

# ECS-KIT-122X109-S-UV-7042 - Electronics housing



1311021

<https://www.phoenixcontact.com/us/products/1311021>

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Empty enclosure for wall or mast mounting, gray (7042), modular electronics housing with front plate, for outdoor applications, degree of protection: IP66/IP67/IP68/IP69, width: 164 mm, height: 120 mm, depth: 64 mm, PCB surface: 7330 mm<sup>2</sup>

## 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	1311021
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC04
Product key	ACFDAK
GTIN	4063151588731
Weight per piece (including packing)	334.8 g
Weight per piece (excluding packing)	334.8 g
Customs tariff number	84879090
Country of origin	US

## Technical data

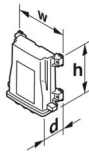
### Notes

Assembly note	Please observe the assembly instructions available in the download area.
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### Product properties

Product type	Stackable housing set
Housing type	Field housing
Housing type	Outdoor housings
Housing series	ECS
Ventilation openings present	no
Battery compartment	no
Ventilation	integrated pressure compensation membrane

### Dimensions

Dimensional drawing	
Width	163.8 mm
Height	119.9 mm
Depth	62.1 mm

### PCB design

PCB thickness	1.57 mm ... 2.36 mm
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### Material specifications

Color (Housing)	gray (RAL 7042)
Material Housing	PC
Flammability rating according to UL 94	V0

### 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

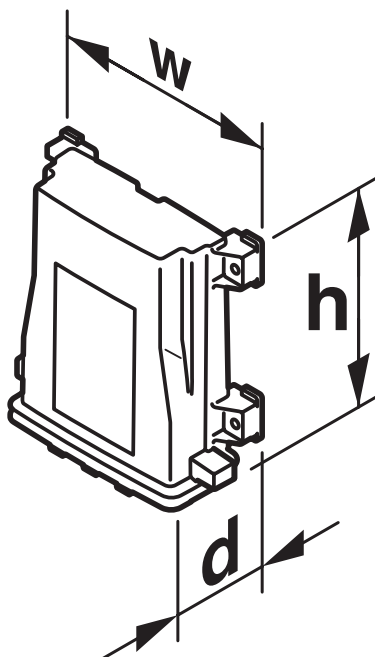
Type of packaging	packed in cardboard
Outer packaging type	Carton

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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-13.0	27190103
ECLASS-15.0	27190103

### ETIM

ETIM 10.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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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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