

# ECS-P-122X169-S-UV-1M12 GY - Front plate



1050381

<https://www.phoenixcontact.com/us/products/1050381>

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Screw locking one female M12-SPEEDCON faceplate of the ECS Family. IP66/67/69 rated when mated with associated enclosure. Color: Grey (7042), Width: 163 mm, Height: 30 mm, Depth: 62 mm



## Your advantages

- Housing design supports the installation of a range of PCB thicknesses for high application diversity
- 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	1050381
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AC04
Product key	ACFDAB
GTIN	4055626666228
Weight per piece (including packing)	123.32 g
Weight per piece (excluding packing)	122.98 g
Customs tariff number	84879090
Country of origin	US

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## Technical data

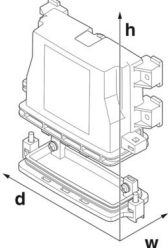
### Notes

General	Refer to the data sheet for the range in the download area.
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### Product properties

Product type	Front plate
Housing series	ECS
Housing type	outdoor housings

### Dimensions

Dimensional drawing	
Width	163 mm
Height	30 mm
Depth	62 mm

### PCB design

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

Color (Housing)	gray (RAL 7042)
Flammability rating according to UL 94	V0
Surface characteristics	untreated
Impact strength	IK08
Housing material	PC (polycarbonate)

### Environmental and real-life conditions

#### Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 2000 - 10 Hz
Sweep speed	1 octave/min
Acceleration	15g (61.6 Hz ... 2000 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

#### Glow-wire test

Specification	IEC 60695-2-11:2014-02
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Temperature	850 °C
Time of exposure	30 s

## Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

## Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	50g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Test duration	96 h

## Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
Result	Test passed

## Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP66/IP68 (2 m/24 h)

## Ambient conditions

Degree of protection	IP66/IP67
Max. NEMA code to attain	6
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °C

## PCB data

Number of PCB holders	1
Thickness of the PCB	1.57 mm ... 2.36 mm

## Mounting

Mounting type	Screw locking mechanism
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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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