

# HC-EVO-B16-SHFDC-2SSM40-PLRBK - Housing



1407653

<https://www.phoenixcontact.com/us/products/1407653>

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Surface mounting housing B16, for double locking latch, material: PA 6.6-FR, protective cover material: PC, cable outlets: 2, lateral, 2x M40, height: 84 mm, cable gland: none, protective cover: yes, Standard

## Product description

One screw connection opening is closed, however can be opened using a screwdriver

## Your advantages

- Lower costs than metal version
- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1407653       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF57          |
| Product key                          | AF7APL        |
| GTIN                                 | 4046356777162 |
| Weight per piece (including packing) | 196.6 g       |
| Weight per piece (excluding packing) | 196.4 g       |
| Customs tariff number                | 85389099      |
| Country of origin                    | PL            |

## Technical data

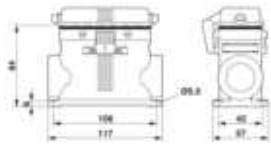
### Notes

|         |                                                                                    |
|---------|------------------------------------------------------------------------------------|
| General | For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K, HV06-I-PR, HV 6-E...C |
|---------|------------------------------------------------------------------------------------|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Surface mounting housing   |
| Product family               | HC-EVO-B                   |
| Application                  | Standard                   |
| Type                         | B16                        |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M40                     |
| Protective cover             | yes                        |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 57 mm                                                                                |
| Height              | 84 mm                                                                                |
| Length              | 117 mm                                                                               |
| Hole diameter       | 5.5 mm                                                                               |

### Material specifications

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| Flammability rating according to UL 94 | V0 (Housing)<br>V0 (Protective cover) |
| Seal material                          | NBR                                   |
| Housing material                       | PA 6.6-FR                             |
| Material, protective cover             | PC                                    |

### Mechanical properties

#### Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 2x M40 |
| Locking type                 | Pin    |

### Connection data

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Tightening torque | 2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing) |
|-------------------|---------------------------------------------------------------------|

## Mounting

### Assembly note

One of the two openings for the screw connections is sealed but can be broken open using a screwdriver.

## Environmental and real-life conditions

### Ambient conditions

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Degree of protection            | IP66 (when plugged in)              |
|                                 | IP54 (with closed protective cover) |
| Enclosure rating (NEMA)         | 12 (UL 50e)                         |
| Impact strength                 | IK09                                |
| Ambient temperature (operation) | -40 °C ... 125 °C                   |

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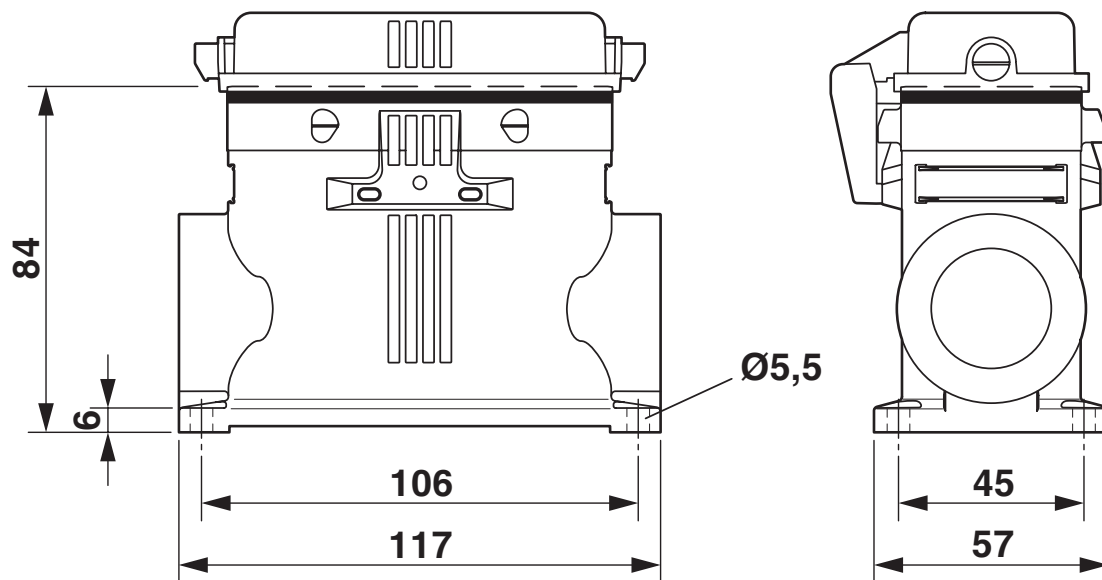


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1407653>

### DNV

Approval ID: TAE000037S



### EAC

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

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| 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 | 1.856 kg CO2e |
|---------|---------------|