

## Housing - HC-B 6-TMS-100/O1STM20G-EEE - 1580480

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HEAVYCON ADVANCE sleeve housing B6, with high-grade steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1xM20, straight cable outlet, without surface; conductive seal (EMC properties)

### Product Features

- ✓ Sturdy metal version
- ✓ Open base, pre-assembled cable harnesses can be used
- ✓ Standardized design; both PE sheets for inserts are connected conductively
- ✓ Safe capacitive PE even when connected slightly askew



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	304.0 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

Schutzart Gehäuse (IP)	IP65
	IP68 (0.2 bar/24 h)

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## Technical data

### Ambient conditions

	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
Torque	3 Nm (Locking screw)
Fixing screws	M6 (screw head: 5 mm Allen screw)
No. of cable exits	1
Cable exit	Straight
Screw connection	None
Type of the screw connection	1x M20
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Uncoated
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	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27261203
eCl@ss 7.0	27440202
eCl@ss 8.0	27440202

### ETIM

ETIM 2.0	EC000437
ETIM 3.0	EC000437

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## Classifications

### ETIM

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

#### Full screw connection

Cable gland - HC-K-KV-M20(8-13) - 1690626



Plastic screw connection up to 5 bar, thread length: 8 mm, cable diameter: 8 - 13 mm, WAF 24, screw connection: M20

Cable gland - HC-M-KV-M20(9-13) - 1690561



Metal screw connection up to 5 bar, thread length: 6 mm, cable diameter: 9 - 13 mm, WAF 22, screw connection: M20

Cable gland - HC-M-KV-M20(11-16) - 1645998



Metal screw connection up to 5 bar, thread length: 6 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M20

## Housing - HC-B 6-TMS-100/O1STM20G-EEE - 1580480

### Accessories

Cable gland - HC-EMV-KV-M20(7-12,5) - 1690503



EMC screw connection up to 5 bar, thread length: 5 mm, cable diameter: 7.0 - 12.5 mm, WAF 24, screw connection: M20

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Cable gland - HC-M-KV-M20(1ASI) - 1584017



Metal screw connection for an AS-Interface flat-ribbon conductor, thread type M20

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### Panel mounting flange

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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### Protective cover

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

## Housing - HC-B 6-TMS-100/O1STM20G-EEE - 1580480

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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

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### Screwdriver tools

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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Screwdriver - SF-M BH - 1212070



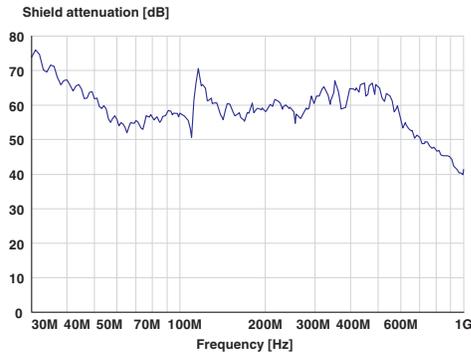
Bit screwdriver, with 1/4" quick-action chuck, handle length 119 mm, 2-component handle, with non-slip grip, suitable for bits according to DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic

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### Drawings

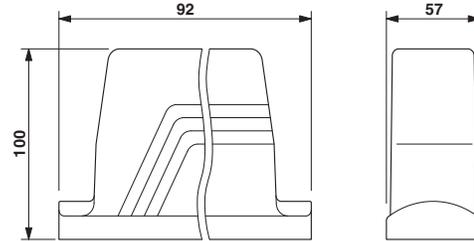
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Diagram



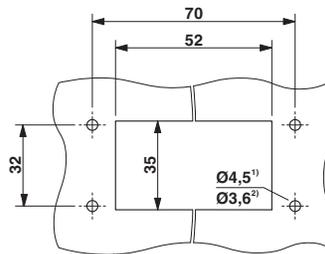
Shield attenuation

Dimensioned drawing



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)