

# HC-EVO-B24-SHFDC-2SSM25-PLRBK - Housing



1421462

<https://www.phoenixcontact.com/us/products/1421462>

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Surface mounting housing B24, for double locking latch, material: PA 6.6-FR, protective cover material: PC, cable outlets: 2, lateral, 2x M25, height: 84 mm, cable gland: none, protective cover: yes, Standard, including 2x reducing adapter

## Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

Item number	1421462
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	AF7APL
GTIN	4055626265056
Weight per piece (including packing)	262.2 g
Weight per piece (excluding packing)	262 g
Customs tariff number	85389099
Country of origin	PL

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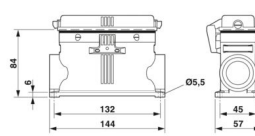
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## Technical data

### Product properties

Product type	Housing with locking latch
Housing type	Surface mounting housing
Product family	HC-EVO-B
Application	Standard
Type	B24
No. of cable outlets	2
Type of the screw connection	2x M25
Protective cover	yes
Cable outlet	lateral
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	57 mm
Height	84 mm
Length	144 mm
Hole diameter	5.5 mm

### Material specifications

Flammability rating according to UL 94	V0 (Housing)
	V0 (Protective cover)
Seal material	NBR
Housing material	PA 6.6-FR
Material, protective cover	PC

### Mechanical properties

#### Mechanical data

Type of the screw connection	2x M25
Locking type	Pin

### Connection data

Tightening torque	2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing)
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### Mounting

Assembly note	Two plastic reductions M40 to M25 are provided
	One of the two openings for the screw connections is sealed but

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can be broken open using a screwdriver.

## 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

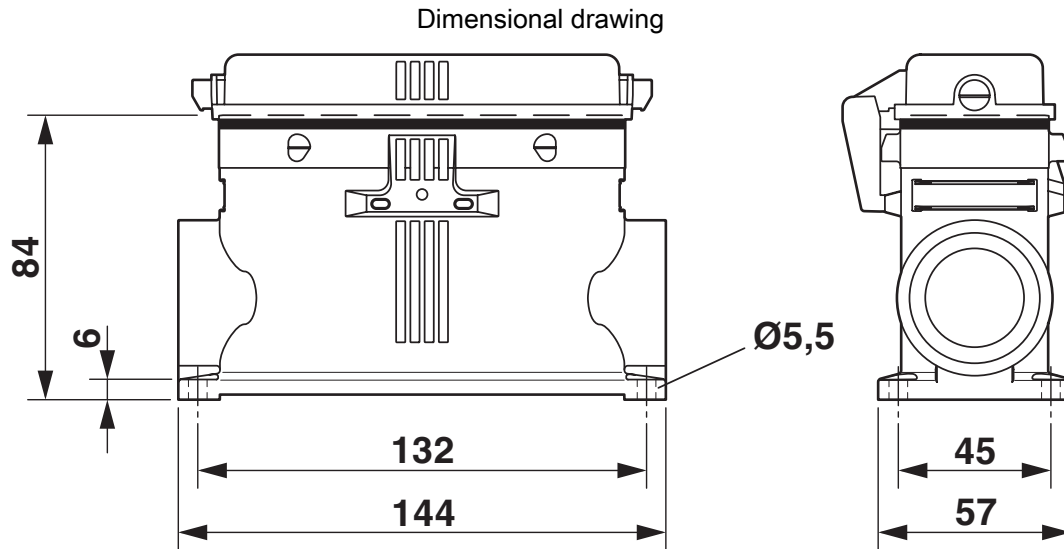
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## Drawings



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421462>

**DNV**

Approval ID: TAE000037S



**EAC**

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



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026

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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 10.0	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
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### 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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