

HC-HPR-B16-BFH-EMR-BK - Housing



1411060

<https://www.phoenixcontact.com/us/products/1411060>

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HEAVYCON B16 panel mounting base, HPR series, for screw locking, for increased environmental and EMC requirements

Your advantages

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

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1411060 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF60 |
| Product key | BF7AAI |
| Catalog page | Page 628 (C-4-2015) |
| GTIN | 4046356921619 |
| Weight per piece (including packing) | 180.61 g |
| Weight per piece (excluding packing) | 167.23 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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Technical data

Notes

| | |
|---------|---|
| General | For contact inserts HC-B16, BB32, BBB40, D40, DD72, HS6, M, K |
|---------|---|


Product properties

| | |
|---------------------|----------------------------|
| Product type | Housing with screw locking |
| Housing type | Panel mounting base |
| Product family | HC-HPR-B |
| Series | HPR-B16 |
| Application | Railway applications |
| Type | B16 |
| Protective cover | no |
| Pg screw connection | none |

Connection data

| | |
|-------------------|----------------------|
| Tightening torque | 4 Nm (Locking screw) |
|-------------------|----------------------|

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Width | 58 mm |
| Height | 20 mm |
| Length | 165 mm |
| Drill hole distance, horizontal | 103 mm |
| Drill hole distance, vertical | 32 mm |
| Hole diameter | 6.5 mm |

Installation dimensions

| | |
|-------------------------------|-------|
| Width of the assembly cutout | 35 mm |
| Length of the assembly cutout | 82 mm |

Material specifications

| | |
|---------------------------|----------------------|
| Seal material | NBR |
| Housing material | die-cast aluminum |
| Housing surface material | Powder-coated, black |
| Locking latch material | Stainless steel |
| Material of locking screw | Stainless steel |

Environmental and real-life conditions

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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 |

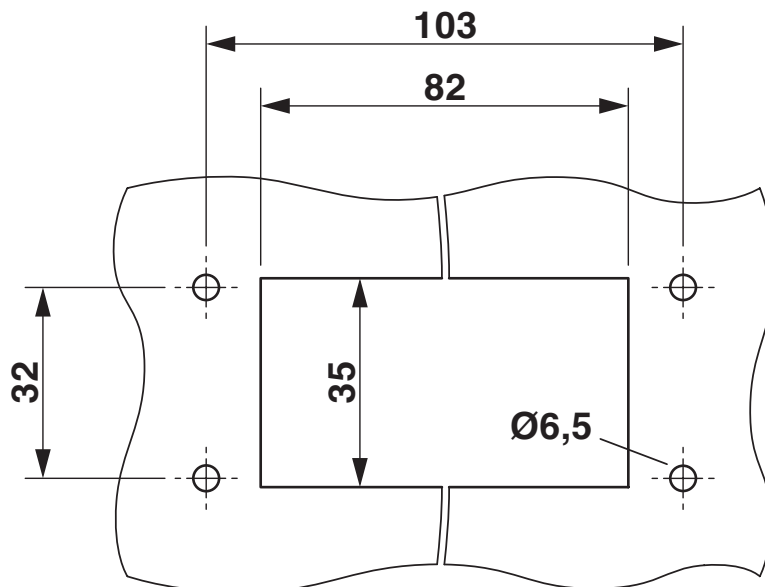
Mechanical properties

Mechanical data

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

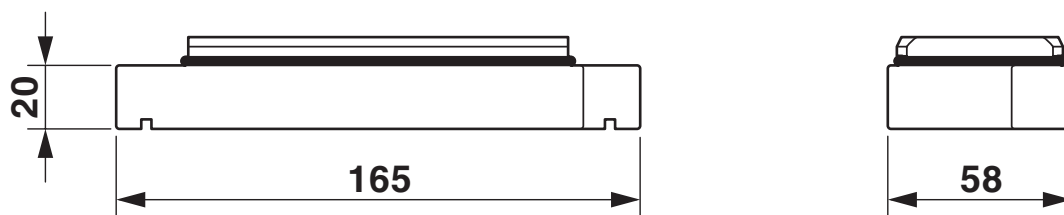
Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing



Dimensional drawing

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Approvals

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DNV
Approval ID: TAE000037S

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

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

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

HC-HPR-B16-BCLWH-E-BK - Protective cover

1418445

<https://www.phoenixcontact.com/us/products/1418445>



Protective cover B16, with screw locking, material: die-cast aluminum, protective cover material: Al, height: 32 mm, seal: no, for increased environmental and EMC requirements

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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