

# OCS HP 121006 TRANS - Electronic housing



1471776

<https://www.phoenixcontact.com/us/products/1471776>

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Outdoor housing, color: light gray, dimensions: 12" x 10" x 6", incl. corner inlays, cover plugs, screws, cover: transparent, plastic latch, material: PC UV-stabilized



## 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                          | 1471776       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC04          |
| Product key                          | ACFDBA        |
| GTIN                                 | 4063151877583 |
| Weight per piece (including packing) | 2.356 kg      |
| Weight per piece (excluding packing) | 2.24 kg       |
| Customs tariff number                | 84879090      |
| Country of origin                    | EE            |

## Technical data

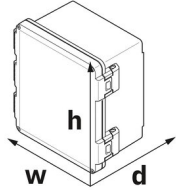
### Notes

|         |  |
|---------|--|
| General | Only use the screws provided to screw the components onto the corner inlays, the mounting pillars, and the housing.                              |
| General | To maintain the degree of protection, you must install suitable components with at least the same IP degree of protection in all openings.       |
| General | Further information and detailed dimensions are available in the download area.  |
| General | 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  |
| Type                         | Complete housing with transparent cover incl. mounting material |
| Housing type                 | Outdoor housing   |
| Ventilation openings present | no  |
| Housing series               | OCS   |
| Battery compartment          | no  |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 308 mm   |
| Height              | 326 mm   |
| Depth               | 185 mm   |
| Hole diameter       | 10 mm (Can be secured mechanically with the latch)                                   |

### Material specifications

|  |                           |
|--|---------------------------|
| Color (Housing cover)                  | transparent               |
| Flammability rating according to UL 94 | V2                        |
| Seal material                          | PUR                       |
| Insulating material                    | PC                        |
| Surface characteristics                | untreated                 |
| Impact strength                        | IK10 (at -35°C ... +40°C) |
| Housing material                       | PC UV-stabilized          |

### Environmental and real-life conditions

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## 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          |

## Mounting

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

## Packaging specifications

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

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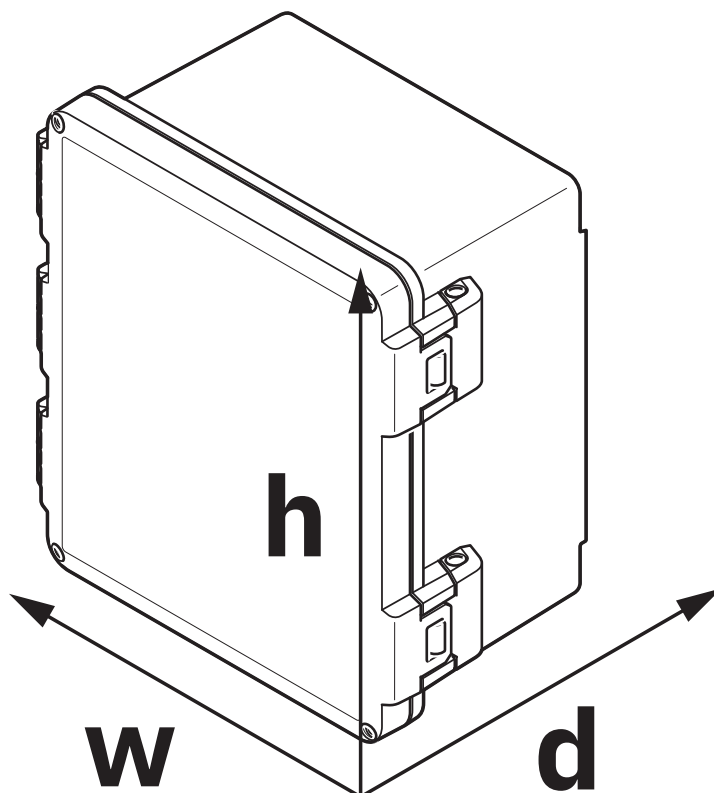
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## Drawings

Dimensional drawing



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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1471776>



**cULus Listed**

Approval ID: E255026-20221017

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## Classifications

### ECLASS

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

### ETIM

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

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## Environmental product compliance

REACH SVHC

Lead 7439-92-1

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## Mandatory accessories

### OCS CORNER SET - Corner attachment

1471789

<https://www.phoenixcontact.com/us/products/1471789>

Corner mount, set of 4 pieces incl. screws for all housing sizes, material: PC-ABS, color: light gray



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### OCS FOOT SET - Wall bracket

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<https://www.phoenixcontact.com/us/products/1471777>

Mounting foot, set of 4 pieces incl. screws for all housing sizes, material: polycarbonate, color: light gray





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## OCS MOUNT 1210 SET - Wall bracket

1471782

<https://www.phoenixcontact.com/us/products/1471782>

Mounting plate, set of 2 pieces incl. screws for housing size of 12" x 10", material: polycarbonate, color: light gray



