

# HC-HPR-B16-HHWH-1TTM32-EM-BK - Housing



1411059

<https://www.phoenixcontact.com/us/products/1411059>

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HEAVYCON B16 sleeve housing, HPR series, with screw locking, with M32 thread, straight outlet, for increased environmental and EMC requirements

## Your advantages

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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1411059       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF60          |
| Product key                          | AF7AAI        |
| GTIN                                 | 4046356921602 |
| Weight per piece (including packing) | 644.5 g       |
| Weight per piece (excluding packing) | 644.5 g       |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

1411059

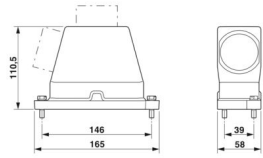
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## Technical data

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with screw locking |
| Housing type                 | Sleeve housing             |
| Product family               | HC-HPR-B                   |
| Series                       | HPR-B16                    |
| Application                  | Railway applications       |
| Type                         | B16                        |
| No. of cable outlets         | 1                          |
| Type of the screw connection | 1x M32                     |
| Protective cover             | no                         |
| Cable outlet                 | straight                   |
| Pg screw connection          | none                       |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 59.2 mm  |
| Height              | 110.5 mm   |
| Length              | 166.2 mm   |

### Material specifications

|                           |                      |
|---------------------------|----------------------|
| Housing material          | Die-cast aluminum    |
| Housing surface material  | Powder-coated, black |
| Material of locking screw | Stainless steel      |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |   |
|---------------------------------|---|
| Degree of protection            | IP66<br>IP68 (0.5 bar / 24 h)<br>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 M32 |
| 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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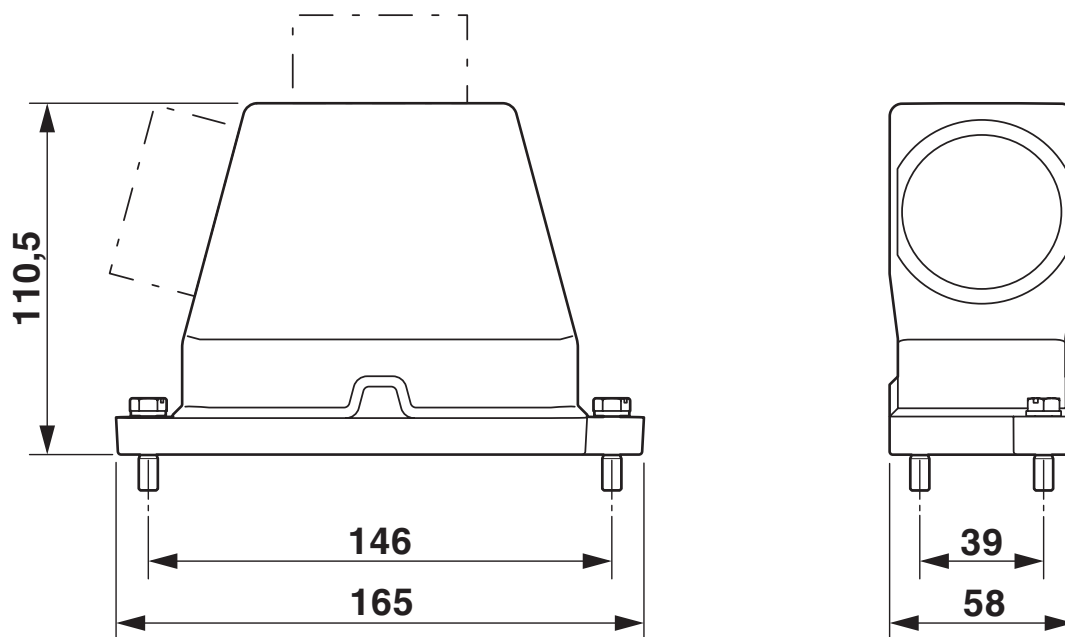


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411059>

**DNV**

Approval ID: TAE000037S

**ENEC**

**EAC**

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

1411059

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000437 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

1411059

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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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