

# HC-B 16-TMB-100/O1STM32S-EUA - Housing



1604434

<https://www.phoenixcontact.com/in/products/1604434>

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HEAVYCON ADVANCE for increased environmental requirements, sleeve housing B16, with bayonet locking, height 100 mm, with 1xM32 thread, lateral cable outlet

## Commercial data

|                                      |                    |
|--------------------------------------|--------------------|
| Item number                          | 1604434            |
| Packing unit                         | 10 pc              |
| Minimum order quantity               | 10 pc              |
| Sales key                            | BF7                |
| Product key                          | AF7AAA             |
| Catalog page                         | Page 567 (PC-2011) |
| GTIN                                 | 4017918948115      |
| Weight per piece (including packing) | 397.233 g          |
| Weight per piece (excluding packing) | 351 g              |
| Customs tariff number                | 85389099           |
| Country of origin                    | DE                 |

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## Technical data

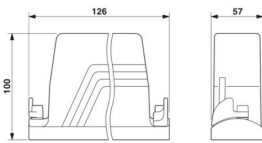
### Notes

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

### Product properties

|                              |                                      |
|------------------------------|--------------------------------------|
| Product type                 | Housing with bayonet locking         |
| Housing type                 | Sleeve housing                       |
| Application                  | increased environmental requirements |
| Type                         | B16                                  |
| No. of cable outlets         | 1                                    |
| Type of the screw connection | 1x M32                               |
| Shielded                     | no                                   |
| Cable outlet                 | lateral                              |
| Pg screw connection          | none                                 |

### 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            | Viton                                   |
| Housing material         | Die-cast aluminum, salt water resistant |
| Housing surface material | Powder-coated, black                    |
| Locking latch material   | High-grade steel, handle: PA-GF         |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP65              |
|                                 | IP67              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

### Mechanical properties

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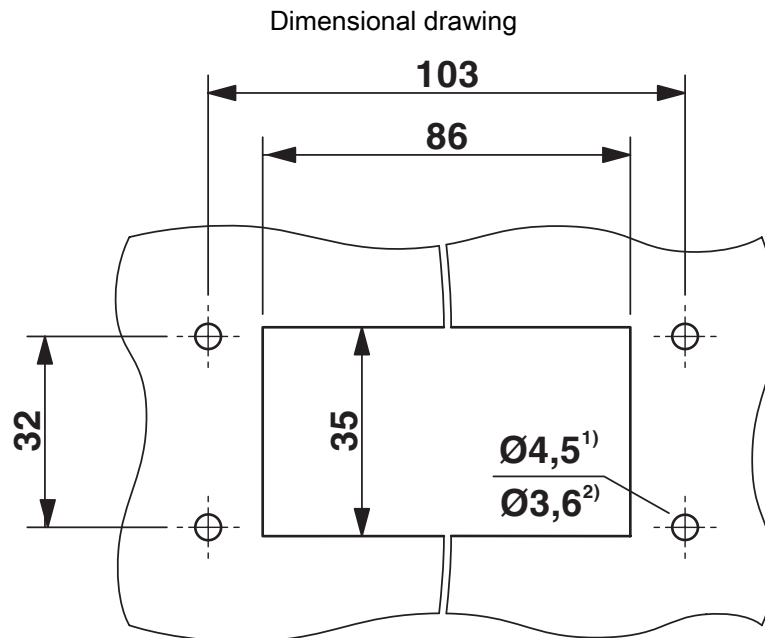
## Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 1x M32 |
| 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. |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

