

1420927

<https://www.phoenixcontact.com/us/products/1420927>

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Sleeve housing B24, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x M40, height: 93.7 mm, cable gland: none, increased environmental requirements

Commercial data

Item number	1420927
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7API
Catalog page	Page 631 (C-2-2019)
GTIN	4055626249261
Weight per piece (including packing)	395.3 g
Weight per piece (excluding packing)	395.3 g
Customs tariff number	85389099
Country of origin	CN

## Technical data

### Notes

General	for contact inserts HC-B24, BB46, D64, DD108, HV10/16, M
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### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	increased environmental requirements
Type	B24
No. of cable outlets	1
Type of the screw connection	1x M40
Type	Tall design
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	no
Cable outlet	straight
Pg screw connection	none

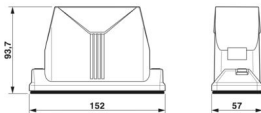
### Data management status

Article revision	01
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### Connection data

Tightening torque	3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing)
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### Dimensions

Dimensional drawing	
Width	57 mm
Height	93.7 mm
Length	152 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	112 mm

### Material specifications

Seal material	Viton
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)
	IP69 (ISO 20653:2013-02)
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

## Mechanical properties

### Mechanical data

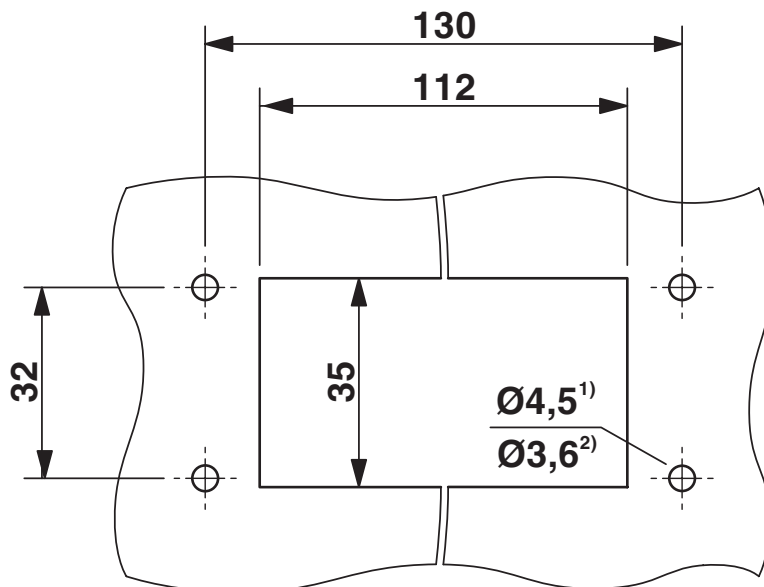
Type of the screw connection	1x M40
Locking type	Screw

## Mounting

Assembly note	In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.
	Tightening torque of locking screw 3 Nm.
Fixing screws	M6 (screw head: 5 mm Allen screw)

## Drawings

Dimensional drawing

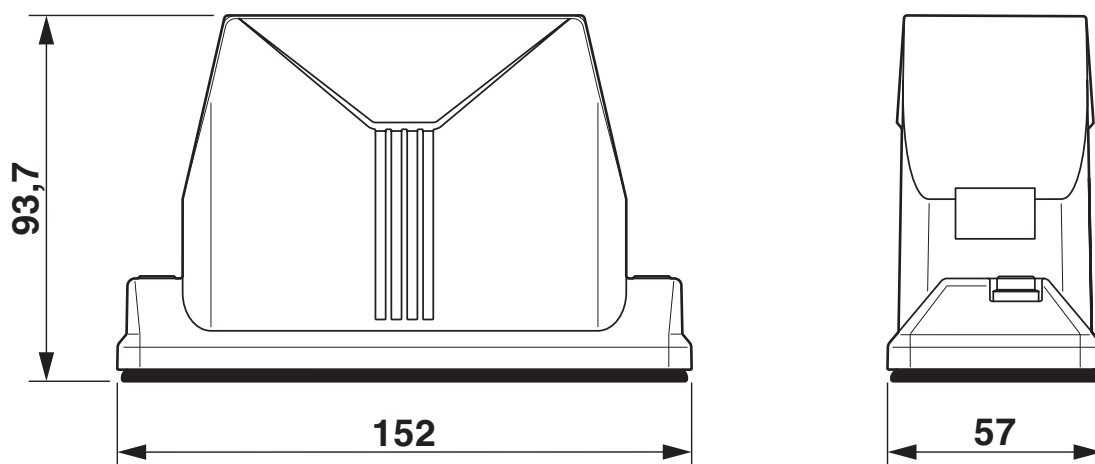


Mounting cutout

1) when M4 screws are used

2) when self-tapping Torx® screws are used (Torx® 20, M4)

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420927>



**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**

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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
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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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