

# HC-HPR-B16-SHFH-2SSM32-EMR-BK - Housing

1411054

<https://www.phoenixcontact.com/us/products/1411054>



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HEAVYCON B16 box mounting base, for screw locking, HPR series, with 2 x M32 gland, for increased environmental and EMC requirements

## Your advantages

- Vibration and shock: IEC 61373/EN 50155, category 1, class 1B

## Commercial data

Item number	1411054
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	BF7AAI
Catalog page	Page 628 (C-4-2015)
GTIN	4046356921640
Weight per piece (including packing)	966.7 g
Weight per piece (excluding packing)	966 g
Customs tariff number	85389099
Country of origin	CN

## 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 screw locking
Housing type	Surface mounting housing
Product family	HC-HPR-B
Series	HPR-B16
Application	Railway applications
Type	B16
No. of cable outlets	2
Type of the screw connection	2x M32
Type	Tall design
Protective cover	no
Cable outlet	lateral
Pg screw connection	none

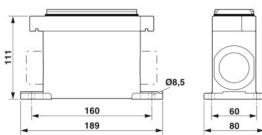
### Data management status

Article revision	01
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### Connection data

Tightening torque	10 Nm ... 15 Nm (for M8 mounting screws on the surface-mount housing)
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### Dimensions

Dimensional drawing	
Width	80 mm
Height	111 mm
Length	189 mm
Drill hole distance, horizontal	160 mm
Drill hole distance, vertical	60 mm
Hole diameter	8.5 mm

### Material specifications

Seal material	NBR
Housing material	Die-cast aluminum
Housing surface material	Powder-coated, black

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (0.5 bar / 24 h)
	IP69 (ISO 20653:2013-02)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

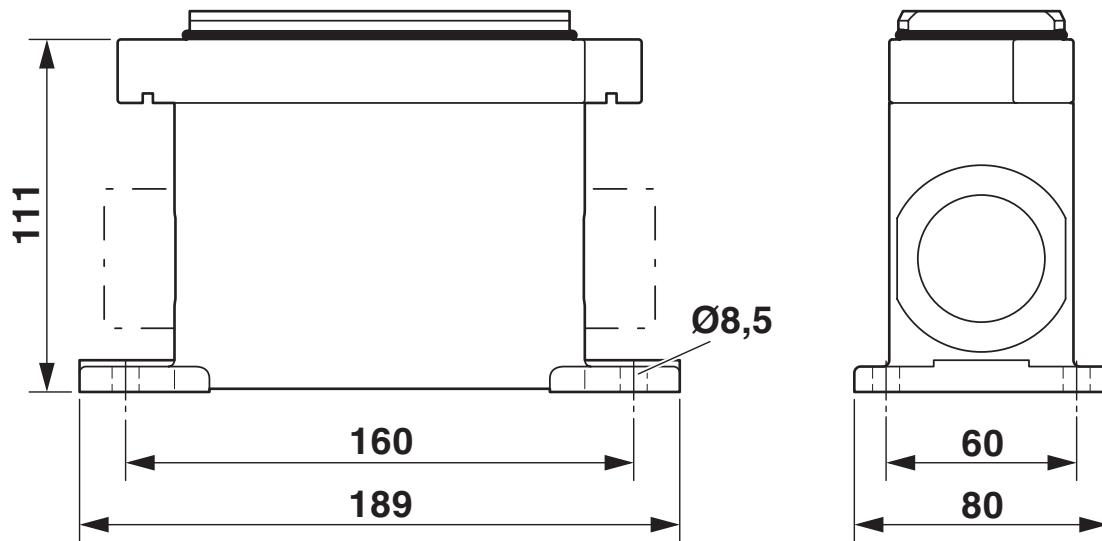
## Mechanical properties

### Mechanical data

Type of the screw connection	2x M32
Locking type	Nut

## Drawings

Dimensional drawing



Dimensional drawing

## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411054>

**DNV**

Approval ID: TAE000037S



**EAC**

Approval ID: RU C-DE.AI30.B.01102



**EAC**

Approval ID: RU C-DE.BL08.B.00511

## 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

### 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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