HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

Sleeve housing B24, with screw locking, material: Die-cast aluminum, salt water resistant, variable, height: 74 mm, cable gland: none, Offshore/EMC, Without thread opening for screw connection, conductive seal (EMC properties)

Commercial data

Item number	1420055
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7APH
Catalog page	Page 631 (C-2-2019)
GTIN	4055626201504
Weight per piece (including packing)	332.4 g
Weight per piece (excluding packing)	320 g
Customs tariff number	85389099
Country of origin	CN

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

Technical data

Notes

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

Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	Offshore/EMC
Type	B24
Type	Low design
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	yes
Cable outlet	variable
Pg screw connection	none

Data management status

Article revision	01

Connection data

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

Dimensions
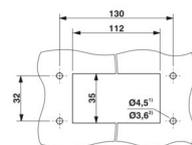
Dimensional drawing	
Width	57 mm
Height	74 mm
Length	152 mm

Installation dimensions

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

Material specifications

Seal material	NBR, conductive
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	uncoated
Locking latch material	Stainless steel

Environmental and real-life conditions

1420055

https://www.phoenixcontact.com/us/products/1420055

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

Locking type	Screw

Mounting

| Thread type	()
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.
Fixing screws	M6 (screw head: 5 mm Allen screw)

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

Drawings

Dimensional drawing

74

152

57
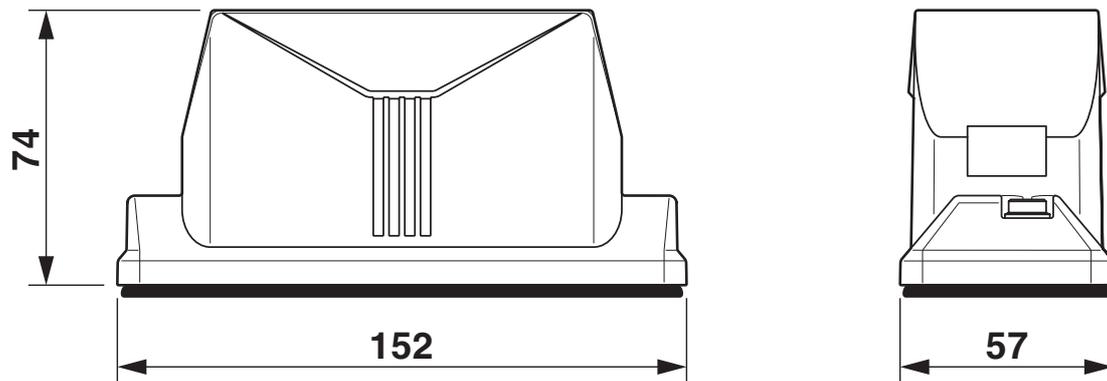
Dimensional drawing

Dimensional drawing

130

112

32

35

Ø4,5[1]

Ø3,6[2]
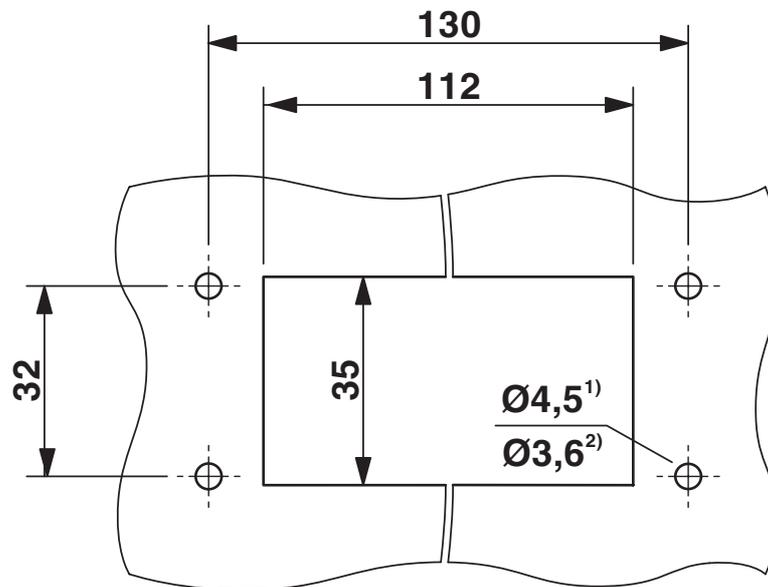
Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1420055

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

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

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-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

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%

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

Accessories

HC-B-AF - Panel-mount flange

1686533

https://www.phoenixcontact.com/us/products/1686533

Panel-mount flange for HEAVYCON ADVANCE housing

HC-B-AF-SET - Panel-mount flange

1604638

https://www.phoenixcontact.com/us/products/1604638

Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of: 2 panel-mount flanges with 4 self-tapping screws (M4, Torx®) and 4 fan-type washers

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

HC-B 24-TMS-SD-IP50 - Protective cover

1690765

https://www.phoenixcontact.com/us/products/1690765

Protective cover B24, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

US-EMLP-HA (20X9) - Plastic label

0830989

https://www.phoenixcontact.com/us/products/0830989

Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

US-EMLP-HA (20X9) CUS - Plastic label

0830995

https://www.phoenixcontact.com/us/products/0830995

Plastic label, Card, can be ordered: by card, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

SF-BIT-HEXB 5-89 - Screw insert

1208911

https://www.phoenixcontact.com/us/products/1208911

Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173

HC-ADV-B24-HLWH-BLANK-ELC-AL - Housing

1420055

https://www.phoenixcontact.com/us/products/1420055

SF-M BH - Screwdriver

1212070

https://www.phoenixcontact.com/us/products/1212070

Bit screwdriver, with 1/4" quick-action chuck, handle length 119 mm, 2-component handle, with non-slip grip, suitable for bits according to DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic