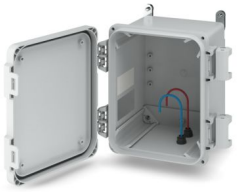
POS HP 100806 GY7035 - Outdoor housing

1586885

https://www.phoenixcontact.com/in/products/1586885

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The product photo shows an open outdoor housing

Outdoor housing, color: light gray, dimensions: 292 mm x 257 mm x 185 mm, with panel feed-through for PV connectors and pre-assembled holder, including corner inlays, cover plugs, screws, cover: light gray, plastic latch, material: UV-stabilized polycarbonate

Your advantages

- Resistance to corrosion
- Different housing sizes can be combined with one holder
- Simple 1-person installation of the entire system
- Complete system except own electronics
- Simple supply chain

Commercial data

Item number	1586885
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ACFDCA
GTIN	4067923143036
Weight per piece (excluding packing)	2.39 kg
Country of origin	DE

Set consists of

PV-FT-C4F-C-4-300-BU-64 - Device connector front mounting

1158452

https://www.phoenixcontact.com/in/products/1158452



Device connector front mounting, Range of articles: SUNCLIX, color: black, number of positions: 1, rated voltage: 1500 V DC, rated current: 32 A, Connection method: Crimp, cable length: 300

PV-FT-C4M-C-4-300-RD-64 - Device connector front mounting

1158453

https://www.phoenixcontact.com/in/products/1158453



Device connector front mounting, Range of articles: SUNCLIX, color: black, number of positions: 1, rated voltage: 1500 V DC, rated current: 32 A, Connection method: Crimp, cable length: 300

Technical data

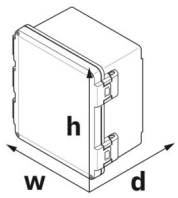
Notes

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.

Product properties

Product type	Complete housing
Housing type	Field housing
Housing type	Outdoor housings
Housing series	POS
Product family	POS..1008..
Ventilation openings present	no
Battery compartment	no

Dimensions

Dimensional drawing	
Width	257 mm
Height	292 mm
Depth	185 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
Material Mount	Stainless steel
Flammability rating according to UL 94	V2

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

Degree of protection	IP66/IP68 (2 m / 24 h)
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

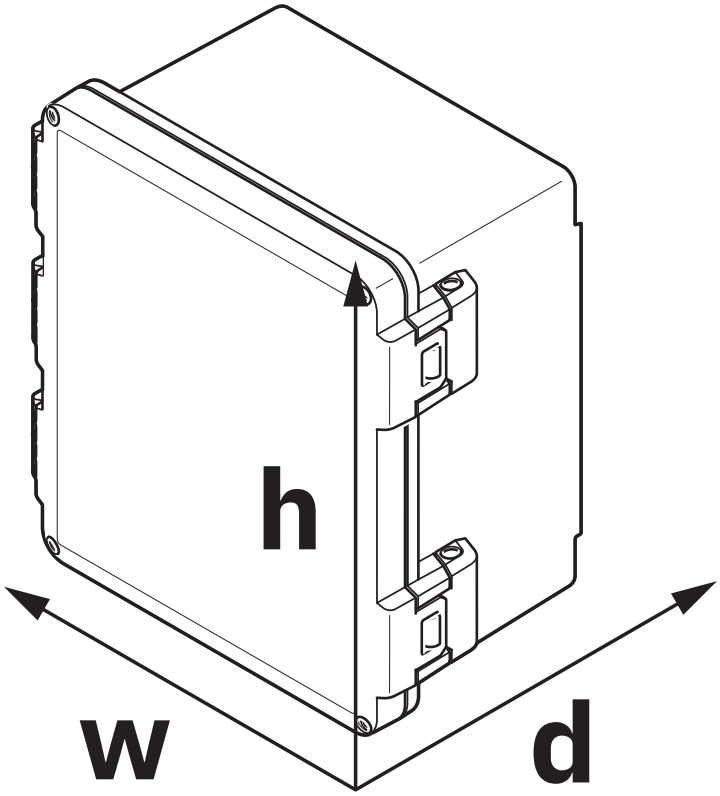
Mounting type	Mast mounting (with POS POLEFIX..)

