

HC-EVO-B10-SHWSC-2SSM25-PLRBK - Housing



1421301

<https://www.phoenixcontact.com/us/products/1421301>

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Box mounting bases B10, with single locking latch, material: PA, protective cover material: PC, cable outlets: 2, lateral, 2x M25, height: 74 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	1421301
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 604 (C-2-2019)
GTIN	4055626264813
Weight per piece (including packing)	195.3 g
Weight per piece (excluding packing)	194 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

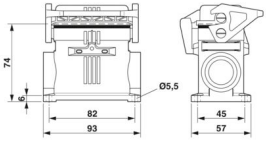
Notes

General	For contact inserts HC-B10, BB18, DD42, M, K8/24, HV03-I-PT, HC- 3-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	B10
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

Dimensions

Dimensional drawing	
Width	57 mm
Height	74 mm
Length	93 mm
Hole diameter	5.5 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing)
	V0 (Interlock)
	V0 (Protective cover)
Seal material	NBR
Housing material	PA
Material, protective cover	PC
Locking latch material	PA

Mechanical properties

Mechanical data	
Type of the screw connection	2x M25
Locking type	Latch

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Connection data

Tightening torque	2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing)
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Mounting

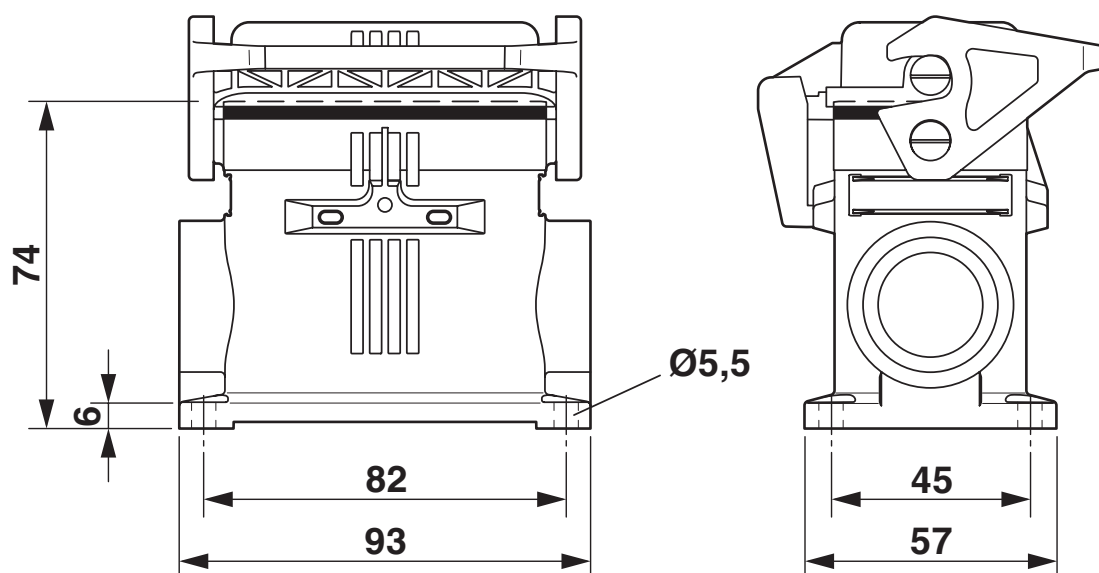
Assembly note	Two plastic reductions M32 to M25 are provided
	One of the two openings for the screw connections is sealed but can be broken open using a screwdriver.

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP66 (when plugged in or with locked protective cover)
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 125 °C

Drawings

Dimensional drawing





Dimensional drawing


Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421301>

**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

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%

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Accessories

G-INS-M25-M68N-PNES-BK - Cable gland

1411134

<https://www.phoenixcontact.com/us/products/1411134>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

A-INSP-M25-65N-P-BK - Screw plug

1415207

<https://www.phoenixcontact.com/us/products/1415207>



Screw plug, material for screw connection: PA, connecting thread: M25 x 1.5, color: jet black RAL 9005, with O-ring

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HC-B10-BC-HI-PLBK - Protective cover

1407693

<https://www.phoenixcontact.com/us/products/1407693>

Protective cover B10, for single locking latch, protective cover material: PC, height: 19.1 mm, seal: no



HC-B10-SP-RBK - Profile gasket

1407707

<https://www.phoenixcontact.com/us/products/1407707>

Profile gasket for HEAVYCON EVO supporting base element type B10



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HC-B10-SL-PLBK - Housing brackets

1407698

<https://www.phoenixcontact.com/us/products/1407698>



Replacement single locking latch for HEAVYCON EVO housing type B10, PA

US-EMP (20X9) - Snap-in markers

0829439

<https://www.phoenixcontact.com/us/products/0829439>



Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 20 x 9 mm, Number of individual labels: 70

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US-EMP (20X9) CUS - Snap-in markers

0830028

<https://www.phoenixcontact.com/us/products/0830028>

Snap-in markers, can be ordered: by card, white, labeled according to customer specifications, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm, Number of individual labels: 70



HC-STA-B10-DC-PL - Protective cover

1421101

<https://www.phoenixcontact.com/us/products/1421101>

Protective cover, design: B10



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