

# HC-HPR-B06-HHWH-1STM20-EM-BK - Housing



1411878

<https://www.phoenixcontact.com/us/products/1411878>

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HEAVYCON B6 sleeve housing, HPR series, with screw locking, with M20 thread, lateral outlet, for increased environmental and EMC requirements

## Your advantages

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

## Commercial data

Item number	1411878
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	AF7AAI
GTIN	4046356944250
Weight per piece (including packing)	497.2 g
Weight per piece (excluding packing)	497.2 g
Customs tariff number	85389099
Country of origin	CN

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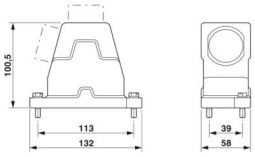
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## Technical data

### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-HPR-B
Series	HPR-B6
Application	Railway applications
Type	B6
No. of cable outlets	1
Type of the screw connection	1x M20
Protective cover	no
Cable outlet	lateral
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	58 mm
Height	100.5 mm
Length	132 mm

### Material specifications

Housing material	Die-cast aluminum
Housing surface material	Powder-coated, black
Locking latch material	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

Type of the screw connection	1x M20
Locking type	Screw

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## Mounting

Assembly note

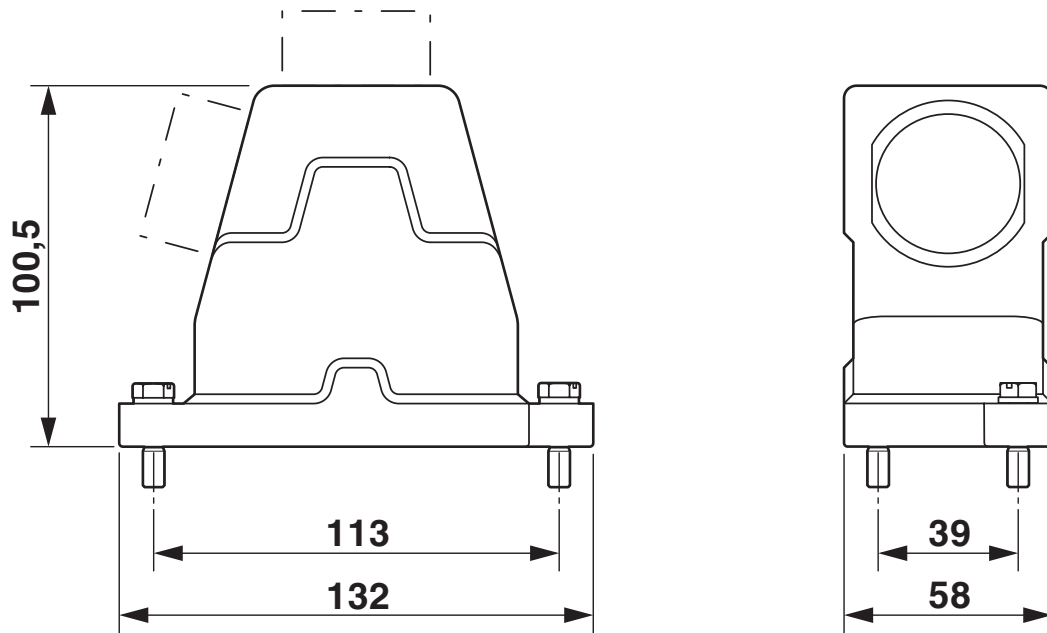
M6 locking screw, slotted hexagon head screw (SW10),  
tightening torque: 4 Nm

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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411878>

**DNV**

Approval ID: TAE000037S

**ENEC**

**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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