# ECS-P-122X169-S-UV1-2PV - Front plate

1143769

https://www.phoenixcontact.com/us/products/1143769

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ECS family faceplate, ready for integration of one SUNCLIX PV-FT-C3 male and female connectors, screw locking, rated IP66/IP67/IP68/IP69 when combined with ECS housing, Color: Black (9005), Width: 163 mm, Height: 30 mm, Depth: 62 mm

## Your advantages

- Housing design supports the installation of a range of PCB thicknesses for high application diversity
- Optional accessories for wall and mast mounting
- Proven PCB connection technology
- Integrated tamper protection
- Effective protection of electronics against thermal and mechanical influences

## Commercial data

| | |
|---|---|
| Item number | 1143769 |
| Packing unit | 5 pc |
| Minimum order quantity | 5 pc |
| Sales key | AC04 |
| Product key | ACFDAB |
| GTIN | 4063151130930 |
| Weight per piece (including packing) | 111.8 g |
| Weight per piece (excluding packing) | 111 g |
| Customs tariff number | 84879090 |
| Country of origin | US |

## Technical data

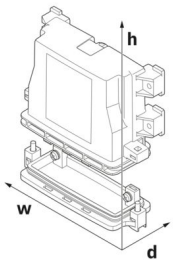
### Notes

| | |
|---|---|
| Assembly note | Please observe the application note in the download area. |
| Degree of protection | The specification for IP protection applies to the item combination ECS-B-... in conjunction with an unaltered ECS-P...-B front panel. |
| Degree of protection | When using front panels with connection technology, the IP protection class of the connection technology determines the protection class of the overall solution. |
| Recommendation | Further information and detailed dimensions are available in the download area. |

### Product properties

| | |
|---|---|
| Product type | Front plate |
| Housing type | Outdoor housing |
| Housing type | Outdoor housings |
| Housing series | ECS |
| Product family | ECS..122X..S.. |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 163 mm |
| Height | 30 mm |
| Depth | 62 mm |

PCB design

| | |
|---|---|
| PCB thickness | 1.57 mm ... 2.36 mm |

### Material specifications

| | |
|---|---|
| Color (Housing) | black (RAL 9005) |
| Material Housing | PC |
| Flammability rating according to UL 94 | V0 |

### Environmental and real-life conditions

Vibration test

| | |
|---|---|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 2000 - 10 Hz |
| Sweep speed | 1 octave/min |

| | |
|---|---|
| Acceleration | 15g (61.6 Hz ... 2000 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

Glow-wire test

| | |
|---|---|
| Specification | IEC 60695-2-11:2014-02 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

Mechanical strength / tumbling barrel

| | |
|---|---|
| Specification | IEC 60068-2-31:2008-05 |
| Height of fall | 50 cm |
| Frequency | 50 |

Shocks

| | |
|---|---|
| Specification | IEC 60068-2-27:2008-02 |
| Pulse shape | Semi-sinusoidal |
| Acceleration | 50g |
| Shock duration | 11 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

Salt spray test

| | |
|---|---|
| Specification | DIN EN 60068-2-11:2000-02 |
| Test duration | 96 h |

Test for substances that would hinder coating with paint or varnish

| | |
|---|---|
| Specification | VDMA 24364:2018-05 |
| Result | Test passed |

Degree of protection (IP code)

| | |
|---|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
| Result, degree of protection, IP code | IP66/IP68 (2 m/24 h) |

Ambient conditions

| | |
|---|---|
| Degree of protection | IP66/IP67 |
| Max. NEMA code to attain | 6 |
| Impact strength | IK08 |
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Ambient temperature (storage/transport) | -40 °C ... 100 °C |

