# POS HP 161408 TRANS - Outdoor housing

1588623

https://www.phoenixcontact.com/in/products/1588623

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The product photo shows an open outdoor housing

Outdoor housing, color: light gray, dimensions: 410 mm x 455 mm x 228 mm, with panel feed-through for PV connectors and pre-assembled holder, including corner inlays, cover plugs, screws, cover: transparent, plastic latch, material: UV-stabilized polycarbonate

## Your advantages

- Resistance to corrosion
- Different housing sizes can be combined with one holder
- Simple 1-person installation of the entire system
- Complete system except own electronics
- Simple supply chain

## Commercial data

| | |
|---|---|
| Item number | 1588623 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | ACFDCA |
| GTIN | 4067923145658 |
| Weight per piece (excluding packing) | 5.95 kg |
| Country of origin | DE |

## Set consists of

### PV-FT-C4F-C-4-300-BU-64 - Device connector front mounting

1158452

https://www.phoenixcontact.com/in/products/1158452

Device connector front mounting, Range of articles: SUNCLIX, color: black, number of positions: 1, rated voltage: 1500 V DC, rated current: 32 A, Connection method: Crimp, cable length: 300

### PV-FT-C4M-C-4-300-RD-64 - Device connector front mounting

1158453

https://www.phoenixcontact.com/in/products/1158453

Device connector front mounting, Range of articles: SUNCLIX, color: black, number of positions: 1, rated voltage: 1500 V DC, rated current: 32 A, Connection method: Crimp, cable length: 300

# Technical data

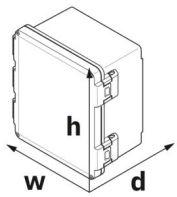
## Notes

| | |
|---|---|
| Assembly note | Only use the screws provided to screw the components onto the corner inlays, the mounting pillars, and the housing. |
| Recommendation | To maintain the degree of protection, you must install suitable components with at least the same IP degree of protection in all openings. |
| Recommendation | Further information and detailed dimensions are available in the download area. |

## Product properties

| | |
|---|---|
| Product type | Complete housing |
| Housing type | Field housing |
| Housing type | Outdoor housings |
| Housing series | POS |
| Product family | POS..1614.. |
| Ventilation openings present | no |
| Battery compartment | no |

## Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 410 mm |
| Height | 455 mm |
| Depth | 228 mm |
| Hole diameter | 10 mm (Can be secured mechanically with the latch) |

## Material specifications

| | |
|---|---|
| Color (Housing) | light gray (RAL 7035) |
| Color (Housing cover) | transparent |
| Material Housing | PC (UV stabilized) |
| Material Seal | PUR |
| Material Mount | Stainless steel |
| Flammability rating according to UL 94 | V2 |

## Environmental and real-life conditions

### Glow-wire test

| | |
|---|---|
| Specification | IEC 60695-2-11:2014-02 |
| Temperature | 850 °C |

| | |
|---|---|
| Time of exposure | 30 s |

Degree of protection (IP code)

| | |
|---|---|
| Specification | IEC 60529:2001-02 |

Ambient conditions

| | |
|---|---|
| Degree of protection | IP66/IP68 (2 m / 24 h) |
| Max. NEMA code to attain | 6P |
| Impact strength | IK10 (at -35°C ... +40°C) |
| Ambient temperature (operation) | -40 °C ... 80 °C |

## PCB data

| | |
|---|---|
| Type of PCB mount | Bolt mounting |

## Mounting

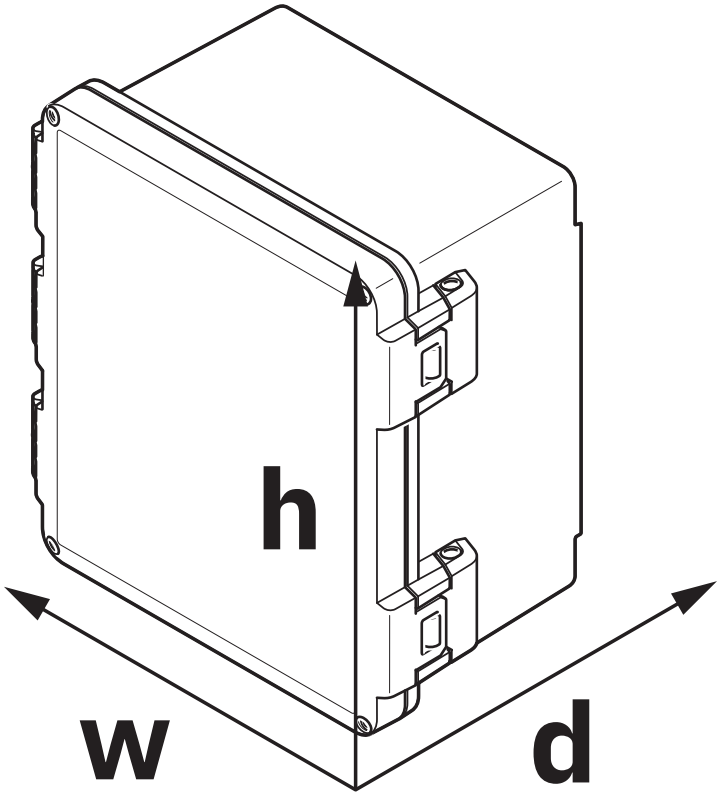
| | |
|---|---|
| Mounting type | Mast mounting (with POS POLEFIX..) |

## Packaging specifications

| | |
|---|---|
| Type of packaging | Box packaging |

## Drawings

Dimensional drawing




Schematic representation – for additional information, see product range drawing in the Download Center

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27190103 |
| ECLASS-15.0 | 27190103 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001031 |

## 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) |
| | Triphenyl phosphate(CAS: 115-86-6) |
| SCIP | e4377e58-b1b5-46aa-b47a-eb210a633e34 |

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