

## Housing - HC-ADV-B16-HHWH-1STM32-EMC-AL - 1413417

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HEAVYCON ADVANCE sleeve housing, B16, with stainless steel screw locking (Allen screw), salt-water-resistant aluminum, height 93.7 mm, with thread, 1 x M32 lateral cable outlet, without surface; conductive seal (EMC properties)



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 055626 030395 |
| GTIN         | 4055626030395                                                                                           |

### Technical data

#### Dimensions

|                               |          |
|-------------------------------|----------|
| Height                        | 93.7 mm  |
| Width                         | 57 mm    |
| Length                        | 125.5 mm |
| Length of the assembly cutout | 86 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        |

#### General

|              |                                                             |
|--------------|-------------------------------------------------------------|
| Note         | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K |
| Size         | B16                                                         |
| Housing type | Sleeve housing                                              |

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## Technical data

### General

|                              |                                                                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color                        | gray aluminum                                                                                                                                                                                             |
| Locking type                 | with screw locking                                                                                                                                                                                        |
| Torque                       | 3 Nm (Locking screw)                                                                                                                                                                                      |
| 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 M32                                                                                                                                                                                                    |
| 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.<br>Tightening torque of locking screw: 3 Nm.                         |

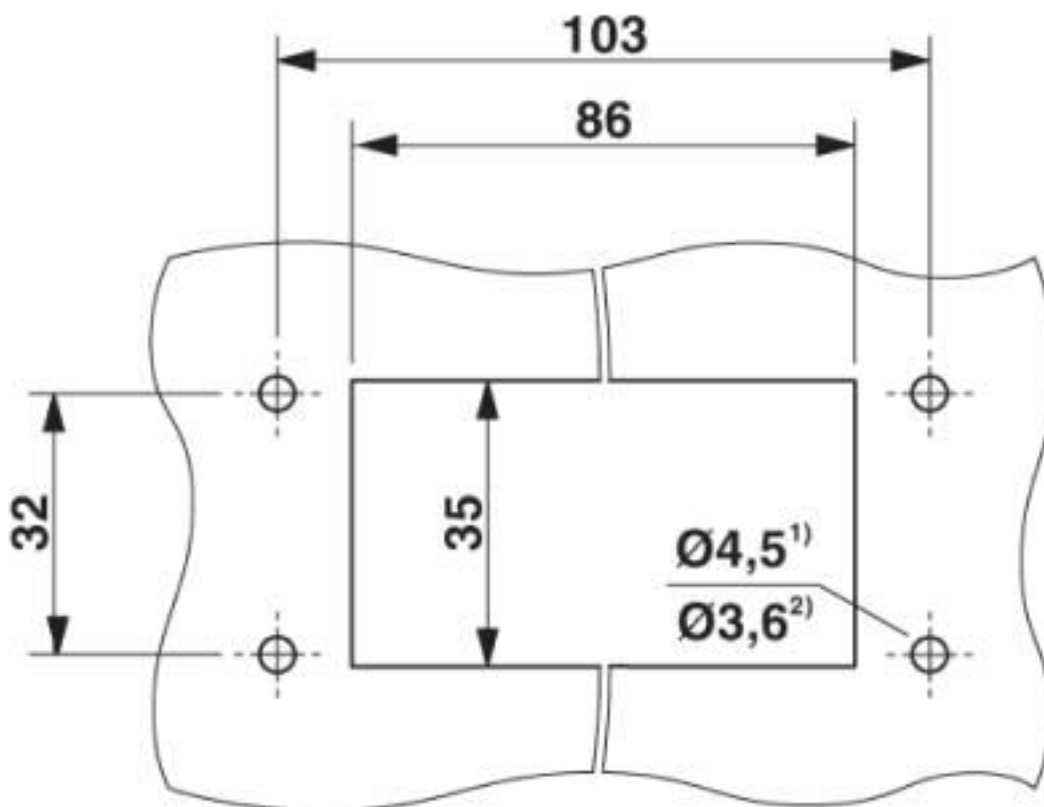
### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| 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-B16-HHWH-1STM32-EMC-AL - 1413417

Dimensional drawing

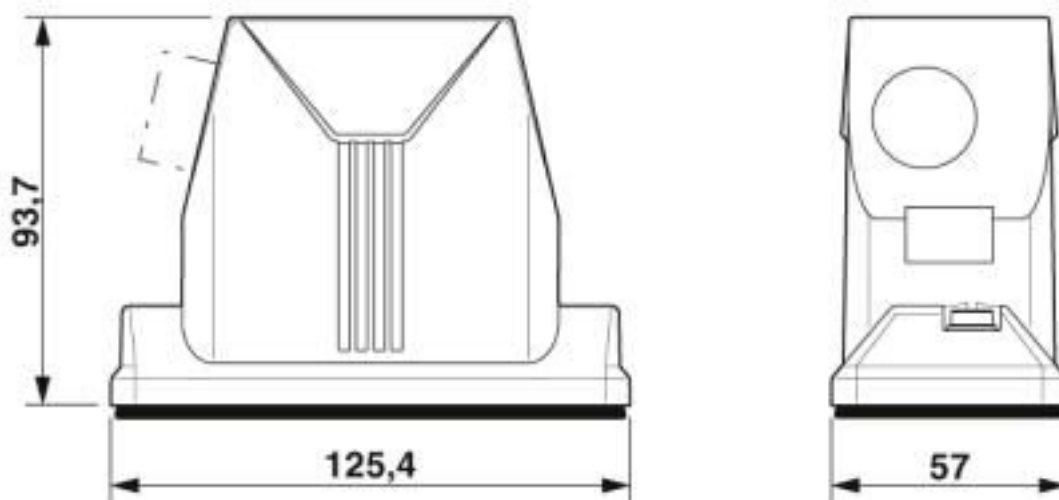


Mounting cutout

1) when M4 screws are used

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

Dimensional drawing



Dimensional drawing

# Housing - HC-ADV-B16-HHWH-1STM32-EMC-AL - 1413417

## 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

#### Approvals

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

#### Ex Approvals

### Approval details

|               |                                                                                     |                                                                                                                                                       |         |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E255026 |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|                |                                                                                     |                                                                                                                                                       |         |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E255026 |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

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### Approvals

|     |                                                                                   |                          |
|-----|-----------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.01102 |
|-----|-----------------------------------------------------------------------------------|--------------------------|

|        |                                                                                   |                                                                                   |            |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAE000037S |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| cULus Recognized |  |
|------------------|-----------------------------------------------------------------------------------|

### Accessories

#### Accessories

##### Full screw connection

Cable gland - HC-K-KV-M32(15-21) - 1690642



Plastic screw connection up to 5 bar, thread length: 10 mm, cable diameter: 15 - 21 mm, WAF 36, screw connection: M32

Cable gland - G-INS-M32-M68N-NNES-S - 1411166



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

Cable gland - HC-M-KV-M32(19-27) - 1646010



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 19 - 27 mm, WAF 43, screw connection: M32

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### Accessories

Cable gland - HC-EMV-KV-M32(11-21) - 1690529



EMC screw connection up to 5 bar, thread length: 9 mm, cable diameter: 11.0 - 21.0 mm, WAF 36, screw connection: M32

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### 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

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

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### Protective cover

Protective covers - HC-B 16-TMS-SD-IP50 - 1690752



Protective cover B16, Clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard, diameter of retaining cord eyelet: 4 mm

## Housing - HC-ADV-B16-HHWH-1STM32-EMC-AL - 1413417

### Accessories

Protective covers - HC-B 16-TMS-SD-IP66 - 1411517



HEAVYCON ADVANCE, IP66, B16 protective cover, 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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