# HC-B 16-TMS-100/O1STM40S-EEE - Housing

1460358

https://www.phoenixcontact.com/us/products/1460358

HEAVYCON ADVANCE sleeve housing B16, with high-grade steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1 x M40 lateral cable outlet, without surface; conductive seal (EMC properties)

## Commercial data

| | |
|---|---|
| Item number | 1460358 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Product key | BF7AAA |
| Catalog page | Page 507 (C-4-2013) |
| GTIN | 4046356592796 |
| Weight per piece (including packing) | 384.55 g |
| Weight per piece (excluding packing) | 384.55 g |
| Country of origin | DE |

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## Technical data

### Notes

| | |
|---|---|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K |
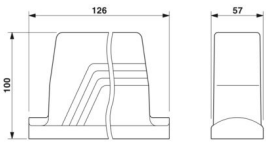
### Product properties

| | |
|---|---|
| Product type | Housing with screw locking |
| Housing type | Sleeve housing |
| Application | Offshore/EMC |
| Type | B16 |
| No. of cable outlets | 1 |
| Type of the screw connection | 1x M40 |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| Shielded | yes |
| Cable outlet | lateral |
| Pg screw connection | none |

### Connection data

| | |
|---|---|
| Tightening torque | 3 Nm (Locking screw) |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 57 mm |
| Height | 100 mm |
| Length | 126 mm |

#### Installation dimensions

| | |
|---|---|
| Width of the assembly cutout | 35 mm |
| Length of the assembly cutout | 86 mm |

### Material specifications

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

### Environmental and real-life conditions

#### Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 |
| | IP68 (0.2 bar/24 h) |

| | IP69K |
|---|---|
| Enclosure rating (NEMA) | 4 (NEMA 250) |
| | 4X (NEMA 250) |
| | 6P (NEMA 250) |
| | 12 (NEMA 250) |
| Ambient temperature (operation) | -40 °C ... 125 °C |

## Mechanical properties

### Mechanical data

| Type of the screw connection | 1x M40 |
|---|---|
| Locking type | Screw |

## Mounting

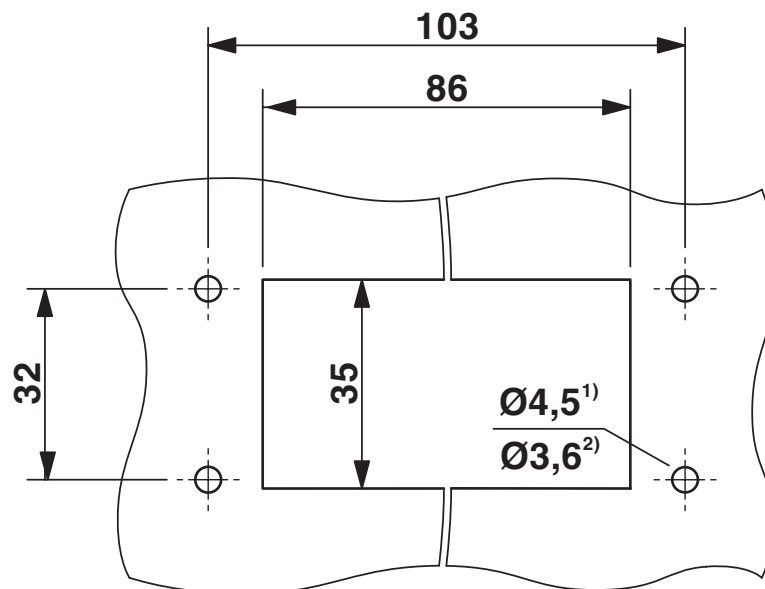| Assembly note | In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel. |
|---|---|
| | To ensure optimum shielding, any insulating power coating must be removed from the profile gasket area on the control cabinet panel. Tightening torque of locking screw: 3 Nm. |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |