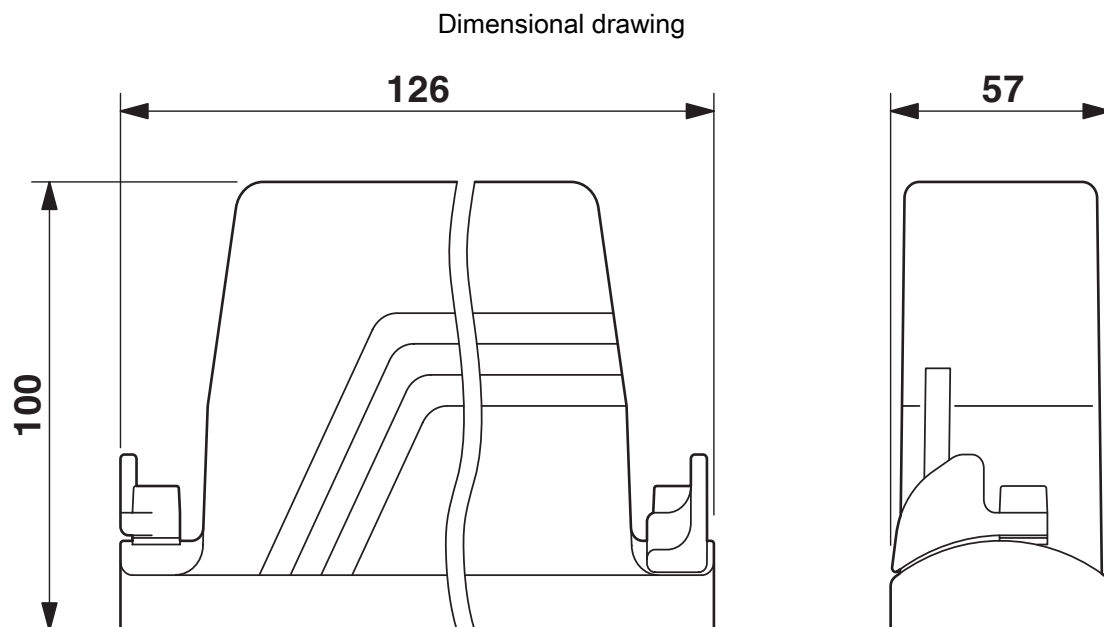
## Drawings



Mounting cutout

1) when M4 screws are used

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



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1604434>



**EAC**

Approval ID: RU C-DE.AI30.B.01102

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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

### HC-B-BF - Panel-mount flange

1604641

<https://www.phoenixcontact.com/in/products/1604641>



Panel mounting flange for HEAVYCON ADVANCE TMB housing with bayonet locking

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### HC-B-BF-SET - Panel-mount flange

1604654

<https://www.phoenixcontact.com/in/products/1604654>



Bayonet mounting flange set, consisting of 2 mounting flanges with 4 self-tapping Torx® head screws and 4 fan-type spacers

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## HC-B 16-TMS-SD-IP66 - Protective cover

1411517

<https://www.phoenixcontact.com/in/products/1411517>



HEAVYCON ADVANCE, IP66, B16 protective cover, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm

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## G-INS-M32-M68N-PNES-GY - Cable gland

1411127

<https://www.phoenixcontact.com/in/products/1411127>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver-gray RAL 7001

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## G-INS-M32-M68N-PNES-BK - Cable gland

1411136

<https://www.phoenixcontact.com/in/products/1411136>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: jet black RAL 9005

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## G-INS-M32-M68N-NNES-S - Cable gland

1411166

<https://www.phoenixcontact.com/in/products/1411166>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

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## HC-M-KV-M32(19-27) - Cable gland

1646010

<https://www.phoenixcontact.com/in/products/1646010>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 19 - 27 mm, WAF 43, screw connection: M32

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## G-INSEC-M32-M68N-NCRS-S - Cable gland

1411191

<https://www.phoenixcontact.com/in/products/1411191>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 14 mm ... 21 mm, shielding: yes, connecting thread: M32 x 1.5, color: silver, with O-ring

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## HC-M-KV-Z-M32 - Cable gland

1646162

<https://www.phoenixcontact.com/in/products/1646162>

Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 19 - 30 mm, SW 40, screw connection: M32



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## HC-M-KV-T-M32 - Cable gland

1646201

<https://www.phoenixcontact.com/in/products/1646201>

Metal screw connection with cable bend protection and strain relief, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 20 - 30 mm, SW 40, screw connection: M32



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## REDUC-M-KV-M32/M25 - Reducing adapter

1647637

<https://www.phoenixcontact.com/in/products/1647637>

Reducing adapter, connecting thread: M32 x 1.5, color: silver, with O-ring



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## ENLAR-M-KV-M32/M40 - Extension adapter

1647682

<https://www.phoenixcontact.com/in/products/1647682>

Extension adapter, connecting thread: M32 x 1.5, color: silver, with O-ring



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## HC-M-BS-M32 - Screw plug

1645862

<https://www.phoenixcontact.com/in/products/1645862>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M32 x 1.5, color: silver



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