

HC-HPR-B10-HHWH-1TTM25-EM-BK - Housing



1411882

<https://www.phoenixcontact.com/us/products/1411882>

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HEAVYCON B10 sleeve housing, HPR series, with screw locking, with M25 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 | 1411882 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF60 |
| Product key | BF7AAI |
| Catalog page | Page 627 (C-4-2015) |
| GTIN | 4046356944502 |
| Weight per piece (including packing) | 550.2 g |
| Weight per piece (excluding packing) | 533.5 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

Technical data

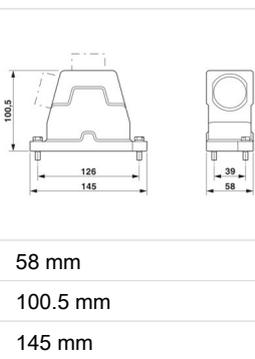
Notes

| | |
|---------|--|
| General | For contact inserts HC-B10, BB18, DD42, M, K8/24 |
|---------|--|

Product properties

| | |
|------------------------------|----------------------------|
| Product type | Housing with screw locking |
| Housing type | Sleeve housing |
| Product family | HC-HPR-B |
| Series | HPR-B10 |
| Application | Railway applications |
| Type | B10 |
| No. of cable outlets | 1 |
| Type of the screw connection | 1x M25 |
| Type | Tall design |
| Protective cover | no |
| Cable outlet | straight |
| Pg screw connection | none |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 58 mm |
| Height | 100.5 mm |
| Length | 145 mm |

Material specifications

| | |
|--------------------------|----------------------|
| Housing material | die-cast aluminum |
| Housing surface material | Powder-coated, black |
| Locking latch material | 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 M25 |
| Locking type | Screw |

Mounting

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

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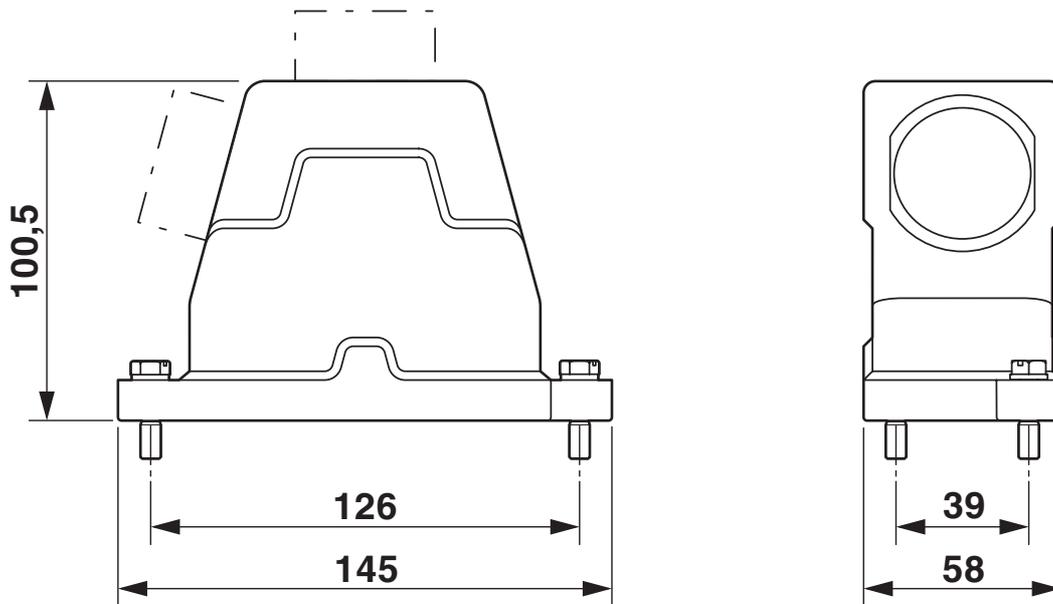


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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411882>

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-M25-M68N-PNES-GY - Cable gland

1411126

<https://www.phoenixcontact.com/us/products/1411126>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-grey RAL 7001

G-INS-M25-M68N-PNES-BK - Cable gland

1411134

<https://www.phoenixcontact.com/us/products/1411134>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

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G-INS-M25-M68N-NNES-S - Cable gland

1411165

<https://www.phoenixcontact.com/us/products/1411165>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-M-KV-M25(14-21) - Cable gland

1646007

<https://www.phoenixcontact.com/us/products/1646007>



Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25

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G-INSEC-M25-S68N-NCRS-S - Cable gland

1411190

<https://www.phoenixcontact.com/us/products/1411190>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 11 mm ... 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

G-INESR-M25-M68N-NEPDS-S - Cable gland

1415193

<https://www.phoenixcontact.com/us/products/1415193>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 9 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with external strain relief, with O-ring

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HC-M-KV-T-M25 - Cable gland

1646191

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Metal screw connection with cable bend protection and strain relief, thread length: 7 mm, cable sealing area: 10 - 19 mm, clamping area: 14 - 21 mm, SW 30, screw connection: M25



REDUC-M-KV-M25/M20 - Reducing adapter

1647624

<https://www.phoenixcontact.com/us/products/1647624>

Reducing adapter, connecting thread: M25 x 1.5, color: silver, with O-ring



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ENLAR-M-KV-M25/M32 - Extension adapter

1647679

<https://www.phoenixcontact.com/us/products/1647679>

Extension adapter, connecting thread: M25 x 1.5, color: silver, with O-ring



HC-M-BS-M25 - Screw plug

1645859

<https://www.phoenixcontact.com/us/products/1645859>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M25 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

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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WP-G HF IP66 M25 BK - Screw connection

3240899

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Cable gland, metric thread, IP66 protection, straight

WP-G HF IP69K M25 BK - Screw connection

3240885

<https://www.phoenixcontact.com/us/products/3240885>



Cable gland, metric thread, IP68/69k protection, straight

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WP-GA HF IP66 M25 BK - Screw connection

3240927

<https://www.phoenixcontact.com/us/products/3240927>

Cable gland, metric thread, IP66 protection, angled



WP-GA HF IP69K M25 BK - Screw connection

3240913

<https://www.phoenixcontact.com/us/products/3240913>

Cable gland, metric thread, IP68/69k protection, angled



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WP-GR HF IP66 M25 BK - Screw connection

3240955

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Cable gland, metric thread, IP66 protection, with strain relief

WP-GR HF IP69K M25 BK - Screw connection

3240941

<https://www.phoenixcontact.com/us/products/3240941>



Cable gland, metric thread, IP68/69k protection, with strain relief

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WP-G PP HF M25 - Screw connection

3240999

<https://www.phoenixcontact.com/us/products/3240999>

Cable gland made from PP with metric thread, IP65 protection



WP-GT PP HF M25 - Screw connection

3241013

<https://www.phoenixcontact.com/us/products/3241013>

Cable gland made from PP with metric thread, rotatable, IP54 protection



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WP-G BRASS IP40 M25 - Screw connection

3241048

<https://www.phoenixcontact.com/us/products/3241048>



Cable gland made from brass with metric thread, IP40 protection

WP-GT BRASS M25 - Screw connection

3241034

<https://www.phoenixcontact.com/us/products/3241034>



Cable gland made from brass with metric thread, rotatable, IP40 protection

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WP-G BRASS IP65 M25 - Screw connection

3241062

<https://www.phoenixcontact.com/us/products/3241062>



Cable gland made from brass with metric thread, IP65 protection

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