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## Drawings

Dimensional drawing

126

100

57
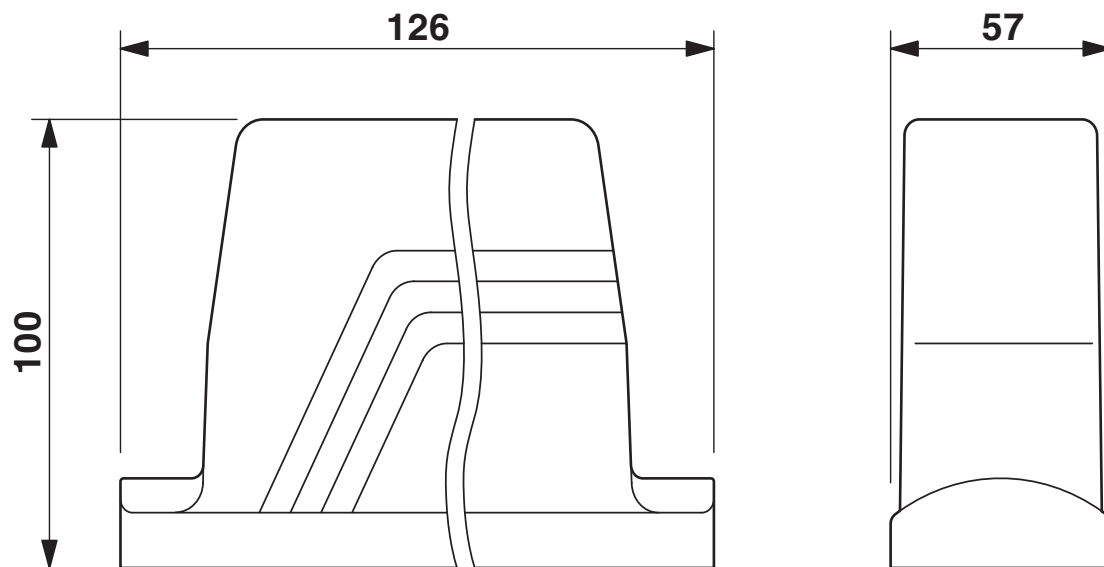
Dimensional drawing

Dimensional drawing

103

86

32

35

$\varnothing4{,}5^{1)}$

$\varnothing3{,}6^{2)}$

Panel cutout
[2] when self-tapping screws are used (Torx® 20, M4)

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## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27440202 |
| ECLASS-13.0 | 27440202 |

## Environmental product compliance

### EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

### EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

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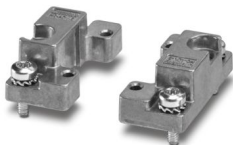
Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of:
2 panel-mount flanges with 4 self-tapping screws (M4, Torx®) and 4 fan-type washers

# HC-B 16-TMS-100/O1STM40S-EEE - Housing

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## HC-B 16-TMS-SD-IP50 - Protective cover

1690752

https://www.phoenixcontact.com/us/products/1690752

Protective cover B16, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

## HC-B 16-TMS-SD-IP65 - Protective cover

1690794

https://www.phoenixcontact.com/us/products/1690794

HEAVYCON ADVANCE IP65 protective cover B16, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

# HC-B 16-TMS-100/O1STM40S-EEE - Housing

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## G-INS-M40-M68N-PNES-GY - Cable gland

1411128

https://www.phoenixcontact.com/us/products/1411128

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver-grey RAL 7001

## G-INS-M40-M68N-PNES-BK - Cable gland

1411137

https://www.phoenixcontact.com/us/products/1411137

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: jet black RAL 9005

# HC-B 16-TMS-100/O1STM40S-EEE - Housing

1460358

https://www.phoenixcontact.com/us/products/1460358

## 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-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-B 16-TMS-100/O1STM40S-EEE - Housing

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https://www.phoenixcontact.com/us/products/1460358

## 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

## HC-M-KV-Z-M40 - Cable gland

1646175

https://www.phoenixcontact.com/us/products/1646175

Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 24 - 33 mm, clamping area: 26 - 36 mm, SW 50, screw connection: M40

# HC-B 16-TMS-100/O1STM40S-EEE - Housing

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## REDUC-M-KV-M40/M32 - Reducing adapter

1647640

https://www.phoenixcontact.com/us/products/1647640

Reducing adapter, connecting thread: M40 x 1.5, color: silver, with O-ring

## HC-M-BS-M40 - Screw plug

1645875

https://www.phoenixcontact.com/us/products/1645875

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M40 x 1.5, color: silver

# HC-B 16-TMS-100/O1STM40S-EEE - Housing

1460358

https://www.phoenixcontact.com/us/products/1460358

## HC-B 16-TMS-EEE-PR-DI - Profile gasket

1409817

https://www.phoenixcontact.com/us/products/1409817

Profile gasket for sleeve housing type B16.....EEE

## 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

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https://www.phoenixcontact.com/us/products/1460358

## 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