# HC-HPR-D07-BAFH-EMR-BK - Housing

1424635

https://www.phoenixcontact.com/us/products/1424635

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Panel mounting base D7, For screw locking, material: Die-cast zinc, height: 41.5 mm, cable gland: none, protective cover: no, Railway applications, for increased environmental and EMC requirements, HPR series, open floor

## Your advantages

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

## Commercial data

| | |
|---|---|
| Item number | 1424635 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF60 |
| Product key | AF7AAJ |
| GTIN | 4055626375649 |
| Weight per piece (including packing) | 139.3 g |
| Weight per piece (excluding packing) | 139.3 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

## Technical data

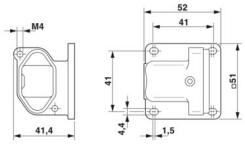
### Notes

| | |
|---|---|
| General | for contact insertsHC-D7, D8, A3, A4, HS2-D7,Q5, Q7, Q12 |

### Product properties

| | |
|---|---|
| Product type | Housing with screw locking |
| Housing type | Panel mounting base |
| Product family | HC-STA-D07 |
| Series | HPR-D7 |
| Application | Railway applications |
| Type | D7 |
| Protective cover | no |
| Shielded | yes |
| Pg screw connection | none |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 51 mm |
| Height | 41.5 mm |
| Length | 52 mm |
| Hole diameter | 4.4 mm |

### Material specifications

| | |
|---|---|
| Seal material | NBR (Flat gasket) |
| | NBR (Profile gasket (O-ring)) |
| Housing material | Die-cast zinc |
| Housing surface material | Powder-coated, black |

### Environmental and real-life conditions

#### Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 (with sealing screw) |
| | IP68 (0.4 bar / 30 min. with sealing screw) |
| | IP69 (ISO 20653:2013-02) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

### Mechanical properties

#### Mechanical data

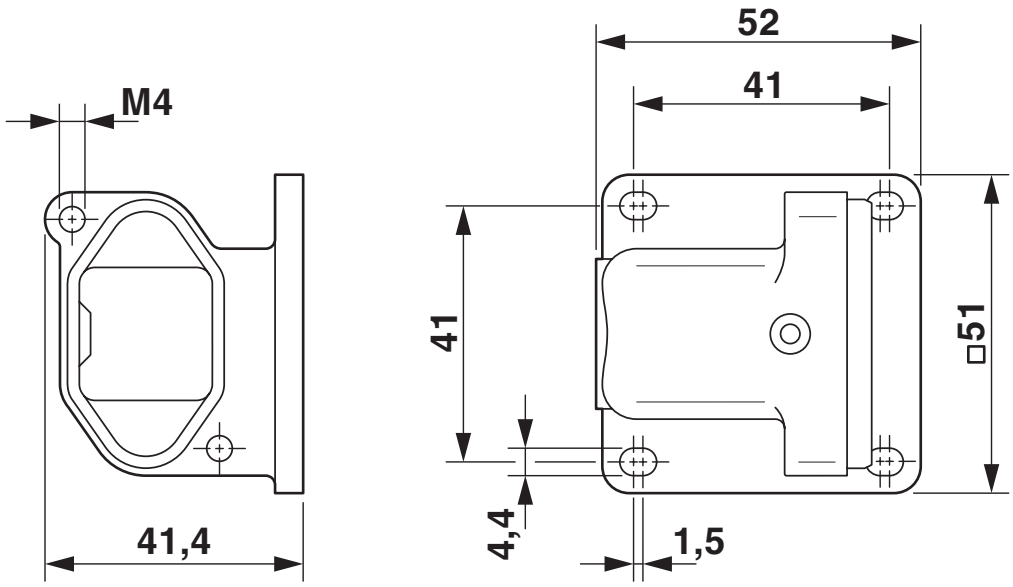
| | |
|---|---|
| Locking type | Nut |

## Mounting

| | |
|---|---|
| Assembly note | M4 locking screw, slotted hexagon head screw (wrench size 7), tightening torque: 1 Nm. The seal of the pin contact insert should be removed. Max. thread length of the screw connection: 6 mm |
| | Mount contact insert with sealing screw in the housing |

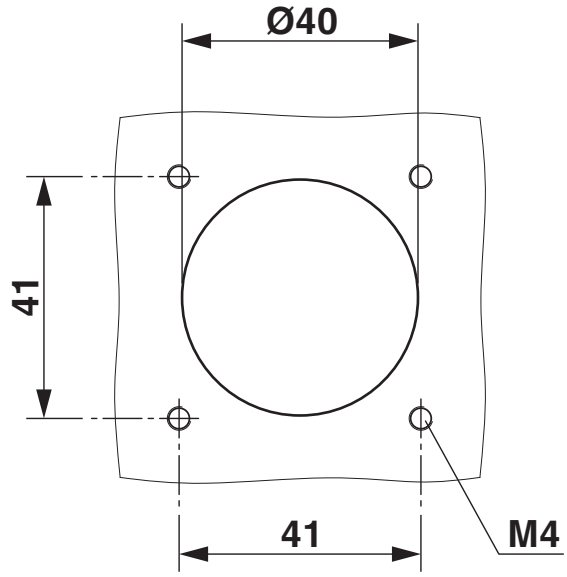
## Drawings

Dimensional drawing




Dimensional drawing

Dimensional drawing




Mounting cutout

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424635

**DNV**
Approval ID: TAE000037S

## 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% |


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