

# HC-EVO-B16-BFDC-PLRBK - Housing



1407649

<https://www.phoenixcontact.com/us/products/1407649>

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Panel mounting base B16, for double locking latch, material: PA, 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	1407649
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 626 (C-2-2019)
GTIN	4046356777124
Weight per piece (including packing)	104.5 g
Weight per piece (excluding packing)	103.8 g
Customs tariff number	85389099
Country of origin	PL

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## Technical data

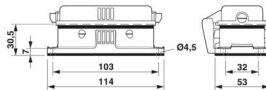
### Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K, HV06-I-PR, HV 6-E...C
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### Product properties

Product type	Housing with locking latch
Housing type	Panel mounting base
Product family	HC-EVO-B
Application	Standard
Type	B16
Protective cover	yes
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	53 mm
Height	30.5 mm
Length	114 mm
Hole diameter	4.5 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 mm

### Material specifications

Flammability rating according to UL 94	V0 (Housing)
	V0 (Protective cover)
Seal material	NBR
	NBR
Housing material	PA
Material, protective cover	PC

### Mechanical properties

#### Mechanical data

Locking type	Pin
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### Connection data

Tightening torque	0.8 Nm ... 1.2 Nm (For M4 mounting screws on the panel-mount base)
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## 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)
	IP54 (with closed protective cover)
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

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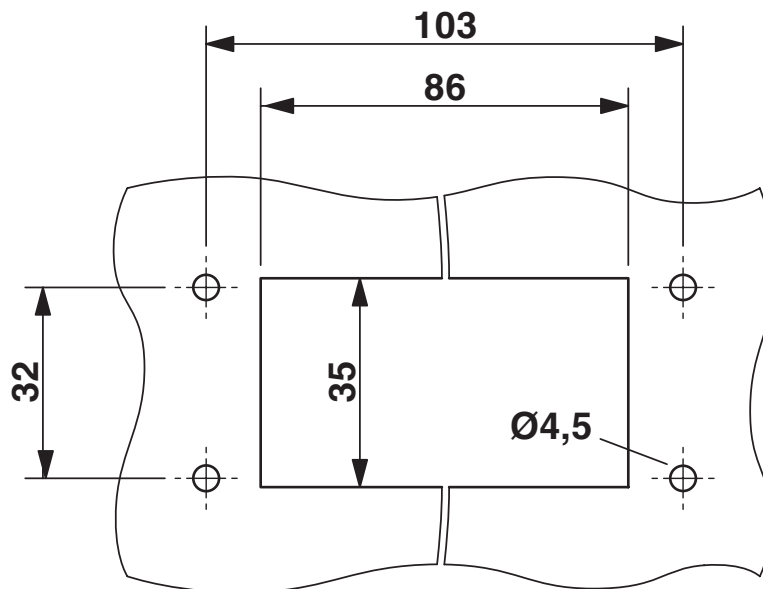
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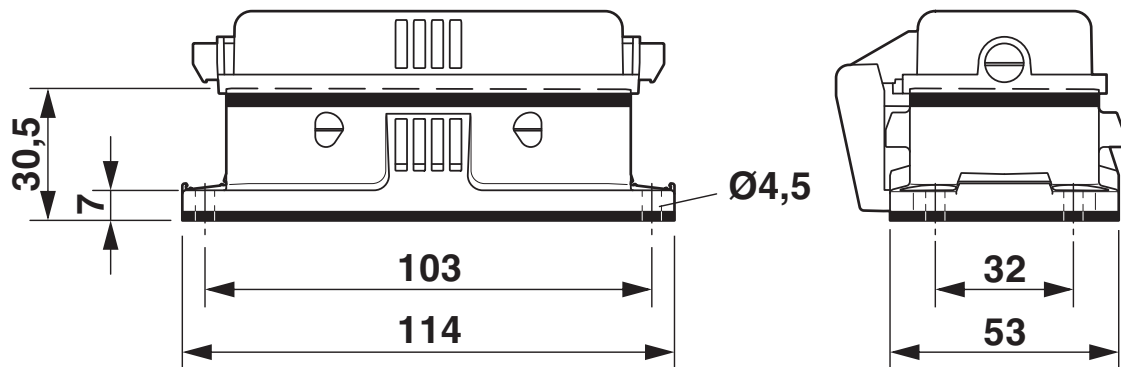
## Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing





Dimensional drawing


Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1407649>

**DNV**  
Approval ID: TAE000037S

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

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

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

**cULus Recognized**

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## Classifications

### ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

### ETIM

ETIM 9.0	EC000437
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### 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

### HC-B16-SP-RBK - Profile gasket

1407708

<https://www.phoenixcontact.com/us/products/1407708>

Profile gasket for HEAVYCON EVO supporting base element type B16



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### HC-B16-SG-RBK - Flat gasket

1407704

<https://www.phoenixcontact.com/us/products/1407704>

Replacement flat gasket, for HEAVYCON EVO panel mounting base type B16





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## HC-B16-BC-HI-PLBK - Protective cover

1407694

<https://www.phoenixcontact.com/us/products/1407694>

Protective cover B16, for single locking latch, protective cover material: PC, height: 19 mm, seal: no



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## US-EMP (20X9) - Snap-in markers

0829439

<https://www.phoenixcontact.com/us/products/0829439>

Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 20 x 9 mm, Number of individual labels: 70



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## US-EMP (20X9) CUS - Snap-in markers

0830028

<https://www.phoenixcontact.com/us/products/0830028>

Snap-in markers, can be ordered: by card, white, labeled according to customer specifications, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm, Number of individual labels: 70



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## HC-STA-B16-DC-PL - Protective cover

1421102

<https://www.phoenixcontact.com/us/products/1421102>

Protective cover, design: B16



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