

# HC-HPR-D07-HLWH-1TTM20-EM-BK - Housing



1424638

<https://www.phoenixcontact.com/us/products/1424638>

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Sleeve housing D7, with screw locking, material: Die-cast zinc, cable outlets: 1, straight, 1x M20, height: 54.9 mm, cable gland: none, protective cover: no, Railway applications, for increased environmental and EMC requirements, Series HPR

## Your advantages

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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1424638       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF60          |
| Product key                          | BF7AAJ        |
| GTIN                                 | 4055626375670 |
| Weight per piece (including packing) | 82.2 g        |
| Weight per piece (excluding packing) | 79 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                 | Sleeve housing             |
| Series                       | HPR-D7                     |
| Application                  | Railway applications       |
| Type                         | D7                         |
| No. of cable outlets         | 1                          |
| Type of the screw connection | 1x M20                     |
| Type                         | Low design                 |
| Protective cover             | no                         |
| Shielded                     | yes                        |
| Cable outlet                 | straight                   |
| Pg screw connection          | none                       |

### Connection data

|                   |                      |
|-------------------|----------------------|
| Tightening torque | 1 Nm (Locking screw) |
|-------------------|----------------------|

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 32.4 mm  |
| Height              | 54.9 mm  |
| Length              | 45.5 mm  |

### Material specifications

|                          |                      |
|--------------------------|----------------------|
| Housing material         | Die-cast zinc        |
| Housing surface material | Powder-coated, black |
| Locking latch material   | Stainless steel      |

### 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                           |

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## Mechanical properties

### Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 1x M20 |
| Locking type                 | Screw  |

## Mounting

|               |  |
|---------------|--|
| Assembly note | M4 locking screw, slotted hexagon head screw (wrench size 7),<br>tightening torque: 1 Nm |
|               | Mount contact insert with sealing screw in the housing                                   |

# HC-HPR-D07-HLWH-1TTM20-EM-BK - Housing

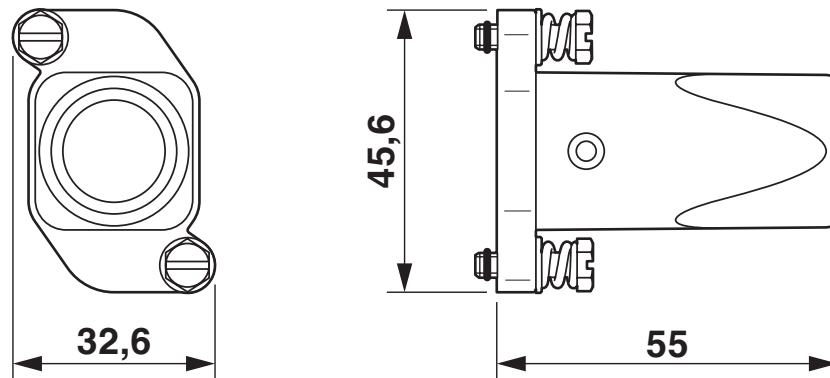


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

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### DNV

Approval ID: TAE000037S

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## 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%               |

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