

# HC-B 16-SML-84/O1M32 - Housing

1646299

<https://www.phoenixcontact.com/us/products/1646299>



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HEAVYCON box mounting base B16, with single locking latch, height 84 mm, with support 1x M32

## Commercial data

Item number	1646299
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF55
Product key	BF7AAC
Catalog page	Page 512 (C-4-2013)
GTIN	4017918954925
Weight per piece (including packing)	431.3 g
Weight per piece (excluding packing)	420.6 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

## Notes

General	For contact inserts HC-B16, BB32, BBB40, D40, DD72, HS6, M, K
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## Product properties

Product type	Housing with locking latch
Housing type	Box mounting bases
Application	Standard
Type	B16
No. of cable outlets	1
Type of the screw connection	1x M32
Shielded	no
Cable outlet	left (view of the opened single locking latch)
Pg screw connection	none

## Dimensions

Dimensional drawing	<p>The technical drawing shows two views of the lock cylinder. The front view (left) indicates a total length of 117 mm, a mounting plate width of 105 mm, and a mounting hole diameter of Ø5.5. The side view (right) shows a height of 84 mm and a base width of 57 mm.</p>
Width	57 mm
Height	84 mm
Length	117 mm

## Material specifications

Seal material	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 M32
Locking type	Latch

## Mounting

Assembly note	For half and full screw connections
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### Environmental and real-life conditions

Ambient conditions

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Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 125 °C

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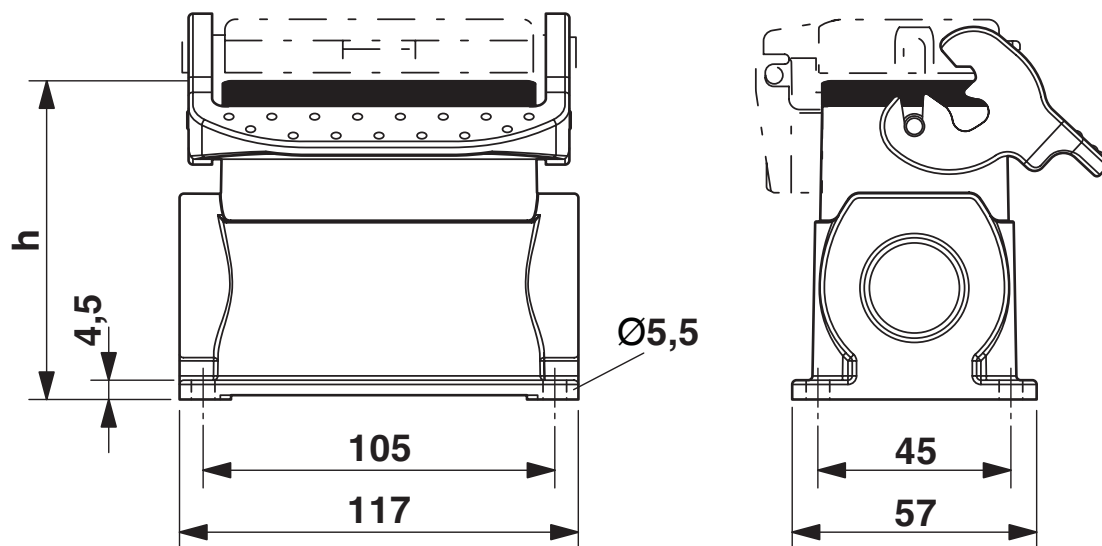
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## Drawings

Dimensional drawing



Dimensional drawing;  $h = 84 \text{ mm}$

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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-M32-M68N-PNES-GY - Cable gland

1411127

<https://www.phoenixcontact.com/us/products/1411127>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver-grey RAL 7001

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### G-INS-M32-M68N-PNES-BK - Cable gland

1411136

<https://www.phoenixcontact.com/us/products/1411136>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: jet black RAL 9005

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## G-INS-M32-M68N-NNES-S - Cable gland

1411166

<https://www.phoenixcontact.com/us/products/1411166>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

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## HC-M-KV-M32(19-27) - Cable gland

1646010

<https://www.phoenixcontact.com/us/products/1646010>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 19 - 27 mm, WAF 43, screw connection: M32



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## G-INSEC-M32-M68N-NCRS-S - Cable gland

1411191

<https://www.phoenixcontact.com/us/products/1411191>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 14 mm ... 21 mm, shielding: yes, connecting thread: M32 x 1.5, color: silver, with O-ring

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## HC-M-KV-Z-M32 - Cable gland

1646162

<https://www.phoenixcontact.com/us/products/1646162>



Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 19 - 30 mm, SW 40, screw connection: M32

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## HC-M-KV-T-M32 - Cable gland

1646201

<https://www.phoenixcontact.com/us/products/1646201>

Metal screw connection with cable bend protection and strain relief, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 20 - 30 mm, SW 40, screw connection: M32



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## REDUC-M-KV-M32/M25 - Reducing adapter

1647637

<https://www.phoenixcontact.com/us/products/1647637>

Reducing adapter, connecting thread: M32 x 1.5, color: silver, with O-ring



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## ENLAR-M-KV-M32/M40 - Extension adapter

1647682

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Extension adapter, connecting thread: M32 x 1.5, color: silver, with O-ring



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## HC-M-BS-M32 - Screw plug

1645862

<https://www.phoenixcontact.com/us/products/1645862>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M32 x 1.5, color: silver



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