

# OCS HP 161408 TRANS - Outdoor housing



1557796

<https://www.phoenixcontact.com/pc/products/1557796>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Outdoor housing, color: light gray, dimensions: 429 x 410 x 228 mm (16" x 14" x 8"), incl. corner inlays, cover plugs, screws, cover: transparent, plastic latch, material: UV-stabilized polycarbonate

## Your advantages

- Internationally certified housing system
- Special plastic ensures safe continuous operation
- Provides protection against the ingress of jet water
- Withstands even heavy mechanical strain

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1557796       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | ACFDBA        |
| GTIN                                 | 4067923064539 |
| Weight per piece (excluding packing) | 4.86 kg       |
| Customs tariff number                | 84879090      |
| Country of origin                    | EE            |

# OCS HP 161408 TRANS - Outdoor housing



1557796

<https://www.phoenixcontact.com/pc/products/1557796>

## Technical data

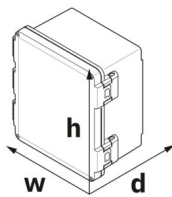
### Notes

|                    |                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                  |
| Order information: | Mounting feet, mounting plates, mounting panels, and the mount for mast mounting are available as accessories, but are not supplied as standard. |

### Product properties

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| Product type                 | Complete housing                                                |
| Housing type                 | Outdoor housing                                                 |
| Housing series               | OCS                                                             |
| Product family               | OCS..1614..                                                     |
| Type                         | Complete housing with transparent cover incl. mounting material |
| Ventilation openings present | no                                                              |
| Battery compartment          | no                                                              |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 410 mm                                                                               |
| Height              | 429 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                   |
| Flammability rating according to UL 94 | V2                    |
| Surface characteristics                | untreated             |

### Environmental and real-life conditions

# OCS HP 161408 TRANS - Outdoor housing



1557796

<https://www.phoenixcontact.com/pc/products/1557796>

## 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

|                                 |                           |
|---------------------------------|---------------------------|
| Max. IP code to attain          | IP69                      |
| 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 or panel mounting |
| Mounting position | any                             |

## Packaging specifications

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

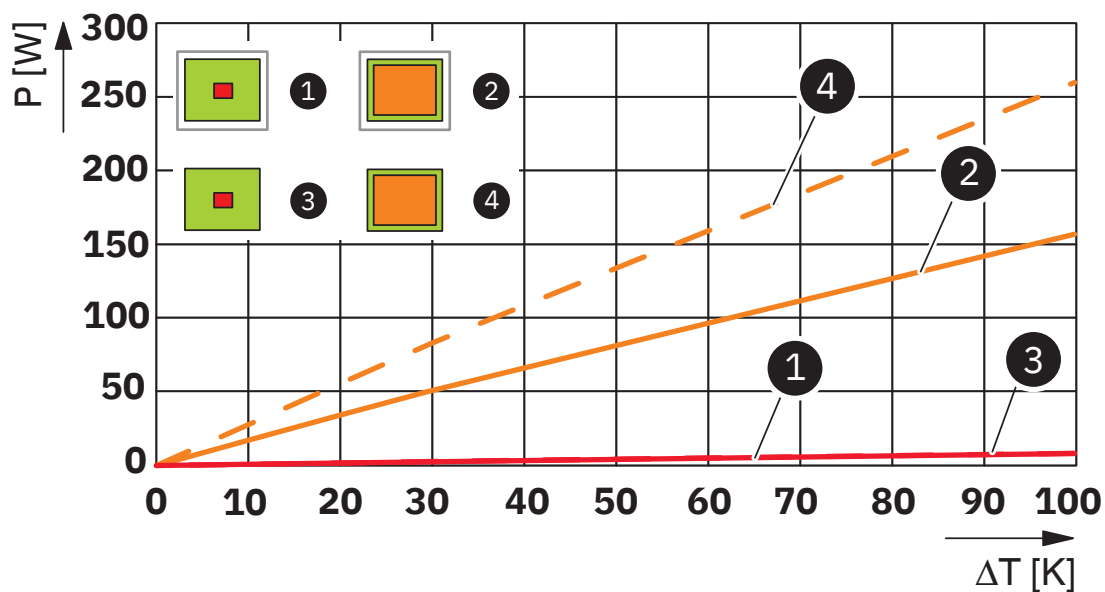
## Drawings

Dimensional drawing



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

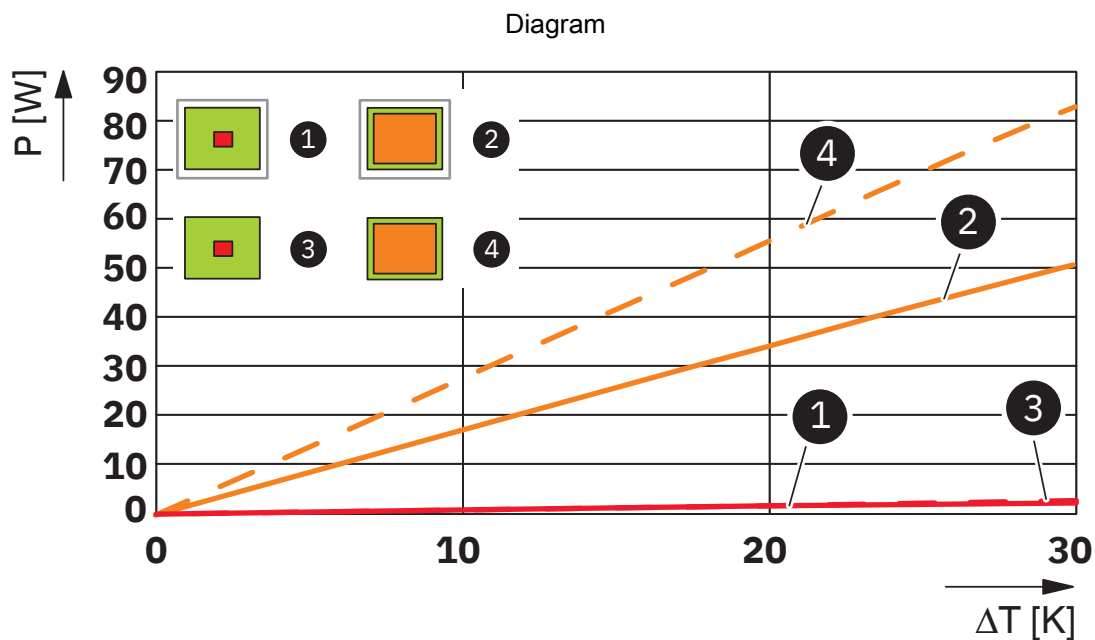
Diagram



Power dissipation diagram for 0 K ... 100 K

1557796

<https://www.phoenixcontact.com/pc/products/1557796>



Power dissipation diagram for 0 K ... 30 K

# OCS HP 161408 TRANS - Outdoor housing



1557796

<https://www.phoenixcontact.com/pc/products/1557796>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1557796>



**cULus Listed**

Approval ID: E255026-20221017

# OCS HP 161408 TRANS - Outdoor housing



1557796

<https://www.phoenixcontact.com/pc/products/1557796>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
| ECLASS-13.0 | 27190103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001031 |
|----------|----------|

# OCS HP 161408 TRANS - Outdoor housing



1557796

<https://www.phoenixcontact.com/pc/products/1557796>

## 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) |
|-------------------------------------|----------------------|

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

[info@phoenixcontact.com](mailto:info@phoenixcontact.com)