

# OCS HP 080604 GY7035 - Outdoor housing



1471770

<https://www.phoenixcontact.com/us/products/1471770>

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Outdoor housing, color: light gray, dimensions: 223 x 204 134 mm (8" x 6" x 4"), incl. corner inlays, cover plugs, screws, cover: light gray, plastic latch, material: PC UV-stabilized

The product photo shows an open outdoor housing

## Your advantages

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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1471770       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC04          |
| Product key                          | ACFDBA        |
| GTIN                                 | 4063151880842 |
| Weight per piece (including packing) | 1.167 kg      |
| Weight per piece (excluding packing) | 1.114 kg      |
| Customs tariff number                | 84879090      |
| Country of origin                    | EE            |

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## Technical data

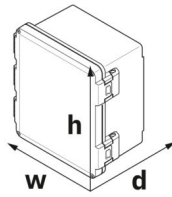
### Notes

|                    |  |
|--------------------|--|
| 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                 | Field housing    |
| Housing type                 | Outdoor housings |
| Housing series               | OCS              |
| Product family               | OCS..0806..      |
| Ventilation openings present | no               |
| Battery compartment          | no               |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 204 mm   |
| Height              | 223 mm   |
| Depth               | 134 mm   |
| Hole diameter       | 10 mm (Can be secured mechanically with the latch)                                   |

### Material specifications

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

### Environmental and real-life conditions

Glow-wire test

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|                  |                        |
|------------------|------------------------|
| 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

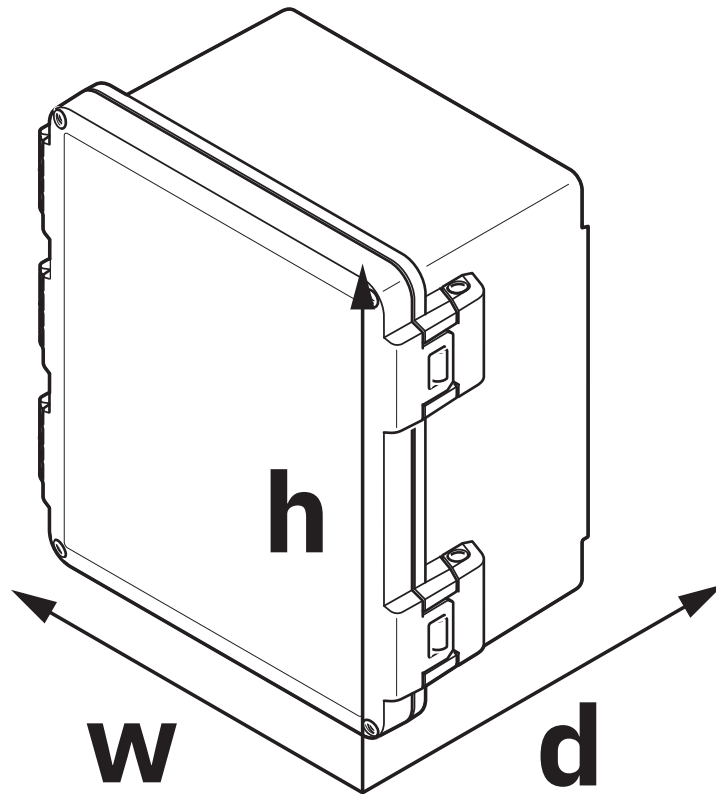
|                   |                                 |
|-------------------|---------------------------------|
| Mounting type     | Mast mounting or panel mounting |
| Mounting position | any                             |

