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# Housing - HC-ADV-B16-HHWH-1TTM25-MF-BK - 1420917

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Sleeve housing B16, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, height: 93.7 mm, cable gland: none, support sleeve: no, 1x M25, Increased environmental requirements

**RoHS**

COMPLETE line

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | 4 055626 249162 |
| GTIN | 4055626249162 |
| Weight per Piece (excluding packing) | 320.000 g |
| Custom tariff number | 85389099 |
| Country of origin | China |

## 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) |

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## Technical data

### Ambient conditions

|  | 12 (UL 50e) |
| --- | --- |
| Ambient temperature (operation) | -40 °C ... 125 °C |

### General

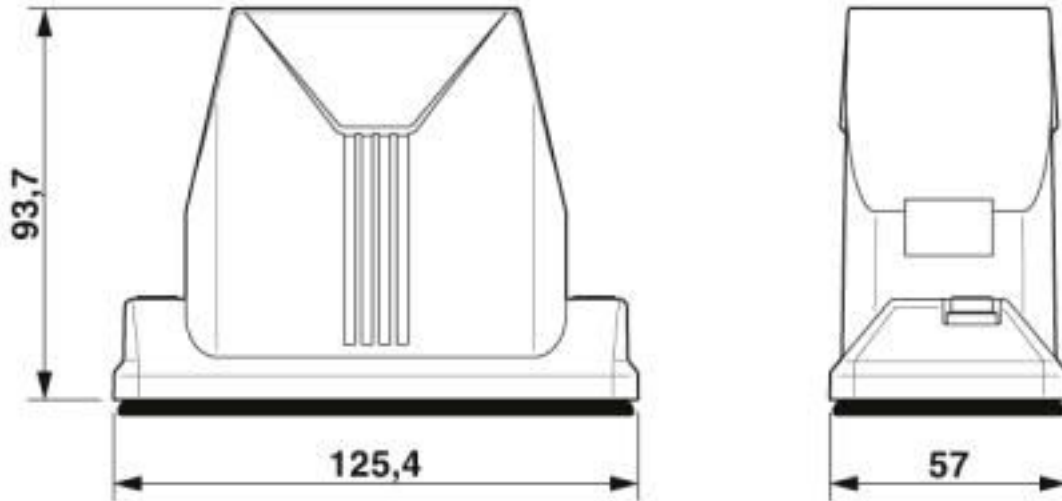| Note | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K |
| --- | --- |
| Size | B16 |
| Housing type | Sleeve housing |
| Color | black |
| Locking type | with screw locking |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| No. of cable outlets | 1 |
| Cable outlet | straight |
| Screw connection | none |
| Type of the screw connection | 1x M25 |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | Powder-coated, black |
| Seal material | Viton |
| Material lock | Stainless steel |

### 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
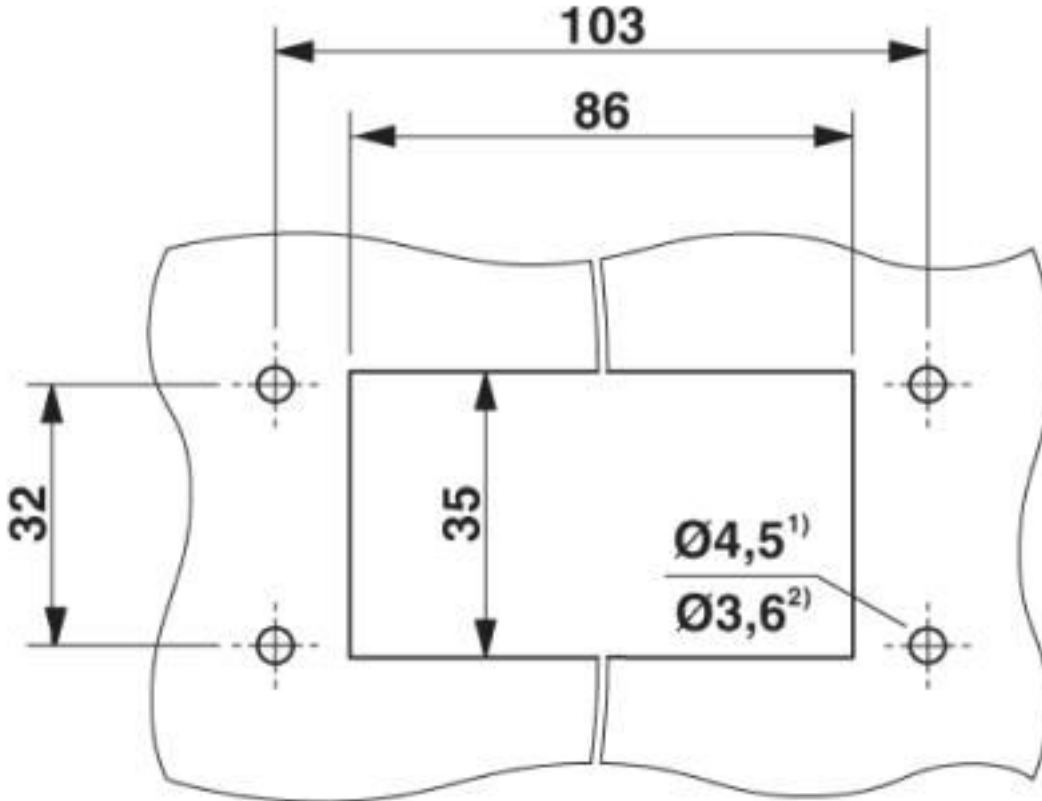
# Housing - HC-ADV-B16-HHWH-1TTM25-MF-BK - 1420917

Dimensional drawing



Dimensional drawing

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# Housing - HC-ADV-B16-HHWH-1TTM25-MF-BK - 1420917

Dimensional drawing



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

## 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 |

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## Classifications

### ETIM

| 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 | | 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 |

# Housing - HC-ADV-B16-HHWH-1TTM25-MF-BK - 1420917

## Approvals

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

### 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

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## Accessories

Cable gland - G-INS-M25-M68N-NNES-S - 1411165

Cable gland, cable gland material: Nickel-plated brass, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

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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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## 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

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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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## Accessories

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 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

## 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

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