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## OCS PANEL 1210 PC - Mounting panel

1471786

<https://www.phoenixcontact.com/us/products/1471786>

Mounting panel for housing size of 12" x 10", material: polycarbonate, color: white



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## OCS POLEFIX 1210 - Mounting material

1476926

<https://www.phoenixcontact.com/us/products/1476926>

Mount for mast  $\varnothing$  of 60 mm ... 140 mm, complete set for a housing of 12" x 10",  
material: steel



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## Accessories

### OCS CORNER SCREW SET - Screw set

1521845

<https://www.phoenixcontact.com/us/products/1521845>

Mounting screw, set of 4 pcs., for securing mounting panel or PCB to corner  
inlay, flat-head PH1 slot, UNF 10-32 fine thread, length: 10 mm, material:  
stainless steel



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## SF-PHSL 2-100 S-VDE - Screwdriver

1212698

<https://www.phoenixcontact.com/us/products/1212698>



Screwdriver, positive/negative PH slot, VDE insulated, size: PH 2 x 100, 2-component grip, with non-slip grip

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## SF-PH 2-100 - Screwdriver

1212560

<https://www.phoenixcontact.com/us/products/1212560>



Screwdriver, PH crosshead (lasered), uninsulated, size: PH 2 x 100, 2-component grip, with non-slip grip

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## A-INB-M12-69KN-P-LG - Pressure compensation element

1415222

<https://www.phoenixcontact.com/us/products/1415222>



Pressure compensation element, material for screw connection: PA, connecting thread: M12 x 1.5, color: light grey, with O-ring

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## A-INL-M12-P-LG - Counter nut

1417659

<https://www.phoenixcontact.com/us/products/1417659>



Counter nut, for threads M12 x 1.5, color: light grey

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## WT-STEEL SH 4,6X150 - Cable tie

3240820

<https://www.phoenixcontact.com/us/products/3240820>



Cable binders, made from rust-free stainless steel (AISI 316), suitable for the harshest of ambient conditions (for example, salt water), with ball lock, for quick and secure bundling and fastening

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## G-INS-M25-L68N-PNES-LG - Cable gland

1424472

<https://www.phoenixcontact.com/us/products/1424472>



Cable gland, material for screw connection: PA, external cable diameter 13 mm .  
.. 18 mm, shielding: no, connecting thread: M25 x 1.5, color: lightgrey RAL 7035

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<https://www.phoenixcontact.com/us/products/1471776>

## G-INS-M25-M68L-PEPDS-LG - Cable gland

1424516

<https://www.phoenixcontact.com/us/products/1424516>



Cable gland, material for screw connection: PA, external cable diameter 9 mm ...  
17 mm, shielding: no, connecting thread: M25 x 1.5, color: lightgrey RAL 7035

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## A-INL-M25-P-LG - Counter nut

1417661

<https://www.phoenixcontact.com/us/products/1417661>



Counter nut, for threads M25 x 1.5, color: light grey

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## A-INSP-M25-68N-P-LG - Screw plug

1424520

<https://www.phoenixcontact.com/us/products/1424520>

Screw plug, material for screw connection: PA, connecting thread: M25 x 1.5, color: lightgrey RAL 7035, with O-ring



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## G-INS-M40-M68N-PNES-LG - Cable gland

1417656

<https://www.phoenixcontact.com/us/products/1417656>

Cable gland, material for screw connection: PA, external cable diameter 19 mm .. 28 mm, shielding: no, connecting thread: M40 x 1.5, color: lightgrey RAL 7035



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## G-INB-M40-M68N-NEPDS-S - Cable gland

1415185

<https://www.phoenixcontact.com/us/products/1415185>



Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 16 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver, with bend protection sleeve, with O-ring

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## A-INL-M40-P-LG - Counter nut

1417664

<https://www.phoenixcontact.com/us/products/1417664>

Counter nut, for threads M40 x 1.5, color: light grey





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## A-INSP-M40-68N-P-LG - Screw plug

1424522

<https://www.phoenixcontact.com/us/products/1424522>

Screw plug, material for screw connection: PA, connecting thread: M40 x 1.5, color: lightgrey RAL 7035



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## VS-08-A-RJ45/LP-1-IP67 - Panel mounting frames

1689446

<https://www.phoenixcontact.com/us/products/1689446>

RJ45 panel mounting frame, IP67, for PCB connection, for square panel cutout, with grommet, without mounting screws, color: gray



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<https://www.phoenixcontact.com/us/products/1471776>

## VS-08-SD-F-BK - Protective cover

1658066

<https://www.phoenixcontact.com/us/products/1658066>

Protective cover, IP67, flat design, to cover the contact insert in the panel mounting frame, color: black



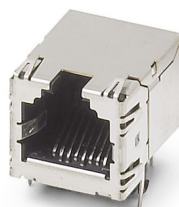
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## VS-08-BU-RJ45-6/LH-1 - RJ45 PCB connectors

