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

1411059

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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 |

## Technical data

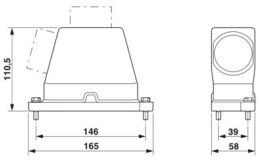
### Notes

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

### Product properties

| | |
|---|---|
| Product type | Housing with screw locking |
| Housing type | 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 |
| | 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

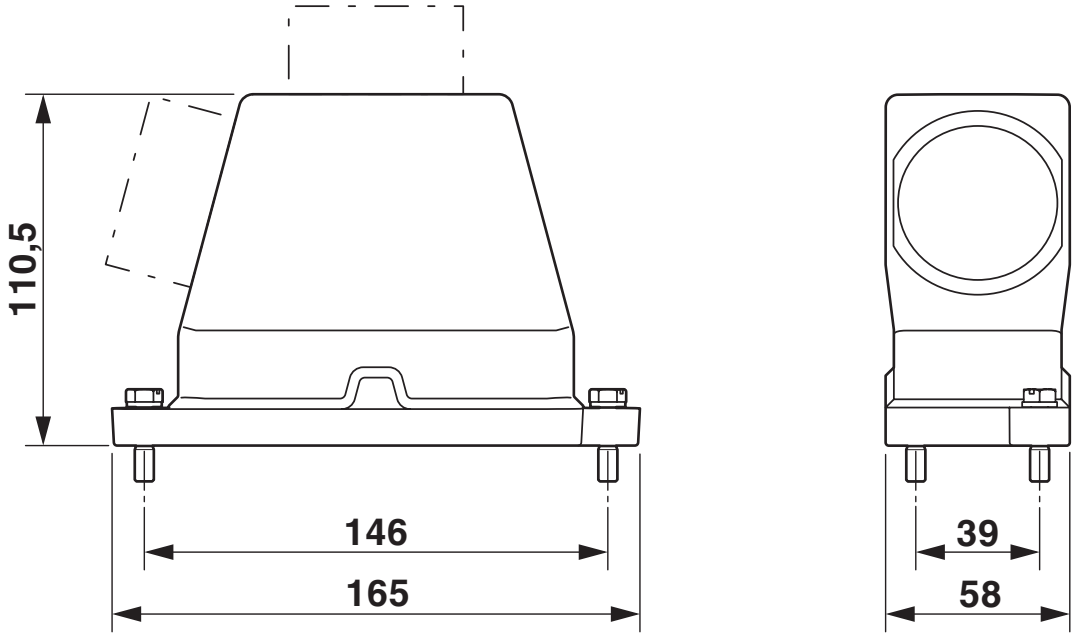
| | |
|---|---|
| Type of the screw connection | 1x M32 |
| Locking type | Screw |

## Mounting

| | |
|---|---|
| Assembly note | M6 locking screw, slotted hexagon head screw (SW10), tightening torque: 4 Nm |

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

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

**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% |


Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com



Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com