

ECS-SKT-122X169-S-UV-9005 - Electronics housing



1457013

<https://www.phoenixcontact.com/in/products/1457013>

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Empty enclosure for wall or mast mounting, black (9005), modular electronics housing with front plate, for outdoor applications, degree of protection: IP66/IP67/IP69, width: 164 mm, height: 180 mm, depth: 64 mm, PCB surface: 13160 mm²

Your advantages

- Housing design supports the installation of a range of PCB thicknesses for high application diversity
- Integrated pressure compensation membrane for fluctuating ambient pressures
- Optional accessories for wall and mast mounting
- Proven PCB connection technology
- Integrated tamper protection
- Effective protection of electronics against thermal and mechanical influences
- Suitable for outdoor/indoor applications

Commercial data

Item number	1457013
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ACFDAK
GTIN	4063151854577
Weight per piece (including packing)	436.9 g
Weight per piece (excluding packing)	222.22 g
Country of origin	DE

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Technical data

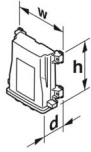
Notes

Assembly instruction:	Please observe the assembly instructions available in the download area.
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Product properties

Product type	Stackable housing set
Housing type	Outdoor housing
Housing series	ECS
Product family	ECS..122X..S..
Type	Screw locking mechanism
Ventilation	integrated pressure compensation membrane

Dimensions

Dimensional drawing	
Width	163.8 mm
Height	179.8 mm
Depth	62.1 mm

PCB design

PCB thickness	1.57 mm ... 2.36 mm
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Material specifications

Color (Housing)	black (RAL 9005)
Flammability rating according to UL 94	V0
Housing material	PC (polycarbonate)
Impact strength	IK08

Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	19 W

Ambient conditions

Max. NEMA code to attain	6
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

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Ambient temperature (storage/transport)	-40 °C ... 100 °C
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PCB data

Number of PCB holders	1
Type of PCB mount	Bolt mounting
Thickness of the PCB	1.57 mm ... 2.36 mm

Mounting

Mounting type	Wall or panel mount. Pole mount with accessory.
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Packaging specifications

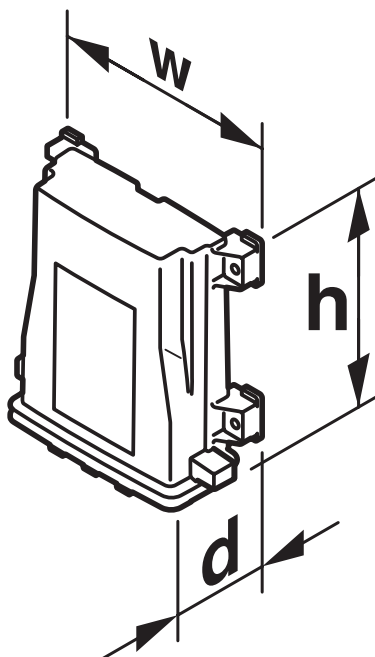
Type of packaging	packed in cardboard
Outer packaging type	Carton

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Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190303

ETIM

ETIM 9.0	EC001031
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in