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# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

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HEAVYCON ADVANCE sleeve housing, B10, with stainless steel screw locking (Allen screw), salt-water-resistant aluminum, height 93.7 mm, with 1x M25 thread, lateral cable outlet, without surface; conductive seal (EMC properties)

RoHS    ((( EMC ready )))

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | 4 055626 030357 |
| GTIN | 4055626030357 |
| Weight per Piece (excluding packing) | 263.300 g |
| Custom tariff number | 85389099 |
| Country of origin | Poland |

## Technical data

### Dimensions

| Height | 93.7 mm |
|---|---|
| Width | 57 mm |
| Length | 105 mm |
| Length of the assembly cutout | 65 mm |
| Width of the assembly cutout | 35 mm |

### Ambient conditions

| Degree of protection of housing (IP) | IP66 |
|---|---|
|  | IP68 (0.2 bar/24 h) |
|  | IP69 (ISO 20653:2013-02) |
| Degree of protection of housing (NEMA) | 4 (UL 50e) |
|  | 4X (UL 50e) |
|  | 12 (UL 50e) |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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## Technical data

### General

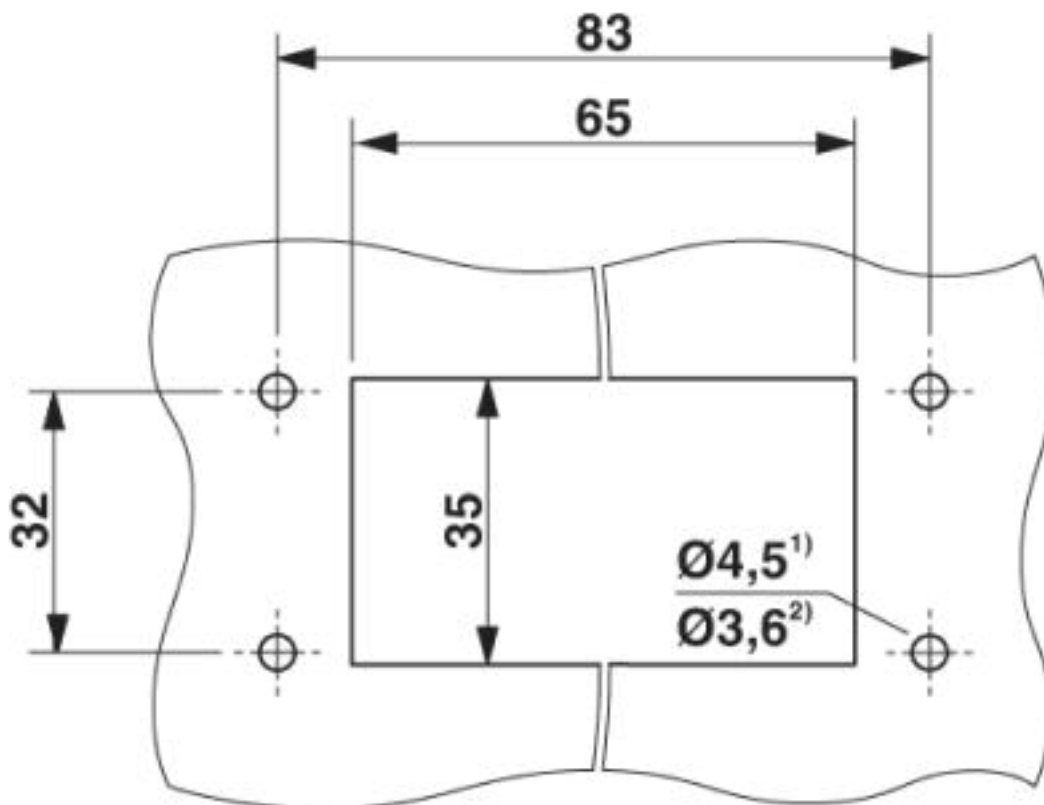| Note | For contact inserts HC-B10, BB18, DD42, M, K8/24 |
|---|---|
| Size | B10 |
| Housing type | Sleeve housing |
| Color | gray aluminum |
| Locking type | with screw locking |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| No. of cable outlets | 1 |
| Cable outlet | lateral |
| Screw connection | none |
| Type of the screw connection | 1x M25 |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Seal material | NBR, conductive |
| Material lock | Stainless 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. |

### Environmental Product Compliance

| China RoHS | Environmentally Friendly Use Period = 50 years |
|---|---|
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

