

ECS-P-122X169-S-UV1-VC4AML2/6 - Front plate



1143770

<https://www.phoenixcontact.com/us/products/1143770>

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ECS family faceplate, ready for integration of one modular rectangular connector Variocon VC4, 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	1143770
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AC04
Product key	ACFDAB
GTIN	4063151129774
Weight per piece (including packing)	105.76 g
Weight per piece (excluding packing)	56 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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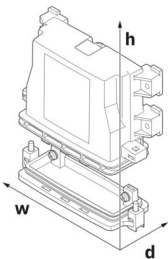
Product properties

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

Data management status

Article revision	01
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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

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Glow-wire test

Specification	IEC 60695-2-11:2014-02
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

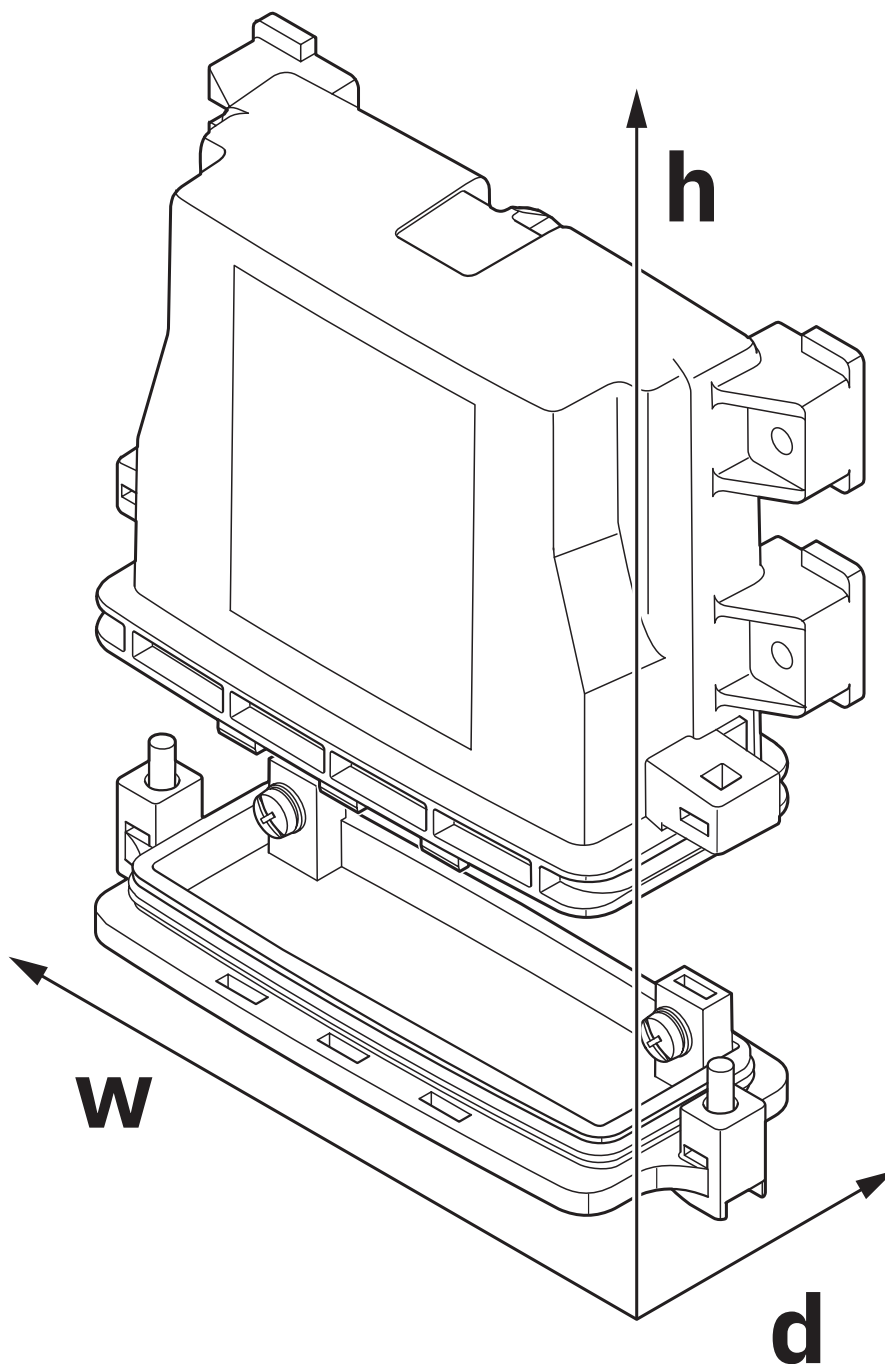
Number of PCB holders	1
Thickness of the PCB	1.57 mm ... 2.36 mm

Mounting

Mounting type	Screw locking mechanism
Thread type	()

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	EC002779
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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

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

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

Accessories

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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

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

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

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



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



VC-AR4/5M - Panel-mount frame

1853007

<https://www.phoenixcontact.com/us/products/1853007>



Panel-mount frame, Range of articles: VARIOCON, design: VC4, housing material: Polyamide, 2 x 1852862 VC-AF for each connector

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VC-AF - Panel-mount flange

1852862

<https://www.phoenixcontact.com/us/products/1852862>

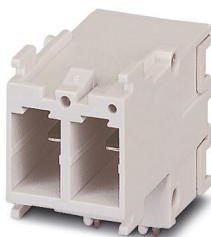


Panel mounting flange for screw locking, for mounting contact insert modules, for a panel thickness of 1 - 5 mm

VC-AML 2 - Contact insert

1852859

<https://www.phoenixcontact.com/us/products/1852859>



Contact insert, Range of articles: VARIOCON, housing material: Polyamide, color: light grey, number of positions: 2, rated voltage: 400, rated current: 20 A, Connection method: PCB connection, Contact connection type: Pin, Connectors may only be connected/disconnected when under no load.

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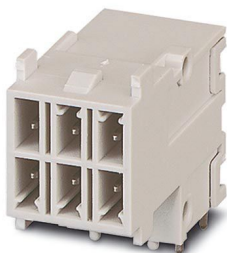
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VC-AML 6 - Contact insert

1853531

<https://www.phoenixcontact.com/us/products/1853531>



Contact insert, Range of articles: VARIOCON, housing material: Polyamide, color: light grey, number of positions: 6, rated voltage: 250, rated current: 10 A, Connection method: PCB connection, Contact connection type: Pin, Connectors may only be connected/disconnected when under no load.

VC-TR4/5M-PEA-S22222-SET - Contact insert set

1607178

<https://www.phoenixcontact.com/us/products/1607178>



Contact insert set for sleeve side, sleeve frame with PE, 4 fixing screws, 2-pos. contact inserts preassembled, 6 coding profiles

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VC-K-T4-R-M25 - Sleeve housing

1855133

<https://www.phoenixcontact.com/us/products/1855133>



Sleeve housing, Range of articles: VARIOCON, design: VC4, housing material: Polyamide, color: gray, When using fiber optics, the bending radii of the cable manufacturers must be observed.

A-INL-M25-P-LG - Counter nut

1417661

<https://www.phoenixcontact.com/us/products/1417661>

Counter nut, for threads M25 x 1.5, color: light gray



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