

# HC-EVO-B24-HLWD-PLBK - Housing



1420936

<https://www.phoenixcontact.com/us/products/1420936>

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, with double locking latch, material: PA, 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	1420936
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 640 (C-2-2019)
GTIN	4055626249353
Weight per piece (including packing)	138 g
Weight per piece (excluding packing)	138 g
Customs tariff number	85389099
Country of origin	PL

# HC-EVO-B24-HLWD-PLBK - Housing



1420936

<https://www.phoenixcontact.com/us/products/1420936>

## Technical data

### Notes

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

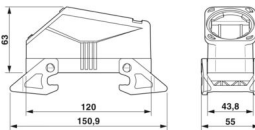
### Product properties

Product type	Housing with locking latch
Housing type	Sleeve housing
Product family	HC-EVO-B
Application	Standard
Type	B24
No. of cable outlets	1
Type	Low design
Shielded	no
Cable outlet	straight
Pg screw connection	none

### Data management status

Article revision	01
------------------	----

### Dimensions

Dimensional drawing	
Width	43.8 mm
Height	63 mm
Length	120 mm

### Material specifications

Flammability rating according to UL 94	V0 (Housing) V0 (Interlock)
Housing material	PA
Locking latch material	PA

### Mechanical properties

#### Mechanical data

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

### 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.
---------------	--

# HC-EVO-B24-HLWD-PLBK - Housing



1420936

<https://www.phoenixcontact.com/us/products/1420936>

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

# HC-EVO-B24-HLWD-PLBK - Housing

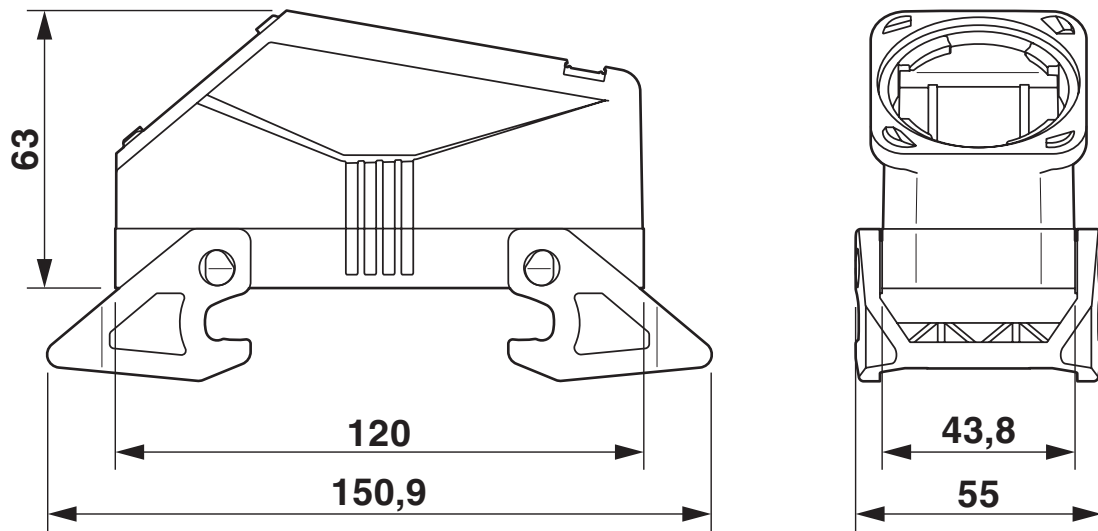
1420936

<https://www.phoenixcontact.com/us/products/1420936>



## Drawings

Dimensional drawing



Dimensional drawing

# HC-EVO-B24-HLWD-PLBK - Housing



1420936


<https://www.phoenixcontact.com/us/products/1420936>

## Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420936>




**DNV**  
Approval ID: TAE000037S




**cUL Recognized**  
Approval ID: E255026



**UL Recognized**  
Approval ID: E255026



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



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

**cULus Recognized**

# HC-EVO-B24-HLWD-PLBK - Housing



1420936

<https://www.phoenixcontact.com/us/products/1420936>

## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC000437
----------	----------

### UNSPSC

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

# HC-EVO-B24-HLWD-PLBK - Housing



1420936

<https://www.phoenixcontact.com/us/products/1420936>

## 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%

Phoenix Contact 2024 © - 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)