

## EMC housing - HC-B 6-TMS-100/O1STM20G-EMV - 1604036

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



HEAVYCON ADVANCE EMV sleeve housing B6, with screw locking, height 100 mm, with 1xM20 thread, straight cable outlet



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 PCE     |
| Weight per Piece (excluding packing) | 298.5 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                               |        |
|-------------------------------|--------|
| Height                        | 100 mm |
| Width                         | 57 mm  |
| Length                        | 92 mm  |
| Length of the assembly cutout | 52 mm  |
| Width of the assembly cutout  | 35 mm  |

#### Ambient conditions

|                                      |                     |
|--------------------------------------|---------------------|
| Degree of protection of housing (IP) | IP65                |
|                                      | IP68 (0.2 bar/24 h) |
|                                      | IP69K               |
| Ambient temperature (operation)      | -40 °C ... 125 °C   |

#### General

|              |  |
|--------------|--|
| Note         | For contact inserts HC-B6, BB10, DD24, M |
| Design       | B6                                       |
| Housing type | Sleeve housings                          |
| Locking type | Screw locking                            |

## EMC housing - HC-B 6-TMS-100/O1STM20G-EMV - 1604036

### Technical data

#### General

|                              |   |
|------------------------------|---|
| Torque                       | 3 Nm (Locking screw)  |
| Fixing screws                | M6  |
| Cable exit                   | Straight  |
| Type of the screw connection | 1x M20  |
| Housing material             | Aluminum die-cast   |
| Housing surface material     | EMC coating, silver   |
| Seal material                | NBR, conductive   |
| Material lock                | High-grade steel  |
| Assembly instructions        | In order to guarantee that the ground conductor contact functions even when plugged in at an angle, the two panel mounting flanges must have sufficient electrical contact with the metal mounting panel. |
| Connection                   | 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.                            |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27371205 |
| eCl@ss 5.1 | 27371205 |
| eCl@ss 6.0 | 27371205 |
| eCl@ss 7.0 | 27371205 |
| eCl@ss 8.0 | 27371205 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000437 |
| ETIM 3.0 | EC000437 |
| ETIM 4.0 | EC000437 |
| ETIM 5.0 | EC000437 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261502 |
| UNSPSC 7.0901 | 31261502 |
| UNSPSC 11     | 31261502 |
| UNSPSC 12.01  | 31261502 |
| UNSPSC 13.2   | 31261502 |

## EMC housing - HC-B 6-TMS-100/O1STM20G-EMV - 1604036

### Approvals

Approvals

---

Approvals

GOST

---

Ex Approvals

---

Approvals submitted

---

### Approval details



### Accessories

Accessories

Panel mounting flange

Mounting flange - HC-B-AF - 1686533



Panel mounting flange for HEAVYCON-ADVANCE TMS housing with screw locking

---

Mounting flange - HC-B-AF-SET - 1604638



Panel mounting flange for screw locking, set comprising 2 panel mounting flanges with 4 self-tapping Torx® head screws and 4 fan-type washers

---

Protective cover

## EMC housing - HC-B 6-TMS-100/O1STM20G-EMV - 1604036

### Accessories

Protective covers - HC-B 6-TMS-SD-IP50 - 1690736



HEAVYCON ADVANCE IP50 protective cover B6, for panel mounting side, with clip locking, with retaining cord, diameter of retaining cord eyelet 3 mm

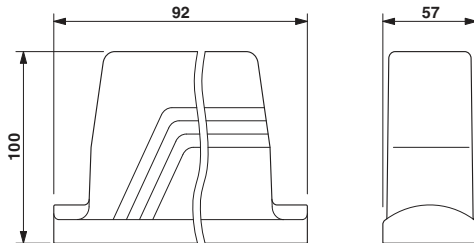
Protective covers - HC-B 6-TMS-SD-IP65 - 1690778



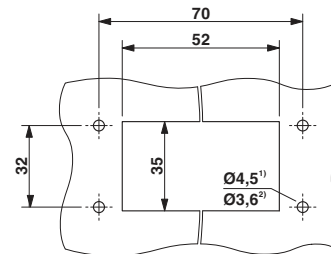
HEAVYCON ADVANCE IP65 protective cover B6, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

### Drawings

Dimensioned drawing



Dimensioned drawing



Mounting cutout

<sup>1)</sup> when M4 screws are used

<sup>2)</sup> when self-tapping Torx® screws are used (Torx® 20, M4)