ECS-P-122X169-L-UV1-1M12 - Front plate

PHŒNIX CONTACT

2230005

https://www.phoenixcontact.com/us/products/2230005

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Snap-in locking one female M12-SPEEDCON faceplate of the ECS Family. IP66/67/69 rated when mated with associated enclosure. Color: Black (9005), Width: 196 mm, Height: 34 mm, Depth: 62

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

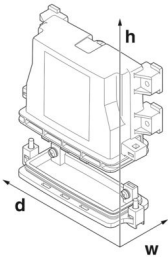|	
Item number	2230005
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AC04
Product key	ACFDAB
GTIN	4055626381404
Weight per piece (including packing)	125.88 g
Weight per piece (excluding packing)	125.88 g
Customs tariff number	84879090
Country of origin	US

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Technical data

Notes

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

Product properties

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

Dimensions

Dimensional drawing	

Width	196 mm
Height	34 mm
Depth	62 mm

PCB design

PCB thickness	1.57 mm ... 2.36 mm

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

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	Mechanical latch to base

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Drawings

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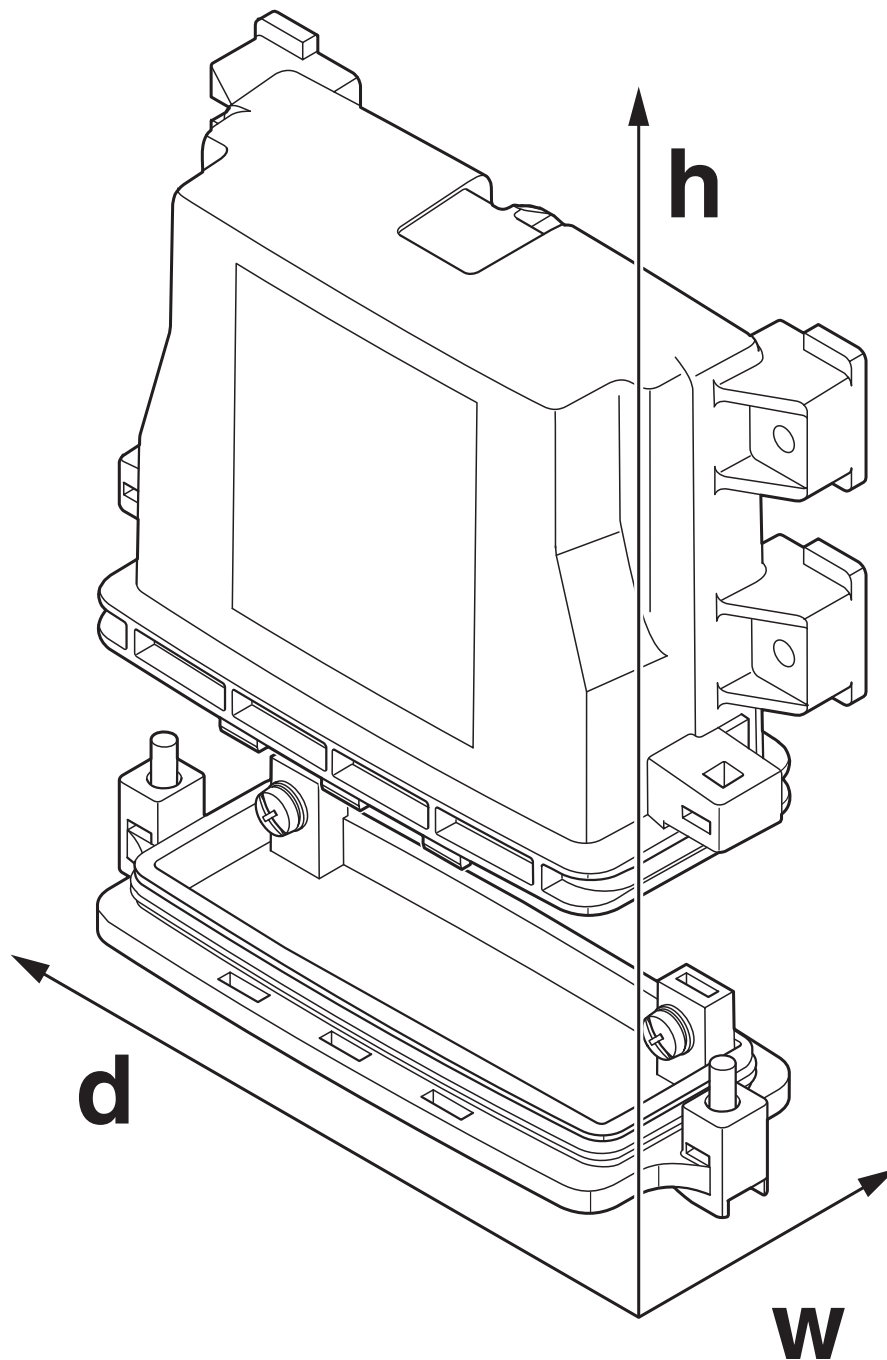
Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2230005

