

# HC-HPR-B24-HHWH-1TTM40-EM-BK - Housing



1411062

<https://www.phoenixcontact.com/us/products/1411062>

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HEAVYCON B24 sleeve housing, HPR series, with screw locking, with M40 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                          | 1411062             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF60                |
| Product key                          | BF7AAI              |
| Catalog page                         | Page 629 (C-4-2015) |
| GTIN                                 | 4046356921671       |
| Weight per piece (including packing) | 742.3 g             |
| Weight per piece (excluding packing) | 730 g               |
| Customs tariff number                | 85389099            |
| Country of origin                    | CN                  |

## Technical data

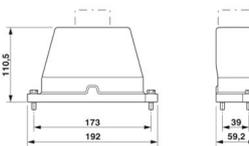
### Notes

|         |  |
|---------|--|
| General | For contact inserts HC-B24, BB46, BBB64, D64, DD108, M |
|---------|--|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with screw locking |
| Housing type                 | Sleeve housing             |
| Product family               | HC-HPR-B                   |
| Series                       | HPR-B24                    |
| Application                  | Railway applications       |
| Type                         | B24                        |
| No. of cable outlets         | 1                          |
| Type of the screw connection | 1x M40                     |
| Type                         | Tall design                |
| Protective cover             | no                         |
| Cable outlet                 | straight                   |
| Pg screw connection          | none                       |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 59.2 mm  |
| Height              | 110.5 mm   |
| Length              | 192 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

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## Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 1x M40 |
| Locking type                 | Screw  |

## Mounting

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

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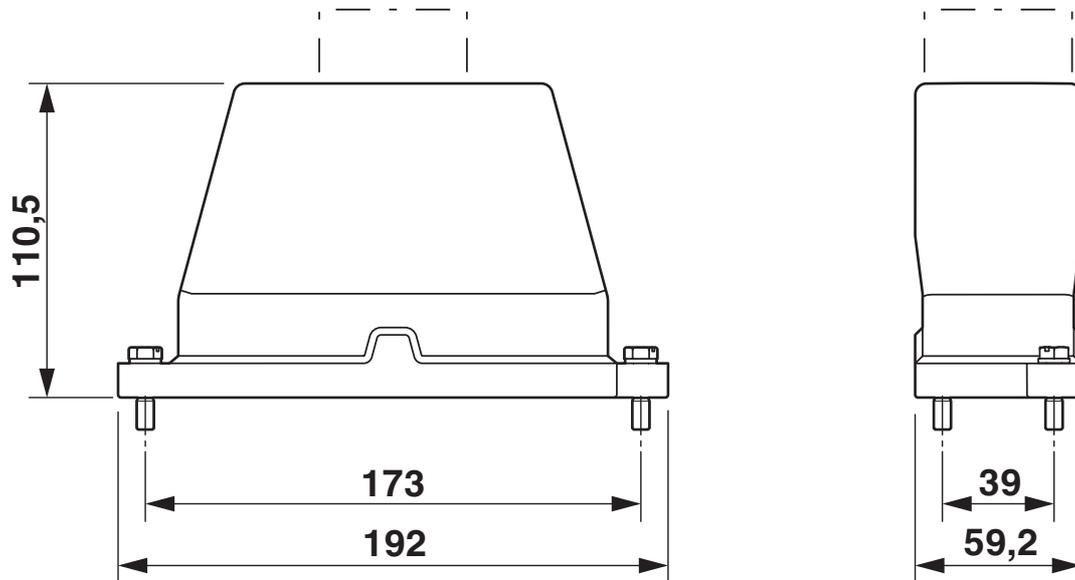


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411062>

**DNV**

Approval ID: TAE000037S

**ERC**

**EAC**

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

**ERC**

**EAC**

Approval ID: RU C-DE.BL08.B.00511

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

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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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## Accessories

### G-INS-M40-M68N-PNES-GY - Cable gland

1411128

<https://www.phoenixcontact.com/us/products/1411128>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver-grey RAL 7001

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### G-INS-M40-M68N-PNES-BK - Cable gland

1411137

<https://www.phoenixcontact.com/us/products/1411137>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: jet black RAL 9005

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## G-INS-M40-M68N-NNES-S - Cable gland

1411167

<https://www.phoenixcontact.com/us/products/1411167>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver, with O-ring

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## HC-M-KV-M40(27-34) - Cable gland

1607729

<https://www.phoenixcontact.com/us/products/1607729>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 27 ... 34 mm, WAF 50, screw connection: M40

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## G-INSEC-M40-M68N-NCRS-S - Cable gland

1411192

<https://www.phoenixcontact.com/us/products/1411192>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 19 mm ... 27 mm, shielding: yes, connecting thread: M40 x 1.5, color: silver, with O-ring

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## HC-M-KV-Z-M40 - Cable gland

1646175

<https://www.phoenixcontact.com/us/products/1646175>



Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 24 - 33 mm, clamping area: 26 - 36 mm, SW 50, screw connection: M40

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## REDUC-M-KV-M40/M32 - Reducing adapter

1647640

<https://www.phoenixcontact.com/us/products/1647640>

Reducing adapter, connecting thread: M40 x 1.5, color: silver, with O-ring



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## HC-M-BS-M40 - Screw plug

1645875

<https://www.phoenixcontact.com/us/products/1645875>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M40 x 1.5, color: silver



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## US-EMLP-HA (20X9) - Plastic label

0830989

<https://www.phoenixcontact.com/us/products/0830989>



Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

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## US-EMLP-HA (20X9) CUS - Plastic label

0830995

<https://www.phoenixcontact.com/us/products/0830995>



Plastic label, Card, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

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