

HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing



1421355

<https://www.phoenixcontact.com/us/products/1421355>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Box mounting bases B10, with single locking latch, material: PA, protective cover material: PC, cable outlets: 2, lateral, 2x M20, height: 74 mm, cable gland: none, protective cover: yes, Standard, including 2x reducing adapter

Product description

One screw connection opening is closed, however it can be opened using a screwdriver. Incl. two plastic reductions M32 to M20

Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1421355 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF57 |
| Product key | BF7APL |
| Catalog page | Page 604 (C-2-2019) |
| GTIN | 4055626264875 |
| Weight per piece (including packing) | 199.9 g |
| Weight per piece (excluding packing) | 199 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing



1421355

<https://www.phoenixcontact.com/us/products/1421355>

Technical data

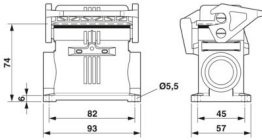
Notes

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

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 M20 |
| 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 M20 |
| Locking type | Latch |

HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing



1421355

<https://www.phoenixcontact.com/us/products/1421355>

Connection data

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

Mounting

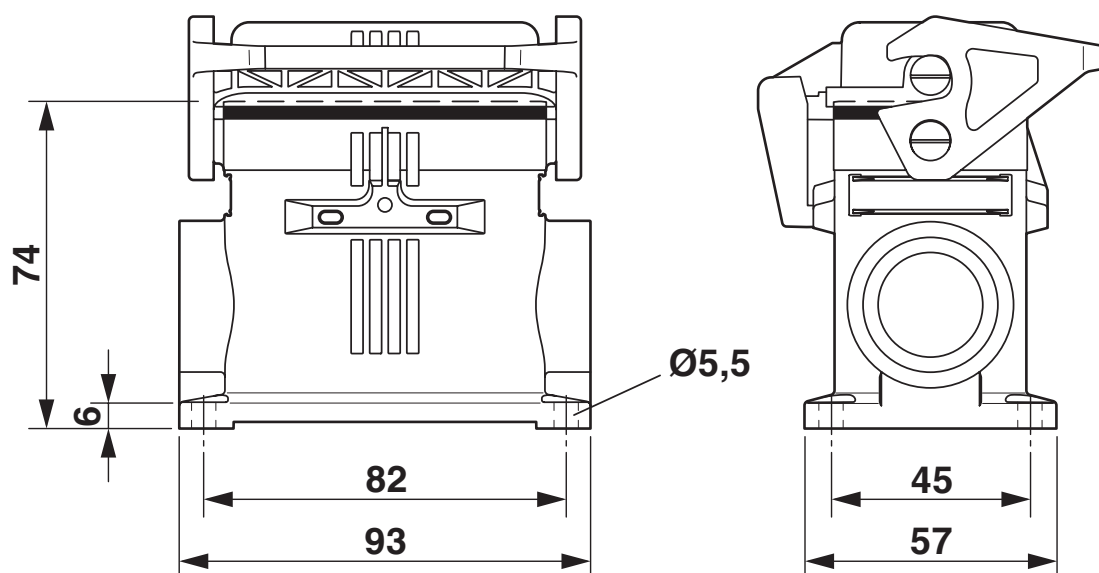
| | |
|---------------|---|
| Assembly note | Two plastic reductions M32 to M20 are provided |
| | One of the two openings for the screw connections is sealed but can be broken open using a screwdriver. |

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/1421355>

**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 |
|----------|----------|

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% |

HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing



1421355

<https://www.phoenixcontact.com/us/products/1421355>

Accessories

G-INS-M20-S68N-PNES-BK - Cable gland

1411133

<https://www.phoenixcontact.com/us/products/1411133>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: jet black RAL 9005

A-INSP-M20-65N-P-BK - Screw plug

1415206

<https://www.phoenixcontact.com/us/products/1415206>



Screw plug, material for screw connection: PA, connecting thread: M20 x 1.5, color: jet black RAL 9005, with O-ring

HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing



1421355

<https://www.phoenixcontact.com/us/products/1421355>

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

HC-B10-SP-RBK - Profile gasket

1407707

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



Profile gasket for HEAVYCON EVO supporting base element type B10

HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing

1421355

<https://www.phoenixcontact.com/us/products/1421355>



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



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



HC-EVO-B10-SHWSC-2SSM20-PLRBK - Housing

1421355

<https://www.phoenixcontact.com/us/products/1421355>



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



Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com