## HC-STA-B16-SLFDC-2SSP21-ELC-AL - Housing

1412853

https://www.phoenixcontact.com/us/products/1412853

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Box mounting bases B16, for double locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, cable outlets: 2, lateral, 2x Pg21, height: 68 mm, cable gland: none, protective cover: yes, Standard

## Your advantages

- Good shielding in the event of electromagnetic interference

## Commercial data

| | |
|---|---|
| Item number | 1412853 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | BF7APB |
| Catalog page | Page 627 (C-2-2019) |
| GTIN | 4055626060743 |
| Weight per piece (including packing) | 315.3 g |
| Weight per piece (excluding packing) | 315.3 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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## Technical data

### Notes

| | |
|---|---|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K |
| General | also available as a powder-coated or color version: 1372639 HC-STA-B16-SLFDC-2SSP21-EL/.../... |

### Product properties

| | |
|---|---|
| Product type | Housing with locking latch |
| Housing type | Box mounting bases |
| Application | Standard |
| Type | B16 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x Pg21 |
| Type | Low design |
| Protective cover | yes |
| Cable outlet | lateral |
| Pg screw connection | none |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 57 mm |
| Height | 68 mm |
| Length | 117.5 mm |
| Hole diameter | 5.5 mm |

### Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 (Protective cover) |
| Seal material | NBR, conductive |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Material, protective cover | PC |

### Mechanical properties

Mechanical data

| | |
|---|---|
| Type of the screw connection | 2x Pg21 |
| Locking type | Pin |

### Connection data

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

## Mounting

| | |
|---|---|
| Assembly note | One opening is sealed with a plastic filler plug and can be opened using a screwdriver. |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 (when plugged in) |
| | IP67 (when plugged in) |
| | IP54 (with closed protective cover) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

# HC-STA-B16-SLFDC-2SSP21-ELC-AL - Housing
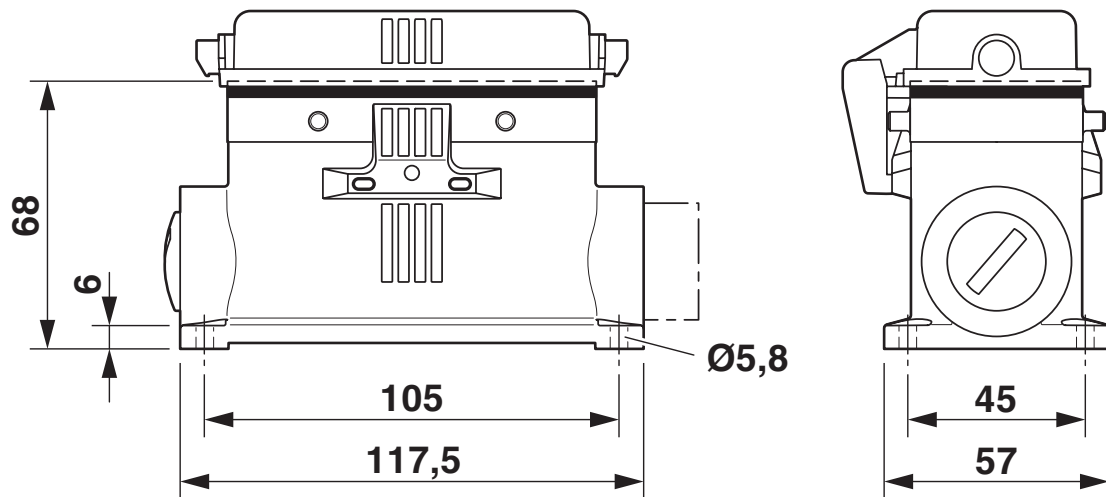
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## Drawings

Dimensional drawing

Dimensional drawing

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## Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1412853

**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**

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## 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% |

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## Accessories

### G-INS-PG21-M68N-NNES-S - Cable gland

1411175

https://www.phoenixcontact.com/us/products/1411175

Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 13 mm ... 18 mm, shielding: no, connecting thread: Pg21, color: silver, with O-ring

### G-INSEC-PG21-M68N-NNES-S - Cable gland

1411200

https://www.phoenixcontact.com/us/products/1411200

Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 13 mm ... 18 mm, shielding: yes, connecting thread: Pg21, color: silver, with O-ring

# HC-STA-B16-SLFDC-2SSP21-ELC-AL - Housing

## HC-B16-SP-CBK - Profile gasket

Profile gasket for HEAVYCON EVO supporting base element type B16, conductive

## HC-B16-BC-HI-PLBK - Protective cover

Protective cover B16, for single locking latch, protective cover material: PC, height: 19 mm, seal: no

# HC-STA-B16-SLFDC-2SSP21-ELC-AL - Housing

## HC-STA-B16-DC-PL - Protective cover

1421102

https://www.phoenixcontact.com/us/products/1421102

Protective cover, design: B16

## WP-G HF IP66 PG21 BK - Screw connection

3240892

https://www.phoenixcontact.com/us/products/3240892

Cable gland, Pg thread, IP66 protection, straight

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## WP-G HF IP69K PG21 BK - Screw connection

3240878

https://www.phoenixcontact.com/us/products/3240878

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

## WP-GA HF IP66 PG21 BK - Screw connection

3240920

https://www.phoenixcontact.com/us/products/3240920

Cable gland, Pg thread, IP66 protection, angled

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## WP-GR HF IP66 PG21 BK - Screw connection

3240948

https://www.phoenixcontact.com/us/products/3240948

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

## WP-GR HF IP69K PG21 BK - Screw connection

3240934

https://www.phoenixcontact.com/us/products/3240934

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

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## WP-G PP HF PG21 - Screw connection

3240992

https://www.phoenixcontact.com/us/products/3240992

Cable gland made from PP with Pg thread, IP65 protection

## WP-GT PP HF PG21 - Screw connection

3241006

https://www.phoenixcontact.com/us/products/3241006

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

# HC-STA-B16-SLFDC-2SSP21-ELC-AL - Housing

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https://www.phoenixcontact.com/us/products/1412853

## WP-G BRASS IP40 PG21 - Screw connection

3241041

https://www.phoenixcontact.com/us/products/3241041

Cable gland made from brass with Pg thread, IP40 protection

## WP-GT BRASS PG21 - Screw connection

3241027

https://www.phoenixcontact.com/us/products/3241027

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

# HC-STA-B16-SLFDC-2SSP21-ELC-AL - Housing

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## WP-G BRASS IP65 PG21 - Screw connection

3241055

https://www.phoenixcontact.com/us/products/3241055

Cable gland made from brass with Pg thread, IP65 protection

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