Packaging specifications

Type of packaging	Box packaging

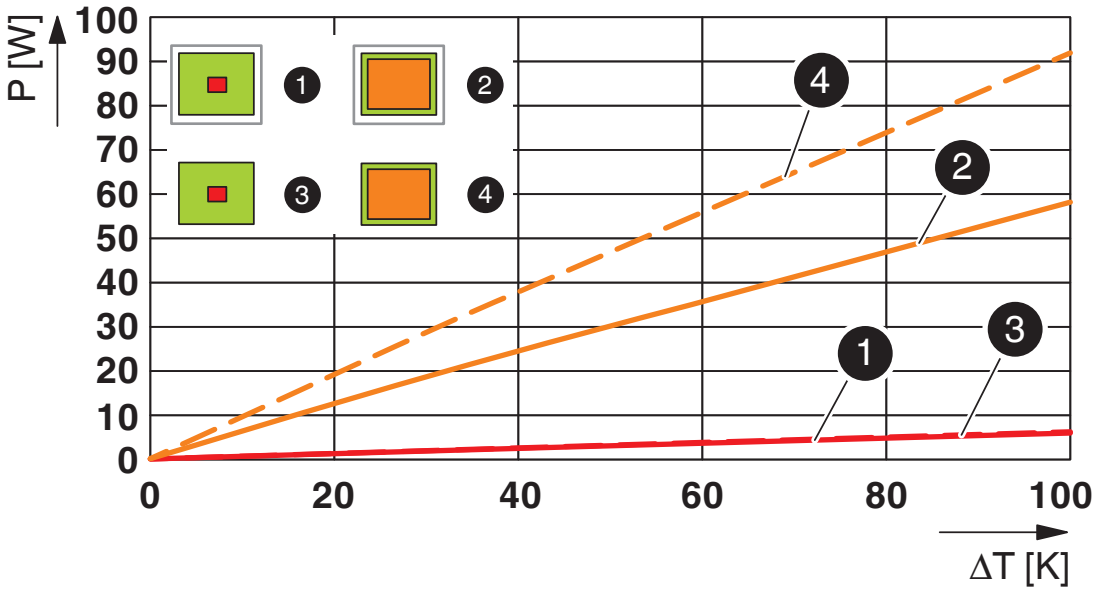
Drawings

Dimensional drawing



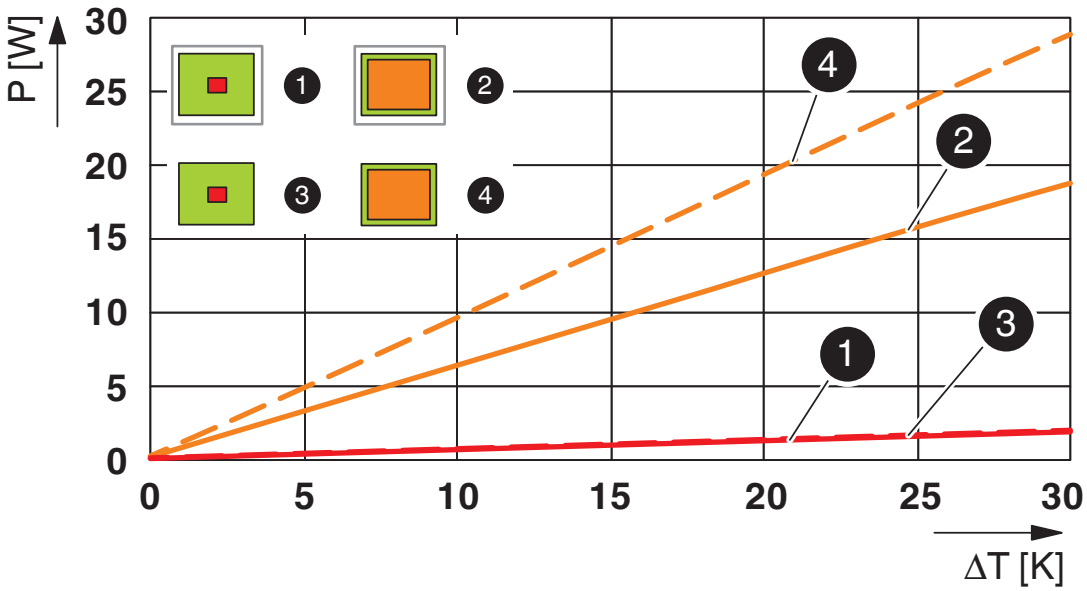
Schematic representation – for additional information, see product range drawing in the Download Center

Diagram



Power dissipation diagram for 0 K ... 100 K

Diagram



Power dissipation diagram for 0 K ... 30 K

Classifications

ECLASS

ECLASS-13.0	27190103
ECLASS-15.0	27190103

ETIM

ETIM 10.0	EC001031

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)
	Triphenyl phosphate(CAS: 115-86-6)
SCIP	d08b1811-0a84-42fd-aeb2-0fc6088fed32

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