## Packaging specifications

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

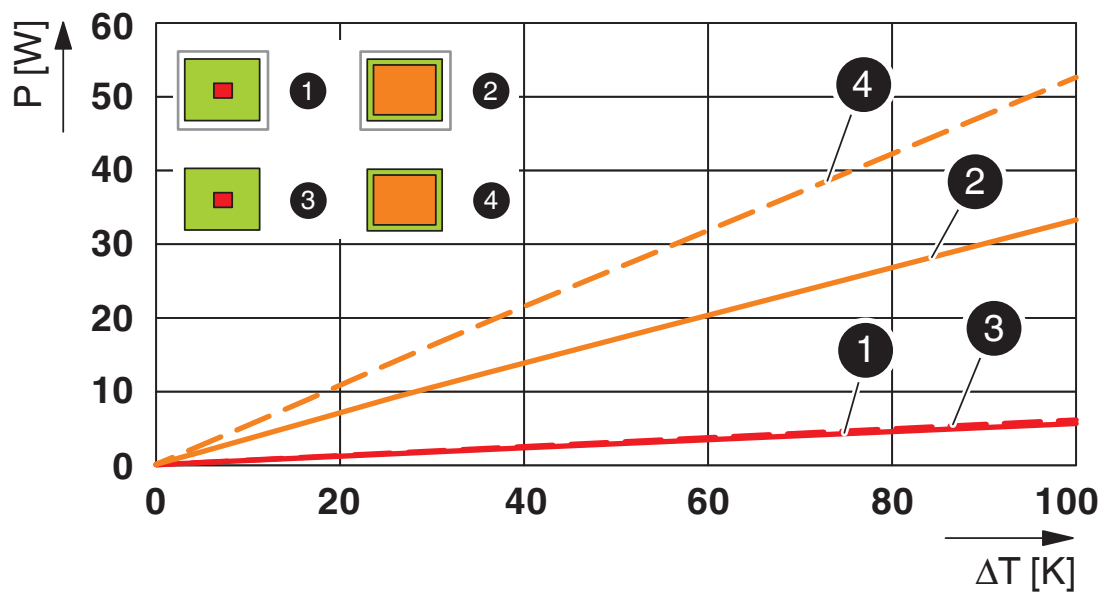
Drawings

Dimensional drawing

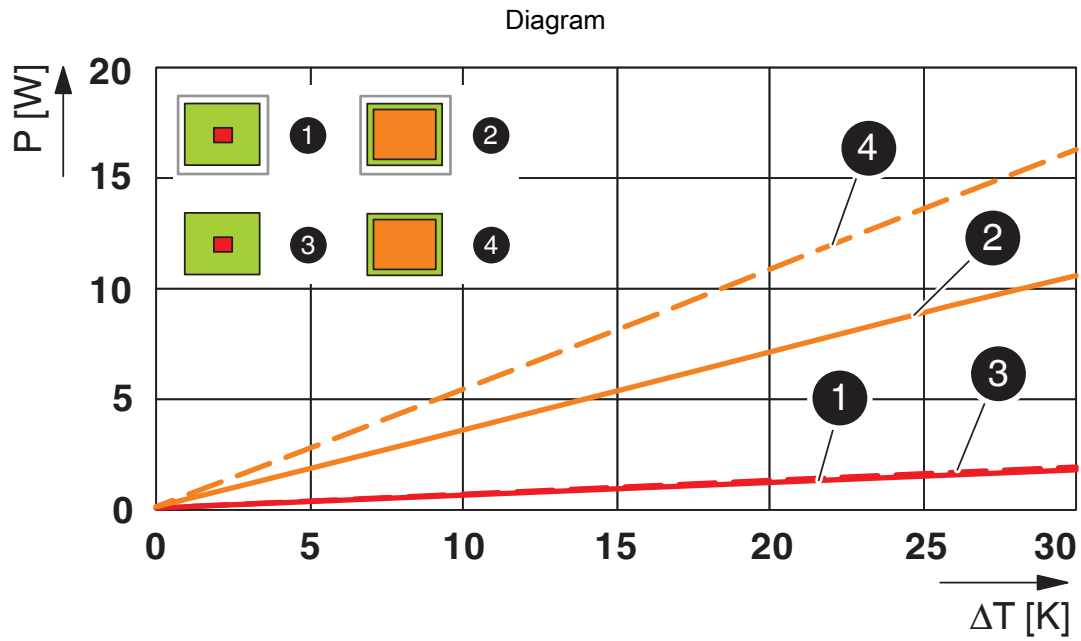


Schematic representation – for additional information, see product range drawing in the Download Center

Diagram



Power dissipation diagram for 0 K ... 100 K



Power dissipation diagram for 0 K ... 30 K

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1471770>



**cULus Listed**

Approval ID: E255026-20221017

**FI Cert**

Approval ID: FI/42054

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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## 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)                 |
| SCIP                                | 281289f1-a14a-4a3b-8af1-ea73c8d2d69a |

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