

# HC-HPR-B16-BFH-EMR-BK - Housing

1411060

<https://www.phoenixcontact.com/us/products/1411060>



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HEAVYCON B16 panel mounting base, HPR series, for screw locking, for increased environmental and EMC requirements

## Your advantages

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

## Commercial data

Item number	1411060
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	BF7AAI
Catalog page	Page 628 (C-4-2015)
GTIN	4046356921619
Weight per piece (including packing)	180.61 g
Weight per piece (excluding packing)	167.23 g
Customs tariff number	85389099
Country of origin	CN

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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 screw locking
Housing type	Panel mounting base
Product family	HC-HPR-B
Series	HPR-B16
Application	Railway applications
Type	B16
Protective cover	no
Pg screw connection	none

### Connection data

Tightening torque	4 Nm (Locking screw)
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### Dimensions

Dimensional drawing	
Width	58 mm
Height	20 mm
Length	165 mm
Drill hole distance, horizontal	103 mm
Drill hole distance, vertical	32 mm
Hole diameter	6.5 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	82 mm

### Material specifications

Seal material	NBR
Housing material	die-cast aluminum
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel
Material of locking screw	Stainless steel

### Environmental and real-life conditions

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## 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

Locking type	Nut
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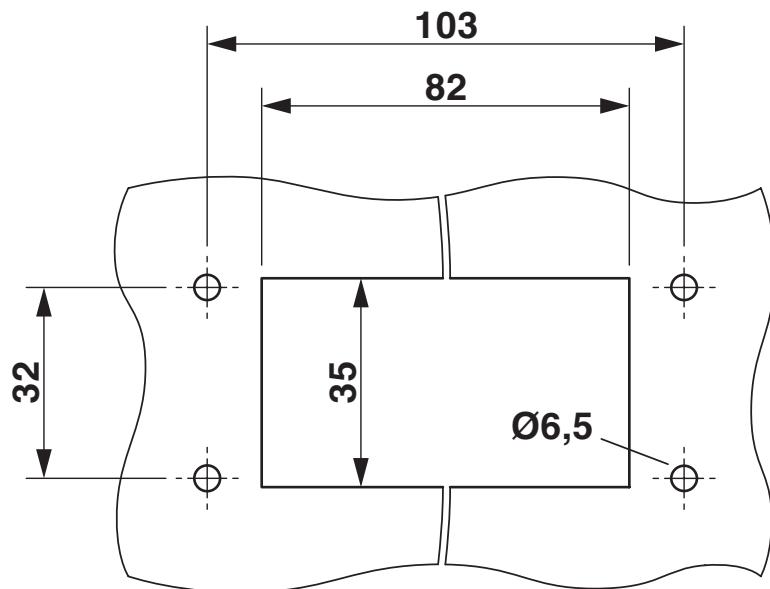
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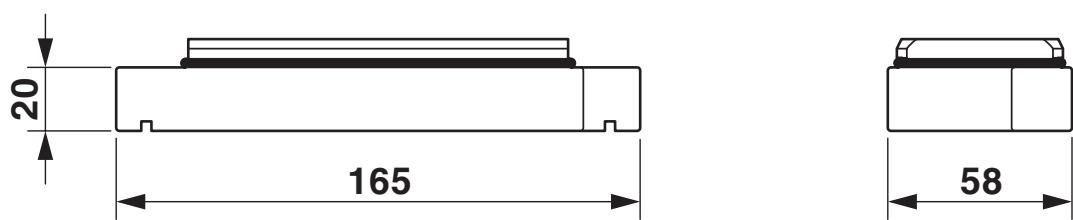
## Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing



Dimensional drawing

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411060>

**DNV**

Approval ID: TAE000037S



**EAC**

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



**EAC**

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

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## 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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## Accessories

### HC-HPR-B16-BCLWH-E-BK - Protective cover

1418445

<https://www.phoenixcontact.com/us/products/1418445>

Protective cover B16, with screw locking, material: die-cast aluminum, protective cover material: Al, height: 32 mm, seal: no, for increased environmental and EMC requirements



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### US-ELMP-HA (20X9) - Plastic label

0830989

<https://www.phoenixcontact.com/us/products/0830989>

Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70



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US-EMLP-HA (20X9) CUS - Plastic label

0830995

<https://www.phoenixcontact.com/us/products/0830995>

Plastic label, Card, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70



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