

# HC-HPR-B10-BFH-EMR-BK - Housing



1411083

<https://www.phoenixcontact.com/us/products/1411083>

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HEAVYCON B10 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	1411083
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	AF7AAI
GTIN	4046356921541
Weight per piece (including packing)	157.7 g
Weight per piece (excluding packing)	157.7 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

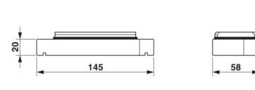
### Product properties

Product type	Housing with screw locking
Housing type	Panel mounting base
Product family	HC-HPR-B
Series	HPR-B10
Application	Railway applications
Type	B10
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	145 mm
Drill hole distance, horizontal	83 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	60 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

#### Ambient conditions

Degree of protection	IP66
	IP68 (0.5 bar / 24 h)

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	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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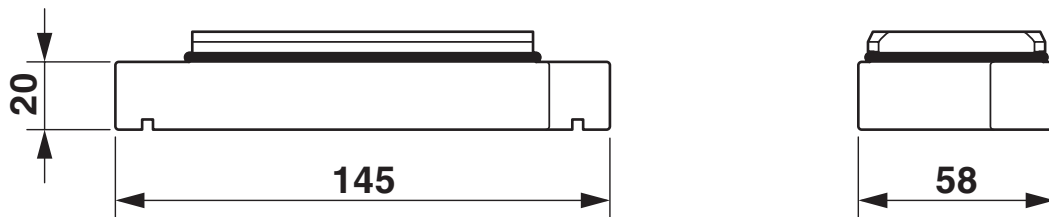


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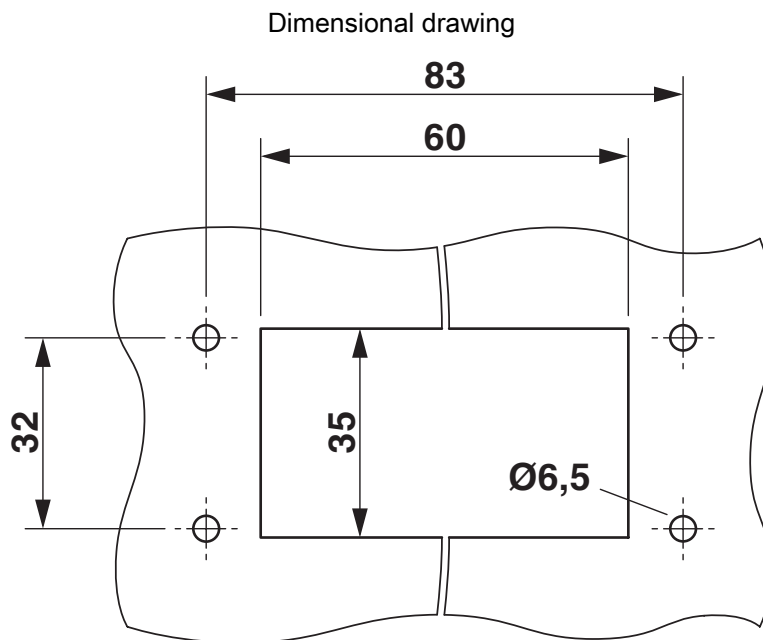
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## Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411083>

**DNV**

Approval ID: TAE000037S



**EAC**

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

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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 10.0	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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