

HC-EVO-M1-BWS-PLRBK - Housing



1424437

<https://www.phoenixcontact.com/us/products/1424437>

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Panel mounting base M1, with single locking latch, material: PA, height: 24 mm, cable gland: none, protective cover: no, Standard, for modular contact inserts

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1424437 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | AF7APB |
| GTIN | 4055626372563 |
| Weight per piece (including packing) | 47.6 g |
| Weight per piece (excluding packing) | 22.22 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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Technical data

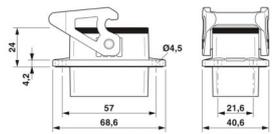
Notes

| | |
|---------|--|
| General | for single module width modular contact inserts from the HEAVYCON modular system |
|---------|--|

Product properties

| | |
|---------------------|---------------------|
| Housing type | Panel mounting base |
| Application | Standard |
| Type | M1 |
| Protective cover | no |
| Shielded | no |
| Pg screw connection | none |

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Width | 40.6 mm |
| Height | 24 mm |
| Length | 68.6 mm |
| Drill hole distance, horizontal | 57 mm |
| Drill hole distance, vertical | 21.6 mm |
| Hole diameter | 4.5 mm |

Installation dimensions

| | |
|-------------------------------|---------|
| Width of the assembly cutout | 28.6 mm |
| Length of the assembly cutout | 48.2 mm |

Material specifications

| | |
|--|-----------------|
| Flammability rating according to UL 94 | V0 (Housing) |
| | V0 (Interlock) |
| Seal material | NBR, conductive |
| Housing material | PA |
| Locking latch material | PA |

Mechanical properties

Mechanical data

| | |
|--------------|-------|
| Locking type | Latch |
|--------------|-------|

Connection data

| | |
|-------------------|---|
| Tightening torque | 0.5 Nm ... 0.8 Nm (For M3 mounting screws on the panel-mount) |
|-------------------|---|

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| | |
|--|-------|
| | base) |
|--|-------|

Mounting

Assembly note

The housing can accommodate all Phoenix Contact modules with a single module width. Exception: Push-in TWIN modules with Order Numbers 1423962 and 1423961 may not be used due to the lack of rotation protection.

The housing can accommodate all Phoenix Contact modules with single module width. Exception: Push-in TWIN modules with Item No.. 1423962 and 1423961 may not be used due to the lack of rotation protection.

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|-------------------|
| Degree of protection | IP66 |
| Impact strength | IK06 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

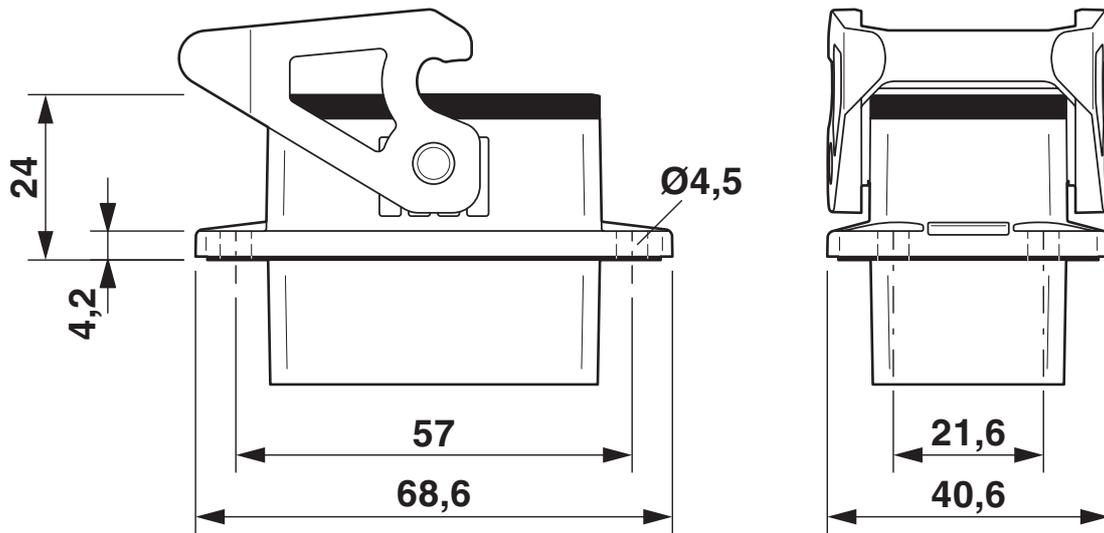
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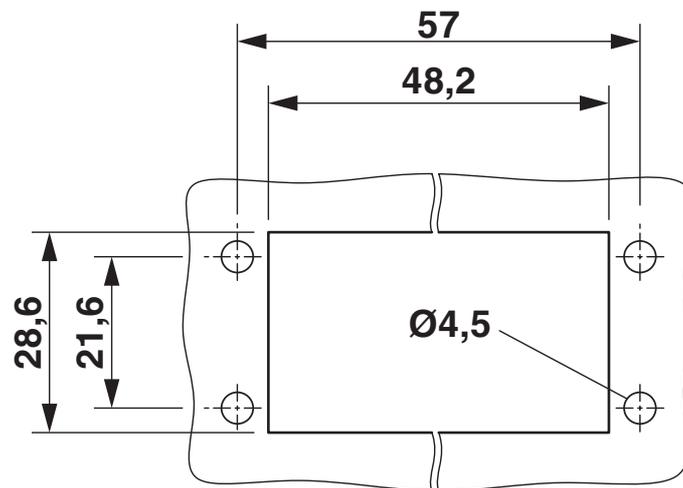
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout

