

# HC-EVO-B24-HLFD-PLBK - Housing



1420935

<https://www.phoenixcontact.com/us/products/1420935>

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 B24, for double 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	1420935
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	AF7APL
GTIN	4055626249346
Weight per piece (including packing)	106.9 g
Weight per piece (excluding packing)	110 g
Customs tariff number	85389099
Country of origin	PL

# HC-EVO-B24-HLFD-PLBK - Housing

1420935

<https://www.phoenixcontact.com/us/products/1420935>

## Technical data

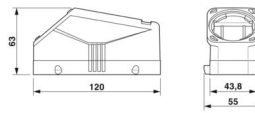
### Notes

General	for contact inserts HC-B24, BB46, D64, DD108, M, K, HV10
---------	--

### Product properties

Product type	Housing with locking latch
Housing type	Sleeve housing
Product family	HC-EVO-B
Application	Standard
Type	B24
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	120 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 4 sizes. It enables the creation of a straight or a lateral cable outlet. The EVO screw connection is assembled by hand or using a pipe wrench.
---------------	--

### Environmental and real-life conditions

#### Ambient conditions

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

# HC-EVO-B24-HLFD-PLBK - Housing



1420935

<https://www.phoenixcontact.com/us/products/1420935>

Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

# HC-EVO-B24-HLFD-PLBK - Housing

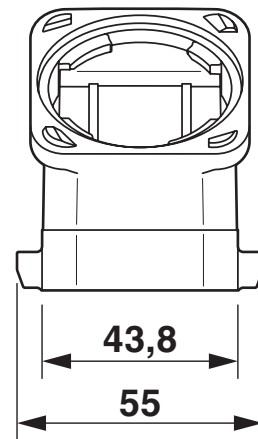
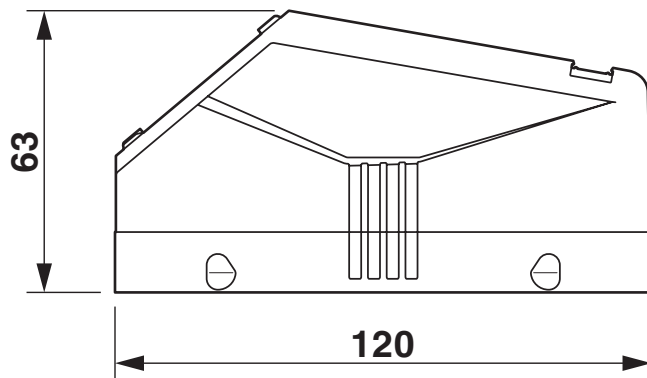
1420935

<https://www.phoenixcontact.com/us/products/1420935>



## Drawings

Dimensional drawing



Dimensional drawing

# HC-EVO-B24-HLFD-PLBK - Housing



1420935

<https://www.phoenixcontact.com/us/products/1420935>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420935>

**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-B24-HLFD-PLBK - Housing



1420935

<https://www.phoenixcontact.com/us/products/1420935>

## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

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

### UNSPSC

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

# HC-EVO-B24-HLFD-PLBK - Housing



1420935

<https://www.phoenixcontact.com/us/products/1420935>

## 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	0.91 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)