

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



1421462

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

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Box mounting bases B24, for double locking latch, material: PA, 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	BF7APL
Catalog page	Page 640 (C-2-2019)
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

Technical data

Notes

General	For contact inserts HC-B24, BB46, D64, DD108, M, K, HV10-I-PT, HV 10-E...C
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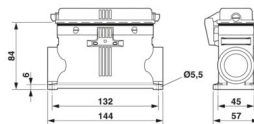
Product properties

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

Data management status

Article revision	03
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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
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 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

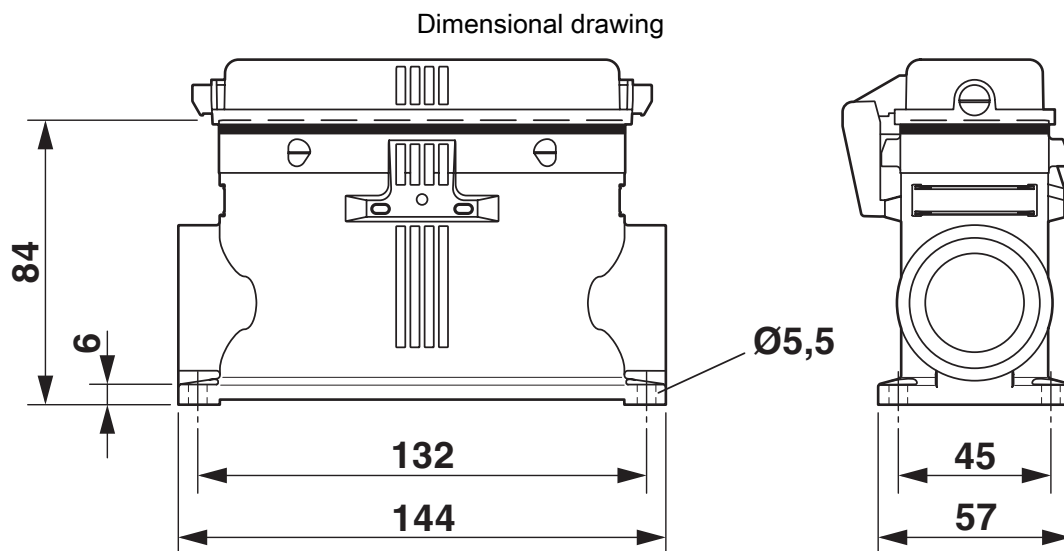
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Drawings



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



EAC

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



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026

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Classifications

ECLASS

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

ETIM

ETIM 9.0	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
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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