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

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	AF7AAI
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

Technical data

Notes

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

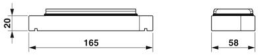
Product properties

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)

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

Material grommet GRP	NBR (Profile gasket (O-ring))
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)
	IP69 (ISO 20653:2013-02)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

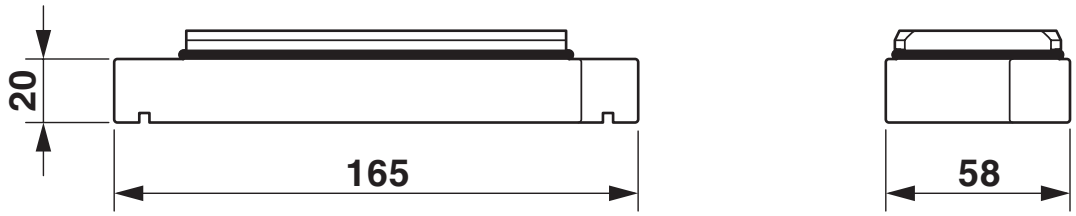
Mechanical properties

Mechanical data

Locking type	Nut

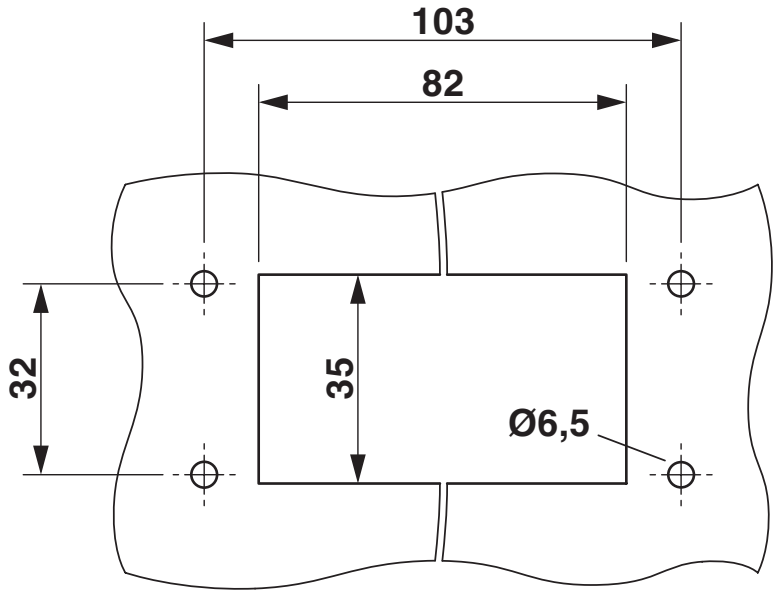
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout

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

Classifications

ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

ETIM

ETIM 10.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

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%

EF3.1 Climate Change

CO2e kg	7.467 kg CO2e

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