

Electronic housing - OCS HP 100806 TRANS



1471774

<https://www.phoenixcontact.com/us/products/1471774>

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Outdoor housing, color: light gray, dimensions: 10" x 8" 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 | 1471774 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales Key | A13 |
| Product Key | ACFDBA |
| GTIN | 4063151880729 |
| Weight per Piece (excluding packing) | 1.759 kg |
| Customs tariff number | 85389099 |
| Country of origin | EE |

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Technical Data

Notes

| | |
|-----------------------|--|
| Assembly instruction: | 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, 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

| | |
|---------------|--|
| Width | 257 mm |
| Height | 276 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

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

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| | |
|---------------------------------|---------------------------|
| 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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Approvals



cULus Listed

Approval ID: E255026-20221017

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
|-------------|----------|

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Accessories

Wall bracket

Wall bracket - OCS FOOT SET - 1471777

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

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



Wall bracket

Wall bracket - OCS MOUNT 1008 SET - 1471781

<https://www.phoenixcontact.com/us/products/1471781>

Mounting plate, set of 2 pieces incl. screws for housing size of 10" x 8", material: polycarbonate, color: light gray



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Mounting plate

Mounting plate - OCS PANEL 1008 PC - 1471785

<https://www.phoenixcontact.com/us/products/1471785>

Mounting plate for housing size of 10" x 8", material: polycarbonate, color: white

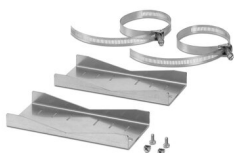


Mounting material

Mounting material - OCS POLEFIX 1008 - 1476924

<https://www.phoenixcontact.com/us/products/1476924>

Mount for mast \varnothing of 60 mm ... 140 mm, complete set for a housing of 10" x 8", material: steel



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Pressure compensation element

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

Counter nut

Counter nut - A-INL-M12-P-LG - 1417659

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



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

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Cable tie

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

Cable gland

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

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

Counter nut

Counter nut - A-INL-M25-P-LG - 1417661

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



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

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Screw plug

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



Cable gland

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

Cable gland - G-INB-M40-M68N-NEPDS-S - 1415185

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



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

Counter nut

Counter nut - A-INL-M40-P-LG - 1417664

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



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

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Screw plug

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



Panel mounting frames

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

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



RJ45 PCB connectors

RJ45 PCB connectors - VS-08-BU-RJ45-6/LH-1 - 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: Wave soldering contacts



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RJ45 connector

RJ45 connector - CUC-V06-C1PGY-S/R4CE8:1 - 1414383

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

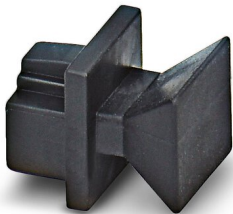


RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 8, 1 Gbps, CAT6, material: Plastic, connection method: Crimp connection, connection cross section: AWG 27- 24, cable outlet: straight, color: gray, Ethernet/PROFINET

Dust protection

Dust protection - FL RJ45 PROTECT CAP - 2832991

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



Dust protection caps for RJ45 socket

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Device connector, rear mounting

Device connector, rear mounting - PRC 5-FT25-MC6-150 - 1409213

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



Panel feed-through, Range of articles: PRC 35, Device connector, rear mounting, housing material: PPE, color: black, number of positions: 5, max. conductor cross section: 6 mm², rated voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Type of contact: Pin, cable length: 150. This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

Protective cap

Protective cap - PRC COVER M - 1409237

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



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

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Coupler connector

Coupler connector - PRC 5-FC-FS6 8-21 HR - 1017632

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



Installation connector, Range of articles: PRC 35, Coupler connector, design: Release with tool or by hand (see accessories), housing material: PPE, color: black, number of positions: 5, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², rated voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Type of contact: Socket, min. cable diameter: 8 mm, max. cable diameter: 21 mm. Variant for manual release

Nut

Nut - FT NUT M25 GY - 1049832

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



Panel feed-through, Range of articles: PRC 35, Nut, color: gray

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Protective cap

Protective cap - PRC COVER F - 1409236

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



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

PCB terminal block

PCB terminal block - SPT 5/ 5-H-7,5-ZB - 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 mm², 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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Device connector front mounting

Device connector front mounting - PV-FT-C4M-C-6-130-RD-00 - 1158451

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



Panel feed-through, Range of articles: Sunclix, Device connector front mounting, housing material: PPE, color: black, number of positions: 1, rated voltage: 1500 V DC, Connection method: Crimp, Type of contact: Pin

Device connector front mounting

Device connector front mounting - PV-FT-C4F-C-6-130-BU-00 - 1158448

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



Panel feed-through, Range of articles: Sunclix, Device connector front mounting, housing material: PPE, color: black, number of positions: 1, rated voltage: 1500 V DC, Connection method: Crimp, Type of contact: Socket

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PCB terminal block

PCB terminal block - SPT 5/ 1-H-7,5 - 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 mm², 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

Protective cap

Protective cap - PV-C PROTECTION CAP - 1785430

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



Photovoltaic connector, Range of articles: Sunclix, Protective cap, 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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Screw connection

Screw connection - PV-FT-C COLLAR NUT BK - 1083475

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

Panel feed-through, Range of articles: Sunclix, Screw connection



Tool set

Tool set - TOOL-KIT SOLAR - 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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com