

# HC-EVO-B24-BWSC-PLRBK - Housing



1407660  
<https://www.phoenixcontact.com/us/products/1407660>

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Panel mounting base B24, with single locking latch, material: PA 6.6-FR, protective cover material: PC, height: 30.5 mm, cable gland: none, protective cover: yes, Standard, with flat gasket

## Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1407660             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF57                |
| Product key                          | BF7APL              |
| Catalog page                         | Page 632 (C-2-2019) |
| GTIN                                 | 4046356777230       |
| Weight per piece (including packing) | 151.1 g             |
| Weight per piece (excluding packing) | 142.6 g             |
| Customs tariff number                | 85389099            |
| Country of origin                    | PL                  |

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## Technical data

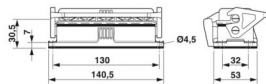
### Notes

|         |  |
|---------|--|
| General | For contact inserts HC-B24, BB46, D64, DD108, M, K, HV10-I-PT, HV 10-E...C |
|---------|--|

### Product properties

|                     |                            |
|---------------------|----------------------------|
| Product type        | Housing with locking latch |
| Housing type        | Panel mounting base        |
| Product family      | HC-EVO-B                   |
| Application         | Standard                   |
| Type                | B24                        |
| Protective cover    | yes                        |
| Pg screw connection | none                       |

### Dimensions

|                                 |  |
|---------------------------------|--|
| Dimensional drawing             |  |
| Width                           | 53 mm  |
| Height                          | 30.5 mm  |
| Length                          | 140.5 mm   |
| Drill hole distance, horizontal | 130 mm   |
| Drill hole distance, vertical   | 32 mm  |
| Hole diameter                   | 4.5 mm   |

### Installation dimensions

|                               |        |
|-------------------------------|--------|
| Width of the assembly cutout  | 35 mm  |
| Length of the assembly cutout | 113 mm |

### Material specifications

|  |                       |
|--|-----------------------|
| Flammability rating according to UL 94 | V0 (Housing)          |
|  | V0 (Interlock)        |
|  | V0 (Protective cover) |
| Seal material                          | NBR                   |
|  | NBR                   |
| Housing material                       | PA 6.6-FR             |
| Material, protective cover             | PC                    |
| Locking latch material                 | PA                    |

### Mechanical properties

#### Mechanical data

|              |       |
|--------------|-------|
| Locking type | Latch |
|--------------|-------|

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## Connection data

|                   |  |
|-------------------|--|
| Tightening torque | 0.8 Nm ... 1.2 Nm (For M4 mounting screws on the panel-mount base) |
|-------------------|--|

## Mounting

|               |   |
|---------------|---|
| Assembly note | Not for D series terminal adapters        |
|               | Not for HC-B 24-ADP-B..... adapter plates |

## Environmental and real-life conditions

### Ambient conditions

|                                 |  |
|---------------------------------|--|
| Degree of protection            | IP66 (when plugged in or with locked protective cover) |
| Enclosure rating (NEMA)         | 12 (UL 50e)  |
| Impact strength                 | IK08   |
| Ambient temperature (operation) | -40 °C ... 125 °C                                      |

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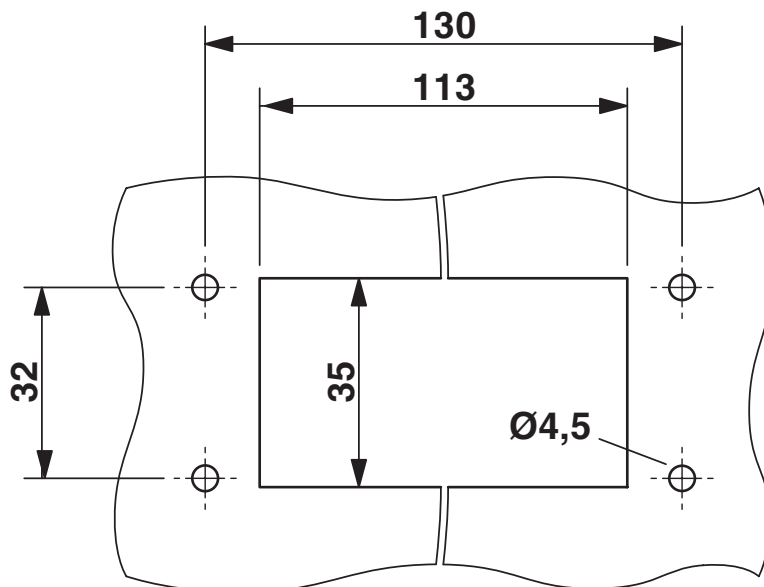
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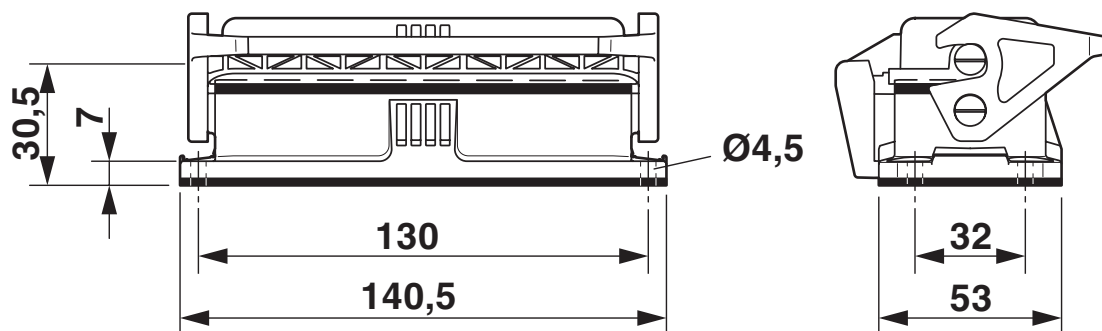
## Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1407660>

### DNV

Approval ID: TAE000037S



### EAC

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

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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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