ECS-P-64X80-S-UV-B GY - Front plate

1186435

https://www.phoenixcontact.com/us/products/1186435

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Screw locking mechanism blank faceplate of the ECS family. IP66/IP67/IP68/IP69 degree of protection when mated with associated housing. Color: Gray (7042), width: 97 mm, height: 15 mm, depth: 42 mm

Your advantages

- Ultra-compact housing design for a wide range of applications
- 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
- Suitable for outdoor/indoor applications

Commercial data

Item number	1186435
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AC04
Product key	ACFDAB
GTIN	4063151227371
Weight per piece (including packing)	29 g
Weight per piece (excluding packing)	29 g
Customs tariff number	84879090
Country of origin	US

Technical data

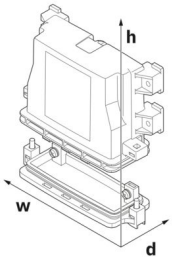
Notes

Assembly note	Please observe the application note in the download area.
Degree of protection	The specification for IP protection applies to the item combination ECS-B-... in conjunction with an unaltered ECS-P...-B front panel.
Degree of protection	When using front panels with connection technology, the IP protection class of the connection