## PCB data

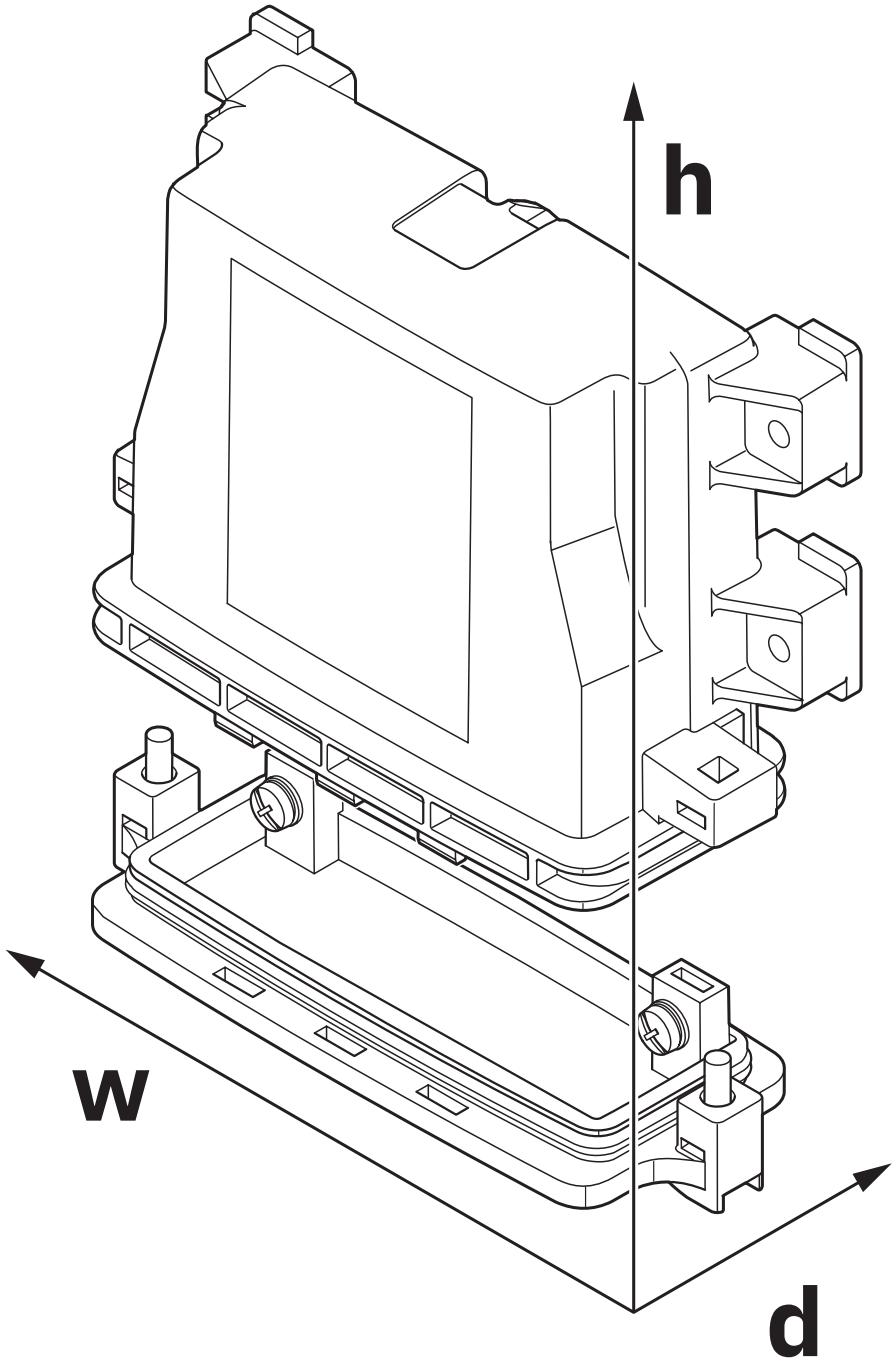
| | |
|---|---|
| Number of PCB holders | 1 |
| Thickness of the PCB | 1.57 mm ... 2.36 mm |

## Mounting

| | |
|---|---|
| Mounting type | Screw locking mechanism |

## Drawings

Dimensional drawing




Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the “Downloads” tab.

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27190603 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC002779 |

### 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-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.) | No substance above 0.1 wt% |

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