1653087

<https://www.phoenixcontact.com/us/products/1653087>

RJ45 PCB connectors, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: THT wave, cable outlet: straight



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## CUC-V06-C1PGY-S/R4CE8:1 - RJ45 connector

1414383

<https://www.phoenixcontact.com/us/products/1414383>



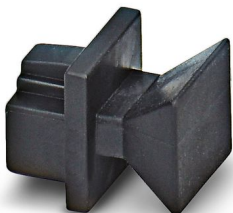
RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 8, 1 Gbps, CAT6, material: Plastic, connection method: Crimp connection, connection cross section: AWG 27- 24, cable outlet: straight, color: gray, Ethernet/PROFINET

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## FL RJ45 PROTECT CAP - Dust protection

2832991

<https://www.phoenixcontact.com/us/products/2832991>



Dust protection caps for RJ45 socket

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<https://www.phoenixcontact.com/us/products/1471776>

## PRC 5-FT25-MC6-150 - Device connector, rear mounting

1409213

<https://www.phoenixcontact.com/us/products/1409213>



Device connector, rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, max. conductor cross section: 6 mm<sup>2</sup>, rated voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Contact connection type: Pin, cable length: 150. This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

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## PRC COVER M - Protective cap

1409237

<https://www.phoenixcontact.com/us/products/1409237>



Protective cap, Range of articles: PRC 35, housing material: PPE, color: black, rated voltage: 1000. Suitable for connectors (MS)

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<https://www.phoenixcontact.com/us/products/1471776>

## PRC 5-FC-FS6 8-21 HR - Coupler connector

1017632

<https://www.phoenixcontact.com/us/products/1017632>



Coupler connector, Range of articles: PRC 35, design: Release with tool or by hand (see accessories), housing material: PPE, color: black, number of positions: 5, min. conductor cross section: 1.5 mm<sup>2</sup>, max. conductor cross section: 6 mm<sup>2</sup>, rated voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Contact connection type: Socket, min. cable diameter: 8 mm, max. cable diameter: 21 mm. Variant for manual release

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## FT NUT M25 GY - Nut

1049832

<https://www.phoenixcontact.com/us/products/1049832>



Nut, Range of articles: PRC 35, color: gray. NOTE: For indoor use only

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<https://www.phoenixcontact.com/us/products/1471776>

## PRC COVER F - Protective cap

1409236

<https://www.phoenixcontact.com/us/products/1409236>



Protective cap, Range of articles: PRC 35, housing material: PPE, color: black, rated voltage: 1000. Suitable for couplings (FS)

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## SPT 5/ 5-H-7,5-ZB - PCB terminal block

1719228

<https://www.phoenixcontact.com/us/products/1719228>



PCB terminal block, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of positions per row: 5, product range: SPT 5/..-H, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Zigzag pinning W, Solder pin [P]: 4.6 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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## PV-FT-C4M-C-6-130-RD-00 - Device connector front mounting

1158451

<https://www.phoenixcontact.com/us/products/1158451>



Device connector front mounting, Range of articles: Sunclix, housing material: PPE, color: black, number of positions: 1, rated voltage: 1500 V DC, Connection method: Crimp, Contact connection type: Pin

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## PV-FT-C4F-C-6-130-BU-00 - Device connector front mounting

1158448

<https://www.phoenixcontact.com/us/products/1158448>



Device connector front mounting, Range of articles: Sunclix, housing material: PPE, color: black, number of positions: 1, rated voltage: 1500 V DC, Connection method: Crimp, Contact connection type: Socket

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## SPT 5/ 1-H-7,5 - PCB terminal block

1719189

<https://www.phoenixcontact.com/us/products/1719189>



PCB terminal block, nominal current: 41 A, rated voltage (III/2): 630 V, nominal cross section: 6 mm<sup>2</sup>, number of potentials: 1, number of rows: 1, number of positions per row: 1, product range: SPT 5/..-H, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 4.6 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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## PV-C PROTECTION CAP - Protective cap

1785430

<https://www.phoenixcontact.com/us/products/1785430>

Protective cap, Range of articles: Sunclix, color: black. self-sealing, without interlock, set consisting of: 1 protective cap for connector side and 1 protective cap for coupling side





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## PV-FT-C COLLAR NUT BK - Screw connection

1083475

<https://www.phoenixcontact.com/us/products/1083475>



Screw connection, Range of articles: Sunclix

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## TOOL-KIT SOLAR - Tool set

1212071

<https://www.phoenixcontact.com/us/products/1212071>



**Tool case**, equipped with: crimping pliers, pressing dies for MC3, MC4 and SOLARLOK connectors, stripping tool for commercially available solar cables, stripping tool for SUNCLIX, VDE cable cutter, VDE screwdriver: PH1, PH2, 0.6x3.5 and 0.8x4.0 slots.

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