

HC-STA-B10-SLFDC-2SSM25-ELC-AL - Housing



1412831

<https://www.phoenixcontact.com/us/products/1412831>

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Surface mounting housing B10, for double locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, cable outlets: 2, lateral, 2x M25, height: 54 mm, cable gland: none, protective cover: yes, Standard

Your advantages

- Good shielding in the event of electromagnetic interference

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1412831 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APB |
| GTIN | 4055626060903 |
| Weight per piece (including packing) | 207.1 g |
| Weight per piece (excluding packing) | 206 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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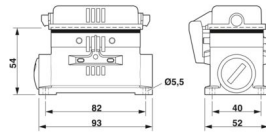
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Technical data

Product properties

| | |
|------------------------------|----------------------------|
| Product type | Housing with locking latch |
| Housing type | Surface mounting housing |
| Application | Standard |
| Type | B10 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x M25 |
| Protective cover | yes |
| Cable outlet | lateral |
| Pg screw connection | none |

Dimensions

| | |
|---------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width | 52 mm |
| Height | 54 mm |
| Length | 92 mm |
| Hole diameter | 5.5 mm |

Material specifications

| | |
|----------------------------------------|-----------------------------------------|
| Flammability rating according to UL 94 | V0 (Protective cover) |
| Seal material | NBR, conductive |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Material, protective cover | PC |

Mechanical properties

Mechanical data

| | |
|------------------------------|--------|
| Type of the screw connection | 2x M25 |
| Locking type | Pin |

Connection data

| | |
|-------------------|---------------------------------------------------------------------|
| Tightening torque | 2 Nm ... 3 Nm (for M5 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. |
|---------------|-----------------------------------------------------------------------------------------|

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Environmental and real-life conditions

Ambient conditions

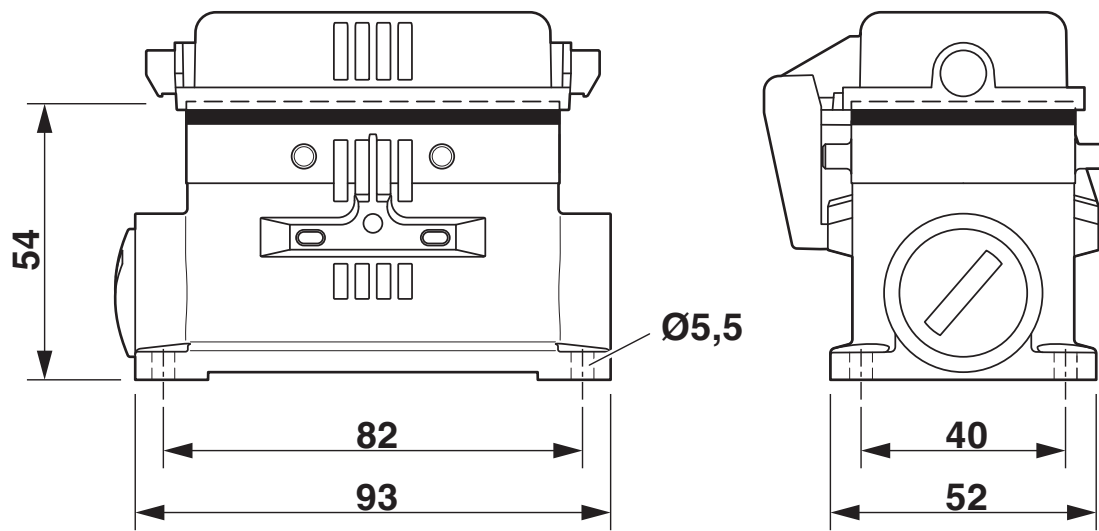
| | |
|---------------------------------|-------------------------------------|
| Degree of protection | IP66 (when plugged in) |
| | IP67 (when plugged in) |
| | IP54 (with closed protective cover) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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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/1412831>

DNV

Approval ID: TAE000037S

ENEC

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 10.0 | EC000437 |
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UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 4.721 kg CO2e |
|---------|---------------|

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