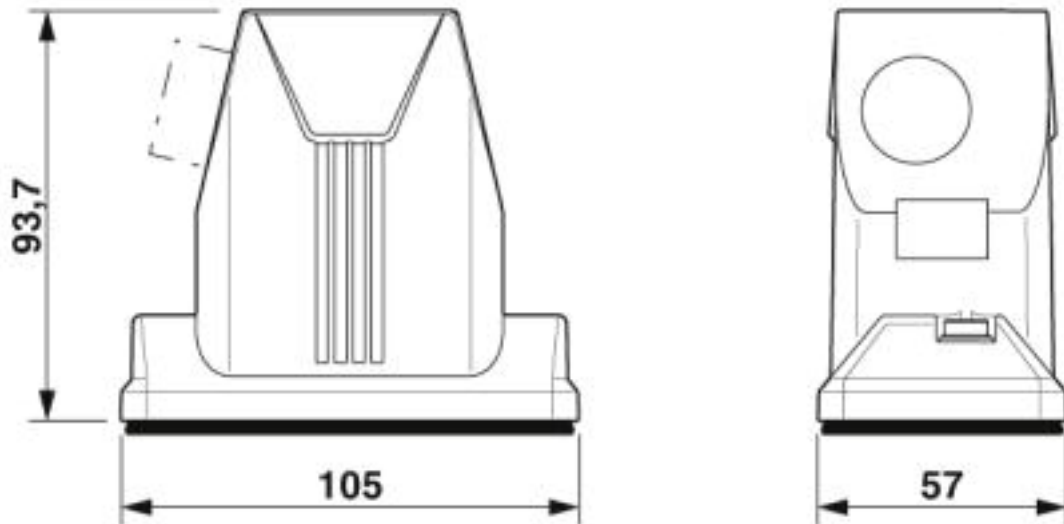# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

Dimensional drawing

Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

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# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

Dimensional drawing



Dimensional drawing

## Classifications

### eCl@ss

| eCl@ss 10.0.1 | 27440202 |
|---------------|----------|
| eCl@ss 5.1    | 27261200 |
| eCl@ss 6.0    | 27261200 |
| eCl@ss 7.0    | 27440202 |
| eCl@ss 8.0    | 27440202 |
| eCl@ss 9.0    | 27440202 |

### ETIM

| ETIM 5.0 | EC000437 |
|----------|----------|
| ETIM 6.0 | EC000437 |
| ETIM 7.0 | EC000437 |

### UNSPSC

| UNSPSC 13.2 | 31261501 |
|-------------|----------|
| UNSPSC 18.0 | 31261501 |
| UNSPSC 19.0 | 31261501 |
| UNSPSC 20.0 | 31261501 |
| UNSPSC 21.0 | 31261501 |

## Approvals

### Approvals

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# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / DNV GL / cULus Recognized

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Ex Approvals

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## Approval details

| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E255026 |

| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E255026 |

| EAC | | | RU C-DE.AI30.B.01102 |

| DNV GL | | https://approvalfinder.dnvgl.com/ | TAE000037S |

| cULus Recognized | | | |

## Accessories

Accessories

Full screw connection

Cable gland - HC-K-KV-M25(11-17) - 1690639

Plastic screw connection up to 5 bar, thread length: 8 mm, cable diameter: 11 - 17 mm, WAF 29, screw connection: M25

# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

## Accessories

Cable gland - HC-M-KV-M25(14-21) - 1646007

Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25

Cable gland - HC-EMV-KV-M25(9-16,5) - 1690516

EMC screw connection up to 5 bar, thread length: 7.5 mm, cable diameter: 9.0 - 16.5 mm, WAF 29, screw connection: M25

Cable gland - HC-M-KV-M25(1ASI) - 1584020

Metal screw connection for an AS-Interface flat-ribbon conductor, thread type M25

## Labeled device marker

Plastic label - US-EMLP (20X9) CUS - 0830085

Plastic label, can be ordered: By card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 75

## Multiple screw connection

Cable gland - HC-M-KV-M25(1X10/1X11) - 1580228

Special cable screw connection M25, brass nickel-plated, grommet with 10 mm and 11 mm holes

## Panel mounting flange

# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

## Accessories

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 screws (M4, Torx®) and 4 fan-type washers

## Protective cover

Protective covers - HC-B 10-TMS-SD-IP50 - 1690749

Protective cover B10, Clip locking, protective cover material: PA, height: 31.2 mm, seal: no, With lanyard, diameter of retaining cord eyelet: 4 mm

Protective covers - HC-B 10-TMS-SD-IP65 - 1690781

HEAVYCON ADVANCE IP65 protective cover B10, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

## 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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# Housing - HC-ADV-B10-HHWH-1STM25-EMC-AL - 1413401

## Accessories

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