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Dimensional drawing

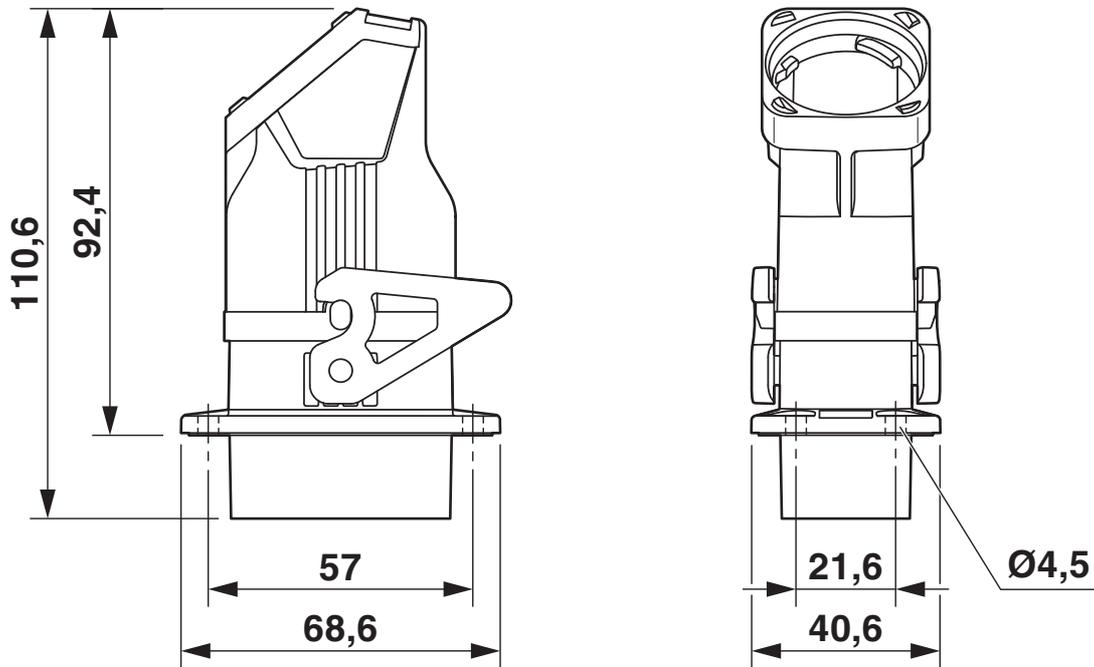


Figure may contain other products.

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424437>

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

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

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