HC-ADV-B24-HHWH-1TTM40-MF-BK - Housing

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	AF7API
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

Notes on the product family	for contact inserts HC-B24, BB46, D64, DD108, HV10/16, M
Note on application	compatible with module carrier frames with click-in function

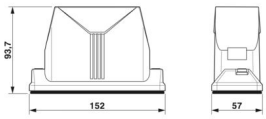
Product properties

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
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	no
Cable outlet	straight
Pg screw connection	none

Connection data

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

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

Material grommet GRP	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

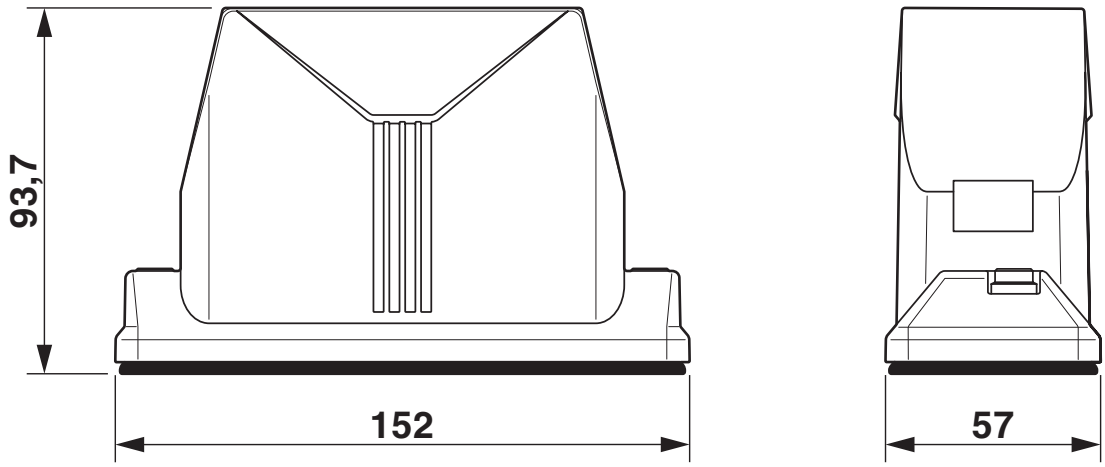
Type of the screw connection	1x M40
Locking type	Screw

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)

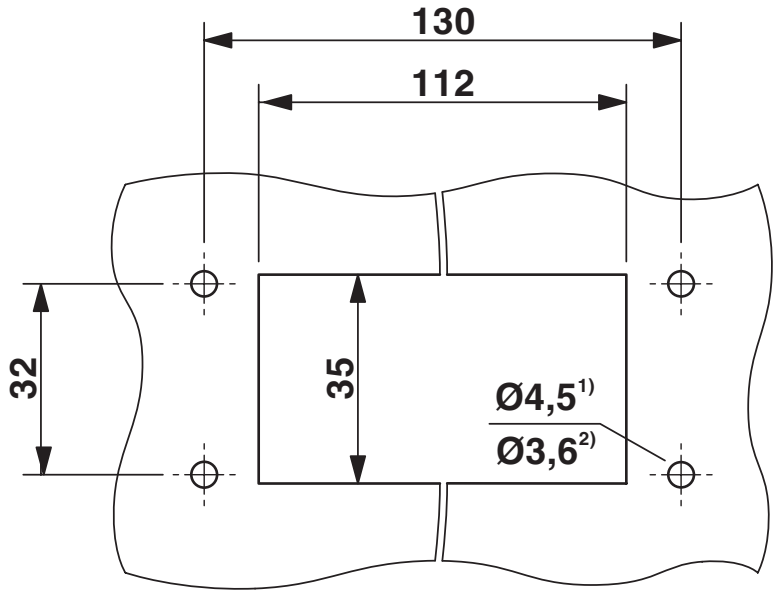
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



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

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

Classifications

ECLASS

ECLASS-15.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 10.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

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%

EF3.1 Climate Change

CO2e kg	10.685 kg CO2e

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