

# ECS-P-122X169-S-UV1-1RJ45 - Front plate



1143761

<https://www.phoenixcontact.com/us/products/1143761>

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ECS family faceplate, ready for integration of one VARIOSUB RJ45 VS-08 connector, screw locking, rated IP66/67/69 when combined with ECS housing, Color: Black (9005), 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

## Commercial data

Item number	1143761
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AC04
Product key	ACFDAB
GTIN	4063151103668
Weight per piece (including packing)	110.54 g
Weight per piece (excluding packing)	110 g
Customs tariff number	84879090
Country of origin	US

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## Technical data

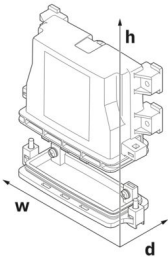
### Notes

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

Product type	Front plate
Housing type	Outdoor housing
Housing series	ECS
Product family	ECS..122X..S..

### 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)	black (RAL 9005)
Flammability rating according to UL 94	V0
Housing material	PC (polycarbonate)
Surface characteristics	untreated

### 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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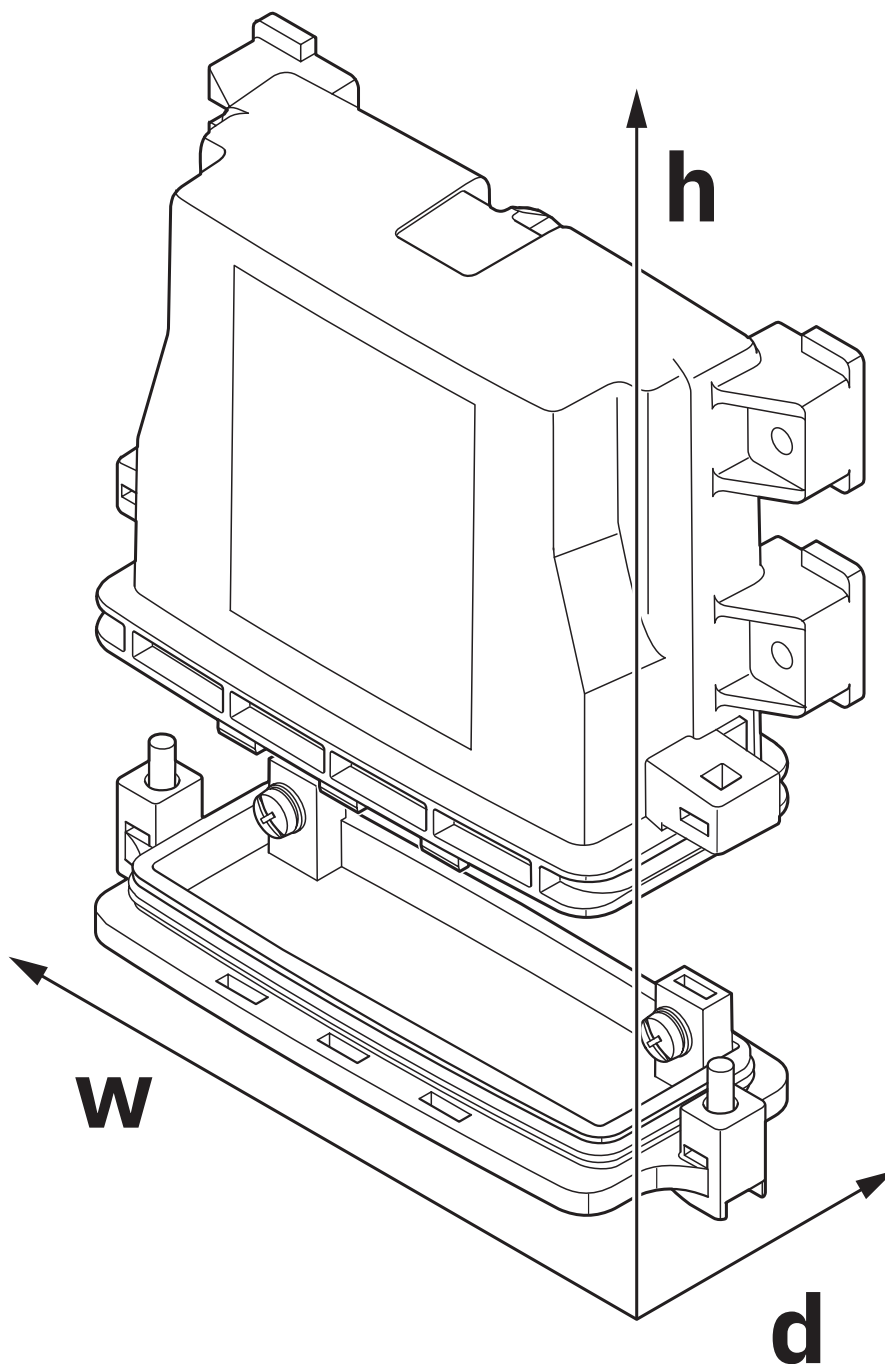
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1143761

