

# HC-B 24-TMB-100/O1STM40S-STA - Housing



1604625

<https://www.phoenixcontact.com/in/products/1604625>

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HEAVYCON ADVANCE standard powder-coated sleeve housing B24, with bayonet locking, height 100 mm, with 1xM40 thread, lateral cable outlet

## Commercial data

|                                      |                    |
|--------------------------------------|--------------------|
| Item number                          | 1604625            |
| Packing unit                         | 10 pc              |
| Minimum order quantity               | 10 pc              |
| Sales key                            | BF7                |
| Product key                          | AF7AAA             |
| Catalog page                         | Page 565 (PC-2011) |
| GTIN                                 | 4017918948306      |
| Weight per piece (including packing) | 461.3 g            |
| Weight per piece (excluding packing) | 461.3 g            |
| Customs tariff number                | 85389099           |
| Country of origin                    | DE                 |

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## Technical data

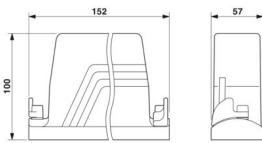
### Notes

|         |                                                          |
|---------|----------------------------------------------------------|
| General | for contact inserts HC-B24, BB46, D64, DD108, HV10/16, M |
|---------|----------------------------------------------------------|

### Product properties

|                              |                              |
|------------------------------|------------------------------|
| Product type                 | Housing with bayonet locking |
| Housing type                 | Sleeve housing               |
| Application                  | Standard                     |
| Type                         | B24                          |
| No. of cable outlets         | 1                            |
| Type of the screw connection | 1x M40                       |
| Shielded                     | no                           |
| Cable outlet                 | lateral                      |
| Pg screw connection          | none                         |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 57 mm                                                                                |
| Height              | 100 mm                                                                               |
| Length              | 152 mm                                                                               |

### Installation dimensions

|                               |        |
|-------------------------------|--------|
| Width of the assembly cutout  | 35 mm  |
| Length of the assembly cutout | 112 mm |

### Material specifications

|                          |                                 |
|--------------------------|---------------------------------|
| Seal material            | NBR                             |
| Housing material         | Die-cast aluminum               |
| Housing surface material | Powder-coated, gray             |
| 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 M40 |
| Locking type                 | Screw  |

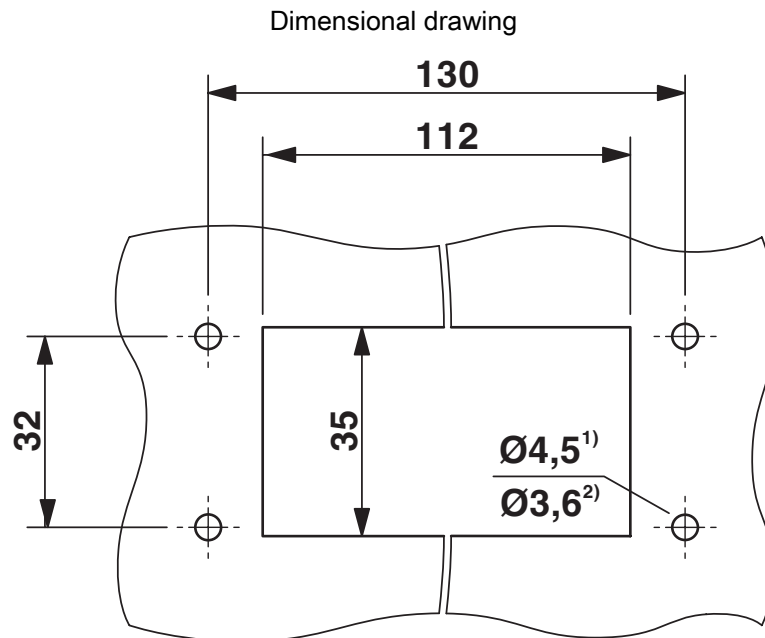
## Mounting

|               |                                                                                                                                                                                                            |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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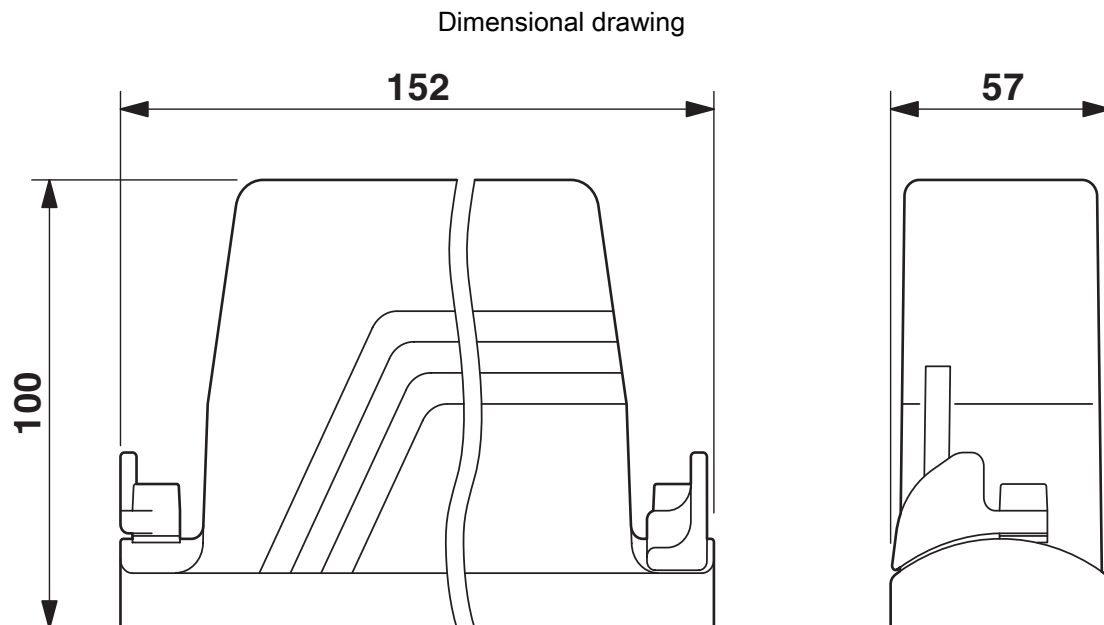
## Drawings



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/1604625>



**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 24-TMS-SD-IP66 - Protective cover

1411520

<https://www.phoenixcontact.com/in/products/1411520>



HEAVYCON ADVANCE, IP66, B24 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-M40-M68N-PNES-GY - Cable gland

1411128

<https://www.phoenixcontact.com/in/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-gray RAL 7001

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

1411137

<https://www.phoenixcontact.com/in/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

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## G-INS-M40-M68N-NNES-S - Cable gland

1411167

<https://www.phoenixcontact.com/in/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

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## HC-M-KV-M40(27-34) - Cable gland

1607729

<https://www.phoenixcontact.com/in/products/1607729>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 27 ... 34 mm, WAF 50, screw connection: M40

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## G-INSEC-M40-M68N-NCRS-S - Cable gland

1411192

<https://www.phoenixcontact.com/in/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

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

1646175

<https://www.phoenixcontact.com/in/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



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

1647640

<https://www.phoenixcontact.com/in/products/1647640>

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



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

1645875

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



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