

HC-EVO-B16-SHWS-2SSM25-PLRBK - Housing



1421381

<https://www.phoenixcontact.com/us/products/1421381>

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Surface mounting housing B16, with single locking latch, material: PA 6.6-FR, cable outlets: 2, lateral, 2x M25, height: 84 mm, cable gland: none, Standard, including 2x reducing adapter

Your advantages

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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1421381 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF57 |
| Product key | AF7APL |
| GTIN | 4055626264981 |
| Weight per piece (including packing) | 216.7 g |
| Weight per piece (excluding packing) | 213 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

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Technical data

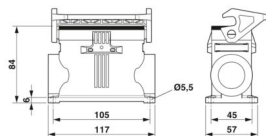
Notes

| | |
|---------|--|
| 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 M25 |
| 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) V0 (Interlock) |
| Seal material | NBR |
| Housing material | PA 6.6-FR |
| Locking latch material | PA |

Mechanical properties

| | |
|------------------------------|--------|
| Mechanical data | |
| Type of the screw connection | 2x M25 |
| Locking type | Latch |

Connection data

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

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Mounting

| | |
|---------------|---|
| Assembly note | Two plastic reductions M40 to M25 are provided |
| | 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 |
| Enclosure rating (NEMA) | 12 (UL 50e) |
| Impact strength | IK08 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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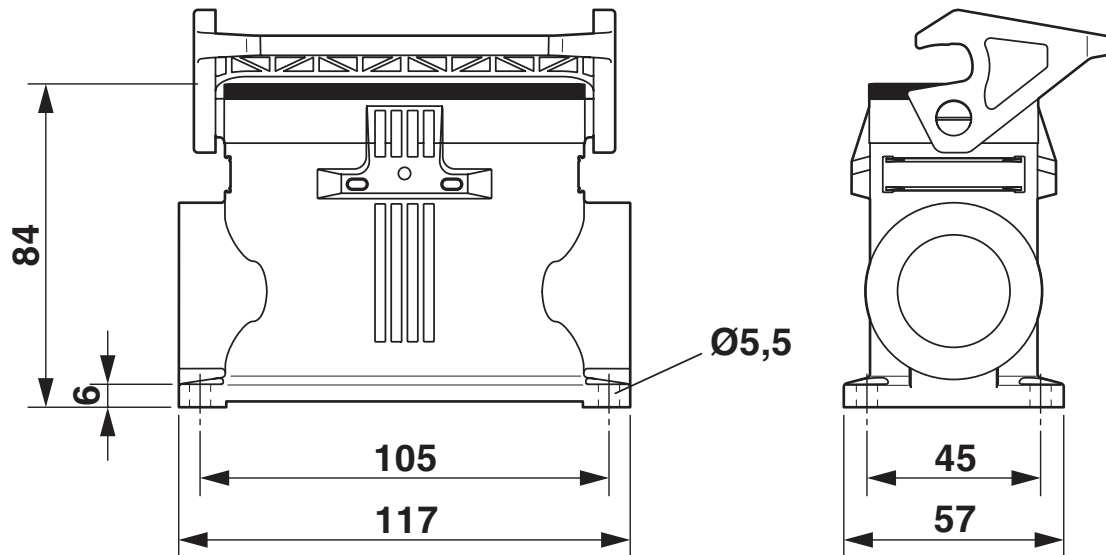
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421381>

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

| | |
|----------|----------|
| 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 | 1.744 kg CO2e |