<https://www.phoenixcontact.com/us/products/1143761>

## 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	27190603

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Mandatory accessories

### ECS-B-122X169-S-UV1-V - Electronics housing

2230002

<https://www.phoenixcontact.com/us/products/2230002>



Screw locking vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 164 mm, Height: 176 mm, Depth: 64 mm

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### ECS-B-122X169-S-UV1-NV - Electronics housing

2230003

<https://www.phoenixcontact.com/us/products/2230003>



Screw locking non-vented enclosure of the ECS family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 164 mm, Height: 176 mm, Depth: 64 mm

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## ECS-B-122X109-S-UV1-V - Electronics housing

1054710

<https://www.phoenixcontact.com/us/products/1054710>



Screw locking vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 164 mm, Height: 116 mm, Depth: 64 mm

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## ECS-B-122X109-S-UV1-NV - Electronics housing

1054711

<https://www.phoenixcontact.com/us/products/1054711>



Screw locking non-vented enclosure of the ECS family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 164 mm, Height: 116 mm, Depth: 64 mm

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## Accessories

# ECS-P-122X169-S-UV1-1RJ45 - Front plate



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## SF-TXH 20X100 - Screwdriver

1200151

<https://www.phoenixcontact.com/us/products/1200151>



Screwdriver, Torx® with bore hole, TX 20 x 100, two-component handle

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## SZF 1-0,6X3,5 - Screwdriver

1204517

<https://www.phoenixcontact.com/us/products/1204517>



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip



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## WT-STEEL SH 4,6X150 - Cable tie

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

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## HS LC-V-T-D4X5,2S-45 - Fiber optic

1082300

<https://www.phoenixcontact.com/us/products/1082300>



Vertical 4 mm light guide, transparent, with spherical 5.2 mm raised head, assembly for wall thicknesses from 1 mm, made of polycarbonate (UL 94-V0), installation length 45 mm, watertight, IP68 (EN 50529)

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## HS LC-F-T6X3-150 - Fiber optic

1082301

<https://www.phoenixcontact.com/us/products/1082301>



Flexible light guide, transparent, 3 mm made of PUR with 6 mm lens made of crystal-clear PMMA and 6 x 6 mm LED housing, made of black PC, UL 94 HB, length: 150 mm unmounted, for SMD TOPLEDs

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## HS LCA-RGB-10X5-L - Signal light

1082299

<https://www.phoenixcontact.com/us/products/1082299>



10 mm signal light with SMD-LED 5 mm (color: RGB) for assembly on wall thicknesses from 1.5 mm. Black housing made of polycarbonate (UL 94-V0) with four 94 mm tin-plated free wire ends, watertight IP68 (EN 60529)

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## ECS-BL - Safety clip

2230012

<https://www.phoenixcontact.com/us/products/2230012>

PCB safety clip



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## ECS-PM - Mounting bracket

2230013

<https://www.phoenixcontact.com/us/products/2230013>

Mounting set for mast mounting



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## ECS-PCB - PCB

1004300

<https://www.phoenixcontact.com/us/products/1004300>

Printed-circuit board



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## VS-08-A-RJ45/LP-1-IP67-BK - Panel-mount frame

1658655

<https://www.phoenixcontact.com/us/products/1658655>



RJ45 panel mounting frame, IP67, for PCB connection, for square panel cutout, with grommet, without mounting screws, color: black

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### VS-08-SD-F-BK - Protective cover

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



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

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: THT wave, cable outlet: straight

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## CUC-V06-C1PBK-S/R4CE8:1 - RJ45 connector

1414408

<https://www.phoenixcontact.com/us/products/1414408>



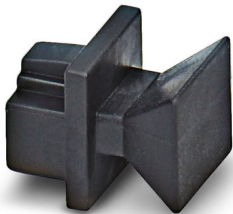
RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 8, 1 Gbps, CAT6, material: Plastic, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black, Ethernet/PROFINET

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## FL RJ45 PROTECT CAP - Dust protection

2832991

<https://www.phoenixcontact.com/us/products/2832991>



Dust protection caps for RJ45 socket

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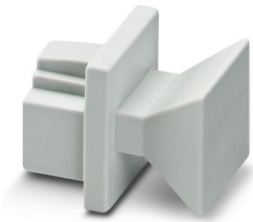


## FL RJ45 PROTECT CAP GY - Dust protection

1065531

<https://www.phoenixcontact.com/us/products/1065531>

Dust protection caps for RJ45 socket



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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)