

## Housing - HC-ADV-B06-HHWH-1TGM20-PL - 1404222

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HEAVYCON ADVANCE B6 sleeve housing, with screw locking (Allen screw), plastic, height: 100 mm, with 1 x M20 thread, straight cable outlet

### Product Features

- Integrated screw connection
- Lower costs than metal version
- Can also be used without panel mounting base
- Labeling option using 9 x 20 mm marking label
- Low weight
- Lower risk of condensation
- Both contact insert PE sheets are connected by means of a metal frame integrated in the sleeve housing
- Capacitive PE, even when connected at an angle
- Completely corrosion-resistant
- Halogen-free plastic
- Impact test according to IK 08



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 1       |
| Weight per Piece (excluding packing) | 112.4 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                        |       |
|------------------------|-------|
| Height                 | 95 mm |
| Width                  | 57 mm |
| Length                 | 92 mm |
| Wrench size, union nut | 22 mm |

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## Technical data

### Dimensions

|                               |                |
|-------------------------------|----------------|
| External cable diameter       | 8 mm ... 13 mm |
| Length of the assembly cutout | 52 mm          |
| Width of the assembly cutout  | 35 mm          |

### Ambient conditions

|                                  |                   |
|----------------------------------|-------------------|
| Degree of protection for housing | IP65              |
|                                  | IP67              |
| Ambient temperature (operation)  | -40 °C ... 100 °C |

### General

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| Note                                    | For contact inserts HC-B06, BB10, DD24, M    |
| Design                                  | B6                                           |
| Housing type                            | Sleeve housings                              |
| Color                                   | black                                        |
| Locking type                            | Screw locking                                |
| Torque                                  | 3 Nm (Locking screw)                         |
| Fixing screws                           | M6 (screw head: 5 mm Allen screw)            |
| No. of cable exits                      | 1                                            |
| Cable exit                              | Straight                                     |
| Screw connection                        | With                                         |
| Type of the screw connection            | 1x M20                                       |
| Housing material                        | Polyamide                                    |
| Seal material                           | NBR                                          |
| Cable seal material                     | NBR                                          |
| Material lock                           | High-grade steel                             |
| Material of locking screw               | High-grade steel                             |
| Inflammability class according to UL 94 | V0                                           |
| Assembly instructions                   | M6 locking screw, with 5 mm Allen screw head |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |

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## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 8.0 | 27440209 |
|------------|----------|

## ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000516 |
| 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 |

## Accessories

### Accessories

#### Device marking

Snap-in markers - US-EMP (20X9) - 0829439



Snap-in markers, Card, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, Mounting type: Snapped into marker carrier, Lettering field: 20 x 9 mm

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## Mounting material

Screw - HC-B-TMS-ERSSCHR-IMB - 1409244



Replacement locking screw, M6, stainless steel, for HEAVYCON-ADVANCE housing, HC-B...TMS...EEE design, 5 mm Allen screw

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## Panel mounting flange

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### Accessories

Mounting flange - HC-B-AF - 1686533



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

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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

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### Screwdriver tools

Screwdriver - SF-M BH - 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

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Screwdriver - SF-BIT-HEXB 5-89 - 1208911



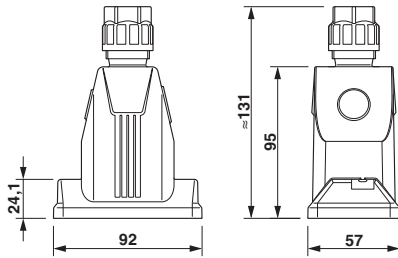
Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173

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### Drawings

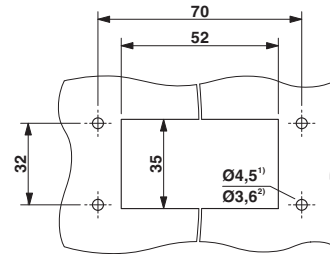
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Dimensioned drawing



Dimensional drawing

Dimensioned drawing



Mounting cutout

- 1) when a standard M4 screw is used
- 2) when self-tapping screws are used (Torx® 20, M4)