

## Housing - HC-B 24-TMS-100/O1STM40G-EUA - 1690435

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HEAVYCON ADVANCE for increased environmental requirements, sleeve housing B24, with screw locking, height 100 mm, with 1x M40 thread, straight cable outlet



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 458.4 GRM |
| Custom tariff number                 | 85389099  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                               |        |
|-------------------------------|--------|
| Height                        | 100 mm |
| Width                         | 57 mm  |
| Length                        | 152 mm |
| Length of the assembly cutout | 112 mm |
| Width of the assembly cutout  | 35 mm  |

#### Ambient conditions

|                                        |                       |
|----------------------------------------|-----------------------|
| Degree of protection of housing (IP)   | IP66                  |
|                                        | IP68 (0.2 bar 24 h)   |
|                                        | IP69K                 |
| Degree of protection of housing (NEMA) | 4 (UL50e / NEMA 250)  |
|                                        | 4X (UL50e / NEMA 250) |
|                                        | 6P (UL50e / NEMA 250) |
|                                        | 12 (UL50e / NEMA 250) |

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## Technical data

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

### General

|                              |                                                                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note                         | For contact inserts HC-B24, BB46, D64, DD108, HV10/16, M                                                                                                                                                  |
| Design                       | B24                                                                                                                                                                                                       |
| Housing type                 | Sleeve housings                                                                                                                                                                                           |
| Locking type                 | Screw locking                                                                                                                                                                                             |
| Torque                       | 3 Nm (Locking screw)                                                                                                                                                                                      |
| Fixing screws                | M6                                                                                                                                                                                                        |
| No. of cable exits           | 1                                                                                                                                                                                                         |
| Cable exit                   | Straight                                                                                                                                                                                                  |
| Screw connection             | None                                                                                                                                                                                                      |
| Type of the screw connection | 1x M40                                                                                                                                                                                                    |
| Housing material             | Die-cast aluminum, salt water resistant                                                                                                                                                                   |
| Housing surface material     | Powder-coated, black                                                                                                                                                                                      |
| Seal material                | Viton                                                                                                                                                                                                     |
| Material lock                | High-grade steel                                                                                                                                                                                          |
| Material of locking screw    | 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                   | Tightening torque of locking screw: 3 Nm.                                                                                                                                                                 |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| 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 |

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### Classifications

#### UNSPSC

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

### Approvals

#### Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

#### Approval details



### Accessories

#### Accessories

##### Full screw connection

Cable gland - HC-K-KV-M40(19-28) - 1690655



Plastic screw connection up to 5 bar, thread length: 10 mm, cable diameter: 19 - 28 mm, WAF 46, screw connection: M40

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### Accessories

Cable gland - HC-M-KV-M40(19-27) - 1690590



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 19 - 27 mm, WAF 43, screw connection: M40

Cable gland - HC-M-KV-M40(27-34) - 1607729



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

### 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

Protective covers - HC-B 24-TMS-SD-IP50 - 1690765



HEAVYCON ADVANCE IP50 protective cover B24, for panel mounting side, with clip locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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### Accessories

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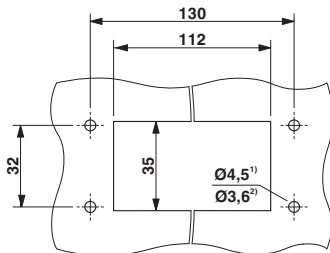
Protective covers - HC-B 24-TMS-SD-IP65 - 1690804



HEAVYCON ADVANCE B24 IP65 protective cover, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm

### Drawings

Dimensioned drawing



Panel cutout

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

Dimensioned drawing

