2M25 - Housing



1604751

<https://www.phoenixcontact.com/us/products/1604751>

## Classifications

### ECLASS

ECLASS-11.0	27440202
ECLASS-13.0	27440202

### UNSPSC

UNSPSC 21.0	31261501
-------------	----------

# HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## 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%

# HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## Accessories

### G-INS-M25-M68N-PNES-GY - Cable gland

1411126

<https://www.phoenixcontact.com/us/products/1411126>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-grey RAL 7001

---

### G-INS-M25-M68N-PNES-BK - Cable gland

1411134

<https://www.phoenixcontact.com/us/products/1411134>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

## HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## G-INS-M25-M68N-NNES-S - Cable gland

1411165

<https://www.phoenixcontact.com/us/products/1411165>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

---

## HC-M-KV-M25(14-21) - Cable gland

1646007

<https://www.phoenixcontact.com/us/products/1646007>



Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25



# HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## G-INSEC-M25-S68N-NCRS-S - Cable gland

1411190

<https://www.phoenixcontact.com/us/products/1411190>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 11 mm ... 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

---

## G-INESR-M25-M68N-NEPDS-S - Cable gland

1415193

<https://www.phoenixcontact.com/us/products/1415193>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 9 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with external strain relief, with O-ring

## HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## HC-M-KV-T-M25 - Cable gland

1646191

<https://www.phoenixcontact.com/us/products/1646191>

Metal screw connection with cable bend protection and strain relief, thread length: 7 mm, cable sealing area: 10 - 19 mm, clamping area: 14 - 21 mm, SW 30, screw connection: M25



---

## REDUC-M-KV-M25/M20 - Reducing adapter

1647624

<https://www.phoenixcontact.com/us/products/1647624>

Reducing adapter, connecting thread: M25 x 1.5, color: silver, with O-ring



## HC-B 10-SMLD-52/O2M25 - Housing

1604751

<https://www.phoenixcontact.com/us/products/1604751>



## ENLAR-M-KV-M25/M32 - Extension adapter

1647679

<https://www.phoenixcontact.com/us/products/1647679>

Extension adapter, connecting thread: M25 x 1.5, color: silver, with O-ring



---

## HC-M-BS-M25 - Screw plug

1645859

<https://www.phoenixcontact.com/us/products/1645859>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M25 x 1.5, color: silver



---

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](mailto:info@phoenixcon.com)