

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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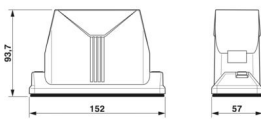
Product properties

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

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

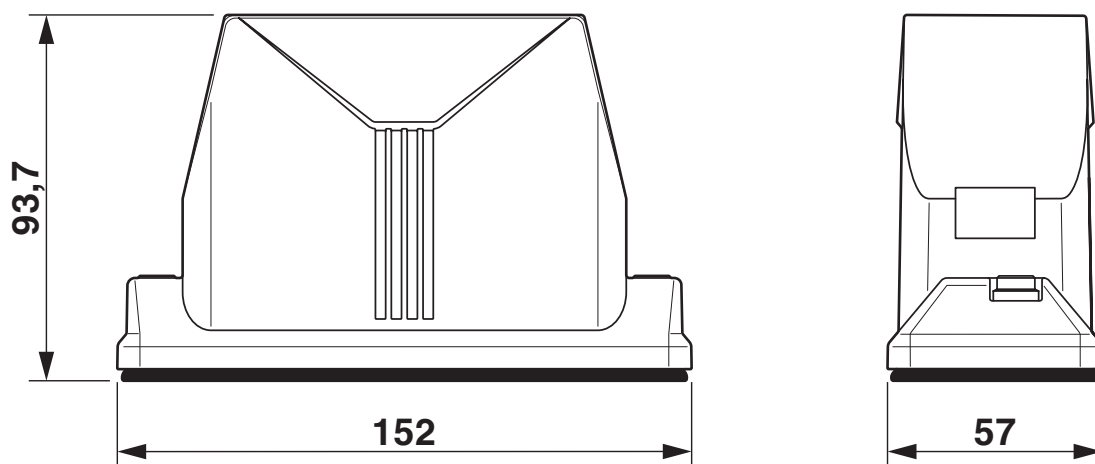
Type of the screw connection	1x M40
Locking type	Screw

Mounting

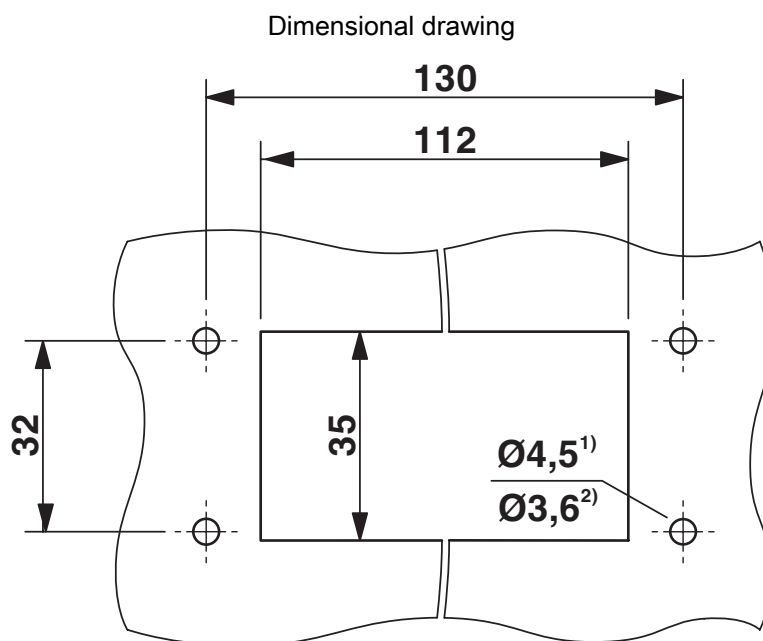
Assembly note	In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.
	Tightening torque of locking screw 3 Nm.
Fixing screws	M6 (screw head: 5 mm Allen screw)

Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

1) when M4 screws are used

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

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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

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%

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

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Accessories

HC-B-AF - Panel-mount flange

1686533

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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

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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

HC-M-KV-M40(27-34) - Cable gland

1607729

<https://www.phoenixcontact.com/us/products/1607729>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 27 ... 34 mm, WAF 50, screw connection: M40

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

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G-INSEC-M40-M68N-NCRS-S - Cable gland

1411192

<https://www.phoenixcontact.com/us/products/1411192>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 19 mm ... 27 mm, shielding: yes, connecting thread: M40 x 1.5, color: silver, with O-ring

G-INS-M40-M68N-NNES-S - Cable gland

1411167

<https://www.phoenixcontact.com/us/products/1411167>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver, with O-ring

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



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

0830989

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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

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

0830995

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



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

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WP-G HF IP66 M40 BK - Screw connection

3240901

<https://www.phoenixcontact.com/us/products/3240901>

Cable gland, metric thread, IP66 protection, straight



WP-G HF IP69K M40 BK - Screw connection

3240887

<https://www.phoenixcontact.com/us/products/3240887>

Cable gland, metric thread, IP68/69k protection, straight



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WP-GA HF IP66 M40 BK - Screw connection

3240929

<https://www.phoenixcontact.com/us/products/3240929>

Cable gland, metric thread, IP66 protection, angled



WP-GA HF IP69K M40 BK - Screw connection

3240915

<https://www.phoenixcontact.com/us/products/3240915>

Cable gland, metric thread, IP68/69k protection, angled



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

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WP-GR HF IP66 M40 BK - Screw connection

3240957

<https://www.phoenixcontact.com/us/products/3240957>



Cable gland, metric thread, IP66 protection, with strain relief

WP-GR HF IP69K M40 BK - Screw connection

3240943

<https://www.phoenixcontact.com/us/products/3240943>



Cable gland, metric thread, IP68/69k protection, with strain relief

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



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WP-G PP HF M40 - Screw connection

3241001

<https://www.phoenixcontact.com/us/products/3241001>

Cable gland made from PP with metric thread, IP65 protection



WP-GT PP HF M40 - Screw connection

3241015

<https://www.phoenixcontact.com/us/products/3241015>

Cable gland made from PP with metric thread, rotatable, IP54 protection



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



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WP-G BRASS IP40 M40 - Screw connection

3241050

<https://www.phoenixcontact.com/us/products/3241050>

Cable gland made from brass with metric thread, IP40 protection



WP-GT BRASS M40 - Screw connection

3241036

<https://www.phoenixcontact.com/us/products/3241036>

Cable gland made from brass with metric thread, rotatable, IP40 protection



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



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WP-G BRASS IP65 M40 - Screw connection

3241064

<https://www.phoenixcontact.com/us/products/3241064>



Cable gland made from brass with metric thread, IP65 protection

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-HHWH-1TTM40-MF-BK - Housing

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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

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