DNV
Approval ID: TAE00003W8

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	c6e76bce-8905-48c6-8bf9-9a06cd2000e5

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Mandatory accessories

ECS-B-122X169-L-UV1-V - Electronics housing

2230000

https://www.phoenixcontact.com/us/products/2230000

Snap-in locking vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 170 mm, Height: 176 mm, Depth: 64 mm

ECS-B-122X169-L-UV1-NV - Electronics housing

2230001

https://www.phoenixcontact.com/us/products/2230001

Snap-in locking non-vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 170 mm, Height: 176 mm, Depth: 64 mm

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ECS-B-122X109-L-UV1-NV - Electronics housing

1054713

https://www.phoenixcontact.com/us/products/1054713

Snap-in locking non-vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 172 mm, Height: 116 mm, Depth: 64 mm

ECS-B-122X109-L-UV1-V - Electronics housing

1054714

https://www.phoenixcontact.com/us/products/1054714

Snap-in locking vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Black (9005), Width: 172 mm, Height: 116 mm, Depth: 64

Accessories

ECS-P-122X169-L-UV1-1M12 - Front plate

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SACC-CI-M12FS-4CON-L 90 SH SCO - Contact carrier

1432444

https://www.phoenixcontact.com/us/products/1432444

Contact carrier, 4-position, Socket, angled, M12-SPEEDCON, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239612

SACC-CI-M12FS-4CON-L90 SCO - Contact carrier

1436628

https://www.phoenixcontact.com/us/products/1436628

Contact carrier, 4-position, Socket, angled, M12-SPEEDCON, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239625

ECS-P-122X169-L-UV1-1M12 - Front plate

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SACC-CI-M12FSD-4CON-L90 SCO - Contact carrier

1432457

https://www.phoenixcontact.com/us/products/1432457

Contact carrier, Ethernet/PROFINET CAT5 (100 Mbps), 4-position, Socket, angled, M12-SPEEDCON, coding: D, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0. 1 %) item no.: 1237421

SACC-CI-FS-5CON-L 90 SH SCO - Contact carrier

1432431

https://www.phoenixcontact.com/us/products/1432431

Contact carrier, 5-position, Socket, angled, M12-SPEEDCON, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239611

ECS-P-122X169-L-UV1-1M12 - Front plate

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SACC-CI-M12FS-5CON-L90 SCO - Contact carrier

1436644

https://www.phoenixcontact.com/us/products/1436644

Sensor/actuator flush-type connector, socket, 5-pos., A-coded, with angled solder connection, only contact insert

SACC-CI-M12FS-8CON-L90 SH SCO - Contact carrier

1437009

https://www.phoenixcontact.com/us/products/1437009

Contact carrier, 8-position, Socket, angled, M12-SPEEDCON, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239641

ECS-P-122X169-L-UV1-1M12 - Front plate

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SACC-CI-M12FS-8CON-L90 SCO - Contact carrier

1436990

https://www.phoenixcontact.com/us/products/1436990

Contact carrier, 8-position, Socket, angled, M12-SPEEDCON, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239640

SACC-CI-M12FS-12CON-L90 SH - Contact carrier

1424199

https://www.phoenixcontact.com/us/products/1424199

Contact carrier, 12-position, Socket, angled, M12, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239456

ECS-P-122X169-L-UV1-1M12 - Front plate

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https://www.phoenixcontact.com/us/products/2230005

SACC-CI-M12FS-12CON-L90 - Contact carrier

1424195

https://www.phoenixcontact.com/us/products/1424195

Contact carrier, 12-position, Socket, angled, M12, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239452

SACC-CI-M12FS-17CON-L90 SH - Contact carrier

1424201

https://www.phoenixcontact.com/us/products/1424201

Contact carrier, 17-position, Socket, angled, M12, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239458

ECS-P-122X169-L-UV1-1M12 - Front plate

2230005

https://www.phoenixcontact.com/us/products/2230005

SACC-CI-M12FS-17CON-L90 - Contact carrier

1424197

https://www.phoenixcontact.com/us/products/1424197

Contact carrier, 17-position, Socket, angled, M12, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239454

SACC-CI-M12FSY-8CON-L90 - Contact carrier

1424193

https://www.phoenixcontact.com/us/products/1424193

Contact carrier CAT5 (IEC 11801:2002), 8-position, Socket, angled, M12, coding: Y, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239450

ECS-P-122X169-L-UV1-1M12 - Front plate

2230005

https://www.phoenixcontact.com/us/products/2230005

PROT-M12 - Screw plug

1680539

https://www.phoenixcontact.com/us/products/1680539

An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

PROT-M12 SH - Screw plug

1503302

https://www.phoenixcontact.com/us/products/1503302

An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors

ECS-P-122X169-L-UV1-1M12 - Front plate

2230005

https://www.phoenixcontact.com/us/products/2230005

SACC-CI-M12FSX-8CON-L90 - Contact carrier

1424180

https://www.phoenixcontact.com/us/products/1424180

Contact carrier, Ethernet $CAT6_A$ (10 Gbps), 8-position, Socket, angled, M12, coding: X, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1237389

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