

# HC-EVO-B16-HLFS-PLBK - Housing



1420931

<https://www.phoenixcontact.com/us/products/1420931>

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.



Sleeve housing B16, for single locking latch, material: PA 6.6-FR, cable outlets: 1, straight/lateral, height: 63 mm, cable gland: none, Standard

## Your advantages

- Flexible cable outlet direction, lateral or straight
- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

Item number	1420931
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	AF7APL
GTIN	4055626249308
Weight per piece (including packing)	86.9 g
Weight per piece (excluding packing)	88.9 g
Customs tariff number	85389099
Country of origin	PL

# HC-EVO-B16-HLFS-PLBK - Housing



1420931

<https://www.phoenixcontact.com/us/products/1420931>

## Technical data

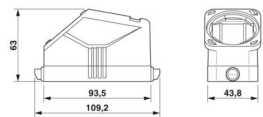
### Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K
---------	---

### Product properties

Product type	Housing with locking latch
Housing type	Sleeve housing
Product family	HC-EVO-B
Application	Standard
Type	B16
No. of cable outlets	1
Shielded	no
Cable outlet	straight
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	43.8 mm
Height	63 mm
Length	93.5 mm

### Material specifications

Flammability rating according to UL 94	V0 (Housing)
Housing material	PA 6.6-FR

### Mechanical properties

#### Mechanical data

Locking type	Pin
--------------	-----

### Mounting

Assembly note	The sleeve base housing must be supplemented with the EVO screw connection. The EVO screw connection is available in four sizes. It facilitates the creation of a straight or a side cable outlet. The EVO screw connection is mounted with the aid of, for example, a pipe wrench
---------------	--

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66
----------------------	------

# HC-EVO-B16-HLFS-PLBK - Housing



1420931

<https://www.phoenixcontact.com/us/products/1420931>

Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 125 °C

# HC-EVO-B16-HLFS-PLBK - Housing

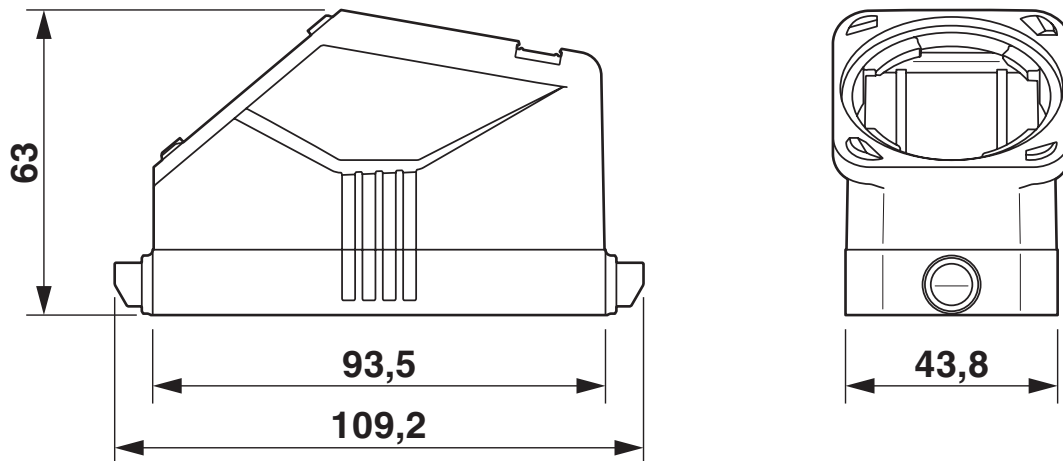
1420931

<https://www.phoenixcontact.com/us/products/1420931>



## Drawings

Dimensional drawing




Dimensional drawing

1420931

<https://www.phoenixcontact.com/us/products/1420931>

## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420931>

### **DNV**

Approval ID: TAE000037S



### **cUL Recognized**

Approval ID: E255026



### **UL Recognized**

Approval ID: E255026



### **EAC**

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

# HC-EVO-B16-HLFS-PLBK - Housing



1420931

<https://www.phoenixcontact.com/us/products/1420931>

## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

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

### UNSPSC

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

1420931

<https://www.phoenixcontact.com/us/products/1420931>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	0.775 kg CO2e
---------	---------------

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](mailto:info@phoenixcon.com)