Electronic housing - OCS HP 121006 GY7035

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Outdoor housing, color: light gray, dimensions: 12" x 10" x 6", incl. corner inlays, cover plugs, screws, cover: light gray, 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	1471775
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	A13
Product Key	ACFDBA
GTIN	4063151880521
Weight per Piece (excluding packing)	2.242 kg
Customs tariff number	85389099
Country of origin	EE

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	Opaque complete housing including mounting material
Housing type	Outdoor housing
Ventilation openings present	no
Housing series	OCS
Battery compartment	no

Dimensions

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

Material specifications

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

Max. IP code to attain	IP69

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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

Approvals

	cULus Listed
	Approval ID: E255026-20221017

Classifications

ECLASS

ECLASS-11.0	27182702

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 1210 SET - 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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Mounting plate

Mounting plate - OCS PANEL 1210 PC - 1471786

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

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

Mounting material

Mounting material - OCS POLEFIX 1210 - 1476926

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

Mount for mast Ø of 60 mm ... 140 mm, complete set for a housing of 12" x 10", material: steel
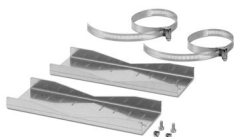
Pressure compensation element

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

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

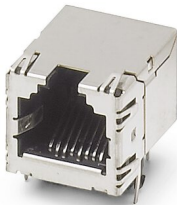RJ45 PCB connectors - VS-08-BU-RJ45-6/LH-1 - 1653087

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
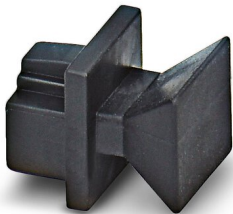
Dust protection caps for RJ45 socket

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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 mm^2, 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 mm^2, max. conductor cross section: 6 mm^2, 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 mm^2, 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

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

Electronic housing - OCS HP 121006 GY7035

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https://www.phoenixcontact.com/us/products/1471775

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 mm^2, 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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https://www.phoenixcontact.com/us/products/1471775

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.