

HC-ADV-B16-HHWH-1STM40-MF-BK - Housing



1420916

<https://www.phoenixcontact.com/us/products/1420916>

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Sleeve housing B16, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M40, height: 93.7 mm, cable gland: none, increased environmental requirements

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1420916 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF58 |
| Product key | AF7API |
| GTIN | 4055626249155 |
| Weight per piece (including packing) | 326 g |
| Weight per piece (excluding packing) | 310.7 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

Technical data

Notes

| | |
|---------|---|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K |
|---------|---|

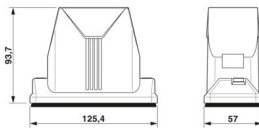
Product properties

| | |
|------------------------------|--------------------------------------|
| Product type | Housing with screw locking |
| Housing type | Sleeve housing |
| Product family | HC-ADV |
| Application | increased environmental requirements |
| Type | B16 |
| No. of cable outlets | 1 |
| Type of the screw connection | 1x M40 |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| Shielded | no |
| Cable outlet | lateral |
| Pg screw connection | none |

Connection data

| | |
|-------------------|--|
| Tightening torque | 3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing) |
|-------------------|--|

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 57 mm |
| Height | 93.7 mm |
| Length | 125.5 mm |

Installation dimensions

| | |
|-------------------------------|-------|
| Width of the assembly cutout | 35 mm |
| Length of the assembly cutout | 86 mm |

Material specifications

| | |
|--------------------------|---|
| Seal material | Viton |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | Powder-coated, black |
| Locking latch material | Stainless steel |

Environmental and real-life conditions

Ambient conditions

IP66

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| | |
|---------------------------------|--------------------------|
| Degree of protection | IP68 (0.2 bar/24 h) |
| | IP69 (ISO 20653:2013-02) |
| Enclosure rating (NEMA) | 4 (UL 50e) |
| | 4X (UL 50e) |
| | 12 (UL 50e) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

Mechanical properties

Mechanical data

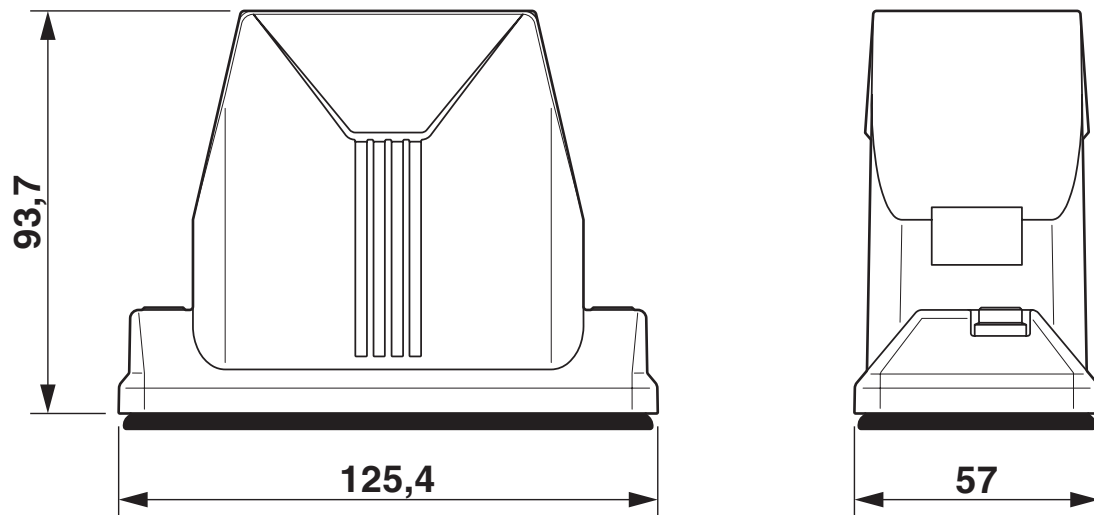
| | |
|------------------------------|--------|
| Type of the screw connection | 1x M40 |
| Locking type | Screw |

Mounting

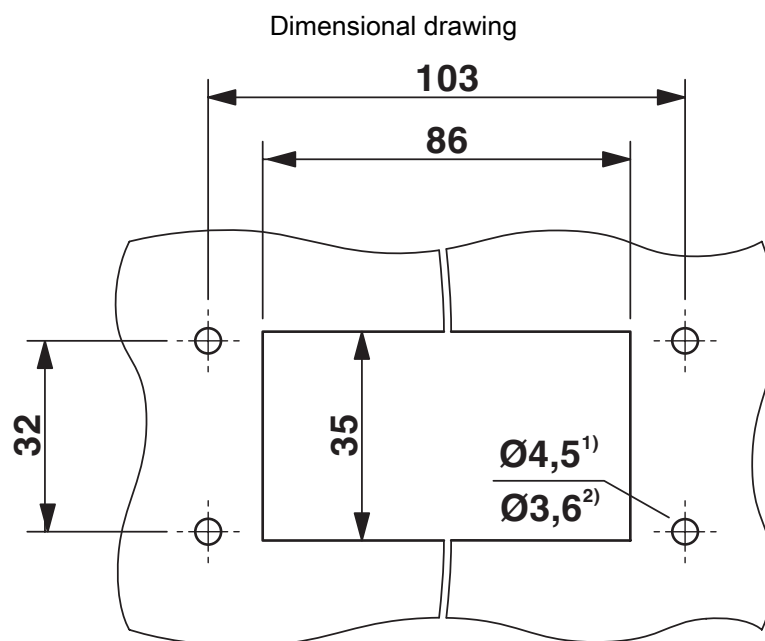
| | |
|---------------|-----------------------------------|
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
|---------------|-----------------------------------|

Drawings

Dimensional drawing



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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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420916>

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026



EAC

Approval ID: RU C-DE.AI30.B.01102

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

ETIM

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|----------|----------|
| ETIM 9.0 | EC000437 |
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UNSPSC

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|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

Environmental product compliance

| | |
|---|--|
| EU RoHS | |
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
| China RoHS | |
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |
| EU REACH SVHC | |
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
| EF3.0 Climate Change | |
| CO2e kg | 12.555 kg CO2e |