

HC-STA-B48-SHWS-2SSM32-EMC-AL - Housing



1424867

<https://www.phoenixcontact.com/us/products/1424867>

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Surface mounting housing B48, with single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 2, lateral, 2x M32, height: 99 mm, cable gland: none, Standard

Your advantages

- Good shielding in the event of electromagnetic interference

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1424867 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APB |
| GTIN | 4055626382722 |
| Weight per piece (including packing) | 1,234 g |
| Weight per piece (excluding packing) | 1,141.2 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|------------------------------|----------------------------|
| Product type | Housing with locking latch |
| Housing type | Surface mounting housing |
| Application | Standard |
| Type | B48 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x M32 |
| Cable outlet | lateral |
| Pg screw connection | none |

Dimensions

| | |
|---------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width | 120 mm |
| Height | 99 mm |
| Length | 132 mm |
| Hole diameter | 6.5 mm |

Material specifications

| | |
|----------------------------------------|-----------------------------------------|
| Flammability rating according to UL 94 | V0 (Interlock) |
| Seal material | NBR, conductive |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Locking latch material | PA |

Mechanical properties

Mechanical data

| | |
|------------------------------|--------|
| Type of the screw connection | 2x M32 |
| Locking type | Latch |

Connection data

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

Mounting

| | |
|---------------|-----------------------------------------------------------------------------------------|
| Assembly note | One opening is sealed with a plastic filler plug and can be opened using a screwdriver. |
|---------------|-----------------------------------------------------------------------------------------|

Environmental and real-life conditions

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Ambient conditions

| | |
|---------------------------------|-------------------|
| Degree of protection | IP66 |
| | IP67 |
| Enclosure rating (NEMA) | 4 (UL 50e) |
| | 4X (UL 50e) |
| | 12 (UL 50e) |
| Impact strength | IK08 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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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/1424867>

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026

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Classifications

ECLASS

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

ETIM

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|-----------|----------|
| ETIM 10.0 | EC000437 |
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UNSPSC

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|-------------|----------|
| UNSPSC 21.0 | 31261500 |
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Environmental product compliance

EU RoHS

| | |
|-----------------------------------------|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 78b0d1f2-64e5-4742-b574-33e6a5179df4 |

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