

HC-HPR-B24-SHFH-2SSM40-EMR-BK - Housing



1411063

<https://www.phoenixcontact.com/us/products/1411063>

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 B24 box mounting base, for screw locking, HPR series, with 2 x M40 gland, for increased environmental and EMC requirements

Your advantages

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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1411063 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF60 |
| Product key | AF7AAI |
| GTIN | 4046356921695 |
| Weight per piece (including packing) | 1,217 g |
| Weight per piece (excluding packing) | 1,129 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

1411063

<https://www.phoenixcontact.com/us/products/1411063>

Technical data

Notes

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

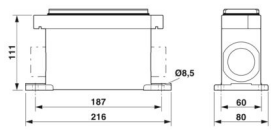
Product properties

| | |
|------------------------------|----------------------------|
| Product type | Housing with screw locking |
| Housing type | Surface mounting housing |
| Product family | HC-HPR-B |
| Series | HPR-B24 |
| Application | Railway applications |
| Type | B24 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x M40 |
| Protective cover | no |
| Cable outlet | lateral |
| Pg screw connection | none |

Connection data

| | |
|-------------------|---|
| Tightening torque | 10 Nm ... 15 Nm (for M8 mounting screws on the surface-mount housing) |
|-------------------|---|

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Width | 80 mm |
| Height | 111 mm |
| Length | 216 mm |
| Drill hole distance, horizontal | 187 mm |
| Drill hole distance, vertical | 60 mm |
| Hole diameter | 8.5 mm |

Material specifications

| | |
|--------------------------|----------------------|
| Seal material | NBR |
| Housing material | Die-cast aluminum |
| Housing surface material | Powder-coated, black |

Environmental and real-life conditions

Ambient conditions

| |
|------|
| IP66 |
|------|

HC-HPR-B24-SHFH-2SSM40-EMR-BK - Housing



1411063

<https://www.phoenixcontact.com/us/products/1411063>

| | |
|---------------------------------|--------------------------|
| Degree of protection | 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 | 2x M40 |
| Locking type | Nut |

HC-HPR-B24-SHFH-2SSM40-EMR-BK - Housing

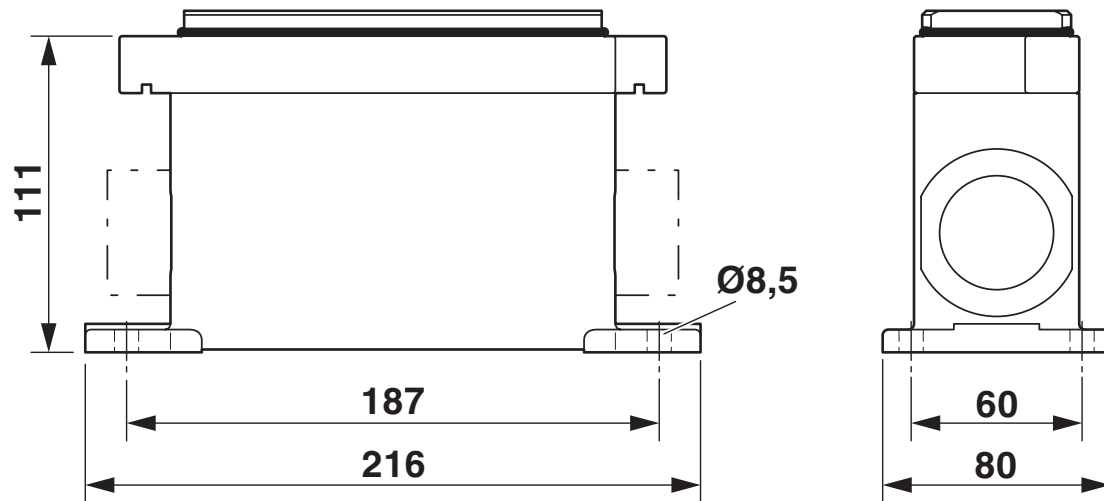


1411063

<https://www.phoenixcontact.com/us/products/1411063>

Drawings

Dimensional drawing



Dimensional drawing

1411063

<https://www.phoenixcontact.com/us/products/1411063>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411063>

DNV

Approval ID: TAE000037S



EAC

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

1411063

<https://www.phoenixcontact.com/us/products/1411063>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000437 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

HC-HPR-B24-SHFH-2SSM40-EMR-BK - Housing



1411063

<https://www.phoenixcontact.com/us/products/1411063>

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