

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	BF7AAI
Catalog page	Page 627 (C-4-2015)
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

Notes

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

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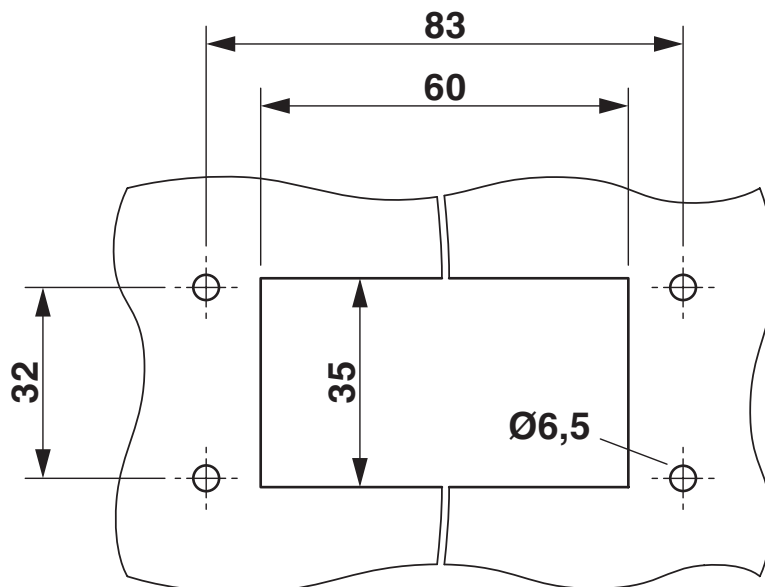
Degree of protection	IP66
	IP68 (0.5 bar / 24 h)
	IP69 (ISO 20653:2013-02)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

Mechanical data	
Locking type	Nut

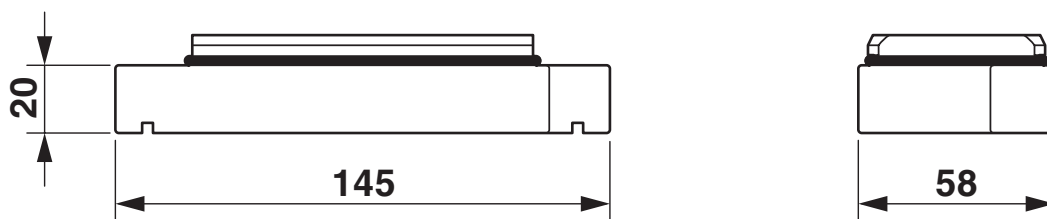
Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing



Dimensional drawing

Approvals

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



Approval ID: TAE000037S



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



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
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-B10-BCLWH-E-BK - Protective cover

1418444

<https://www.phoenixcontact.com/us/products/1418444>



Protective cover B10, with screw locking, material: die-cast aluminum, protective cover material: Al, height: 32 mm, seal: no, for increased environmental and EMC requirements

US-EMLP-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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