

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 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	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

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 6.6-FR
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. The EVO screw connection is mounted with the aid of, for example, a pipe wrench
---------------	--

HC-EVO-B24-HLWD-PLBK - Housing

1420936

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



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

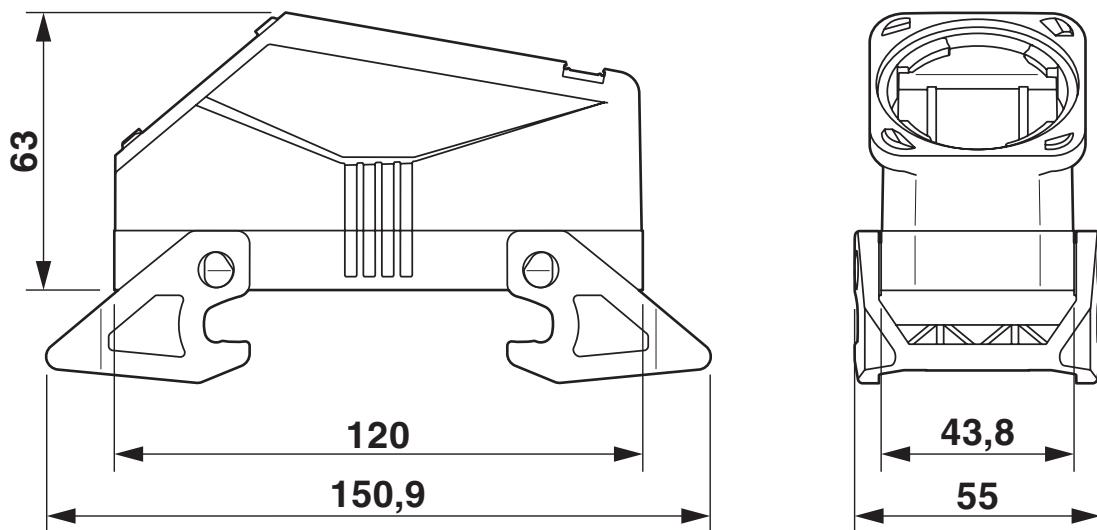
1420936

<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

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%
-------------------------------------	----------------------------

EF3.0 Climate Change

CO2e kg	1.048 kg CO2e
---------	---------------

Phoenix Contact 2025 © - 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