

# HC-HPR-B06-SHFH-2SSM20-EMR-BK - Housing



1411880

<https://www.phoenixcontact.com/us/products/1411880>

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HEAVYCON B6 box mounting base, for screw locking, HPR series, with 2 x M20 gland, for increased environmental and EMC requirements

## Your advantages

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

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1411880             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF60                |
| Product key                          | BF7AAI              |
| Catalog page                         | Page 626 (C-4-2015) |
| GTIN                                 | 4046356944472       |
| Weight per piece (including packing) | 822 g               |
| Weight per piece (excluding packing) | 806 g               |
| Customs tariff number                | 85389099            |
| Country of origin                    | CN                  |

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## Technical data

### Notes

|         |                                          |
|---------|------------------------------------------|
| General | For contact inserts HC-B6, BB10, DD24, M |
|---------|------------------------------------------|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with screw locking |
| Housing type                 | Surface mounting housing   |
| Product family               | HC-HPR-B                   |
| Series                       | HPR-B6                     |
| Application                  | Railway applications       |
| Type                         | B6                         |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M20                     |
| Type                         | Tall design                |
| Protective cover             | no                         |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

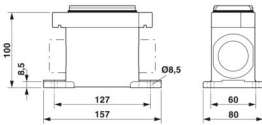
### Data management status

|                  |    |
|------------------|----|
| Article revision | 01 |
|------------------|----|

### Connection data

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Tightening torque | 10 Nm ... 15 Nm (for M8 mounting screws on the surface-mount housing) |
|-------------------|-----------------------------------------------------------------------|

### Dimensions

|                                 |                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing             |  |
| Width                           | 80 mm                                                                                |
| Height                          | 100 mm                                                                               |
| Length                          | 157 mm                                                                               |
| Drill hole distance, horizontal | 127 mm                                                                               |
| Drill hole distance, vertical   | 60 mm                                                                                |
| Hole diameter                   | 8.5 mm                                                                               |

### Material specifications

|                          |                      |
|--------------------------|----------------------|
| Seal material            | NBR                  |
| Housing material         | Die-cast aluminum    |
| Housing surface material | Powder-coated, black |

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## 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 | 2x M20 |
| Locking type                 | Nut    |

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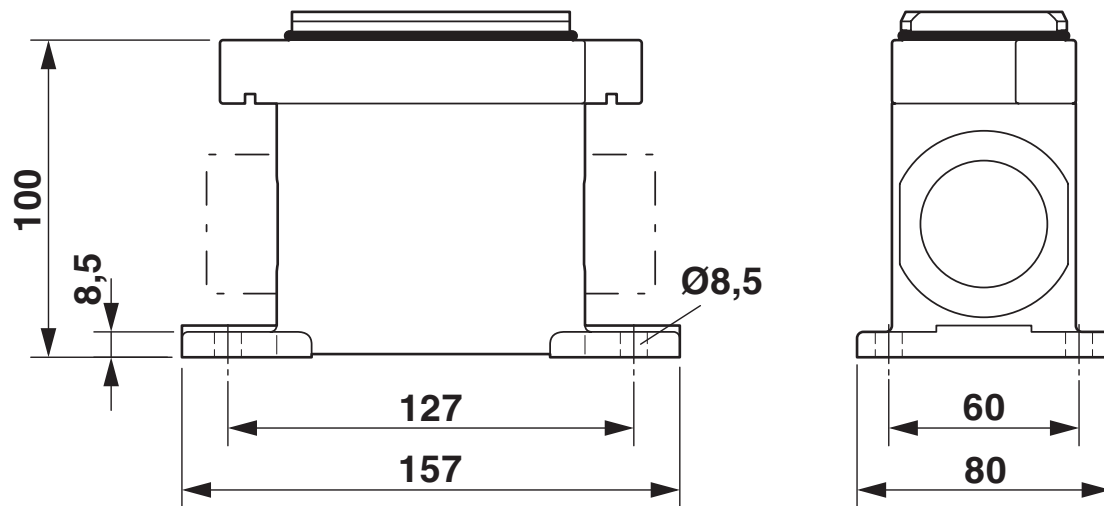
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411880>

### DNV

Approval ID: TAE000037S



### EAC

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



### EAC

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 |
|----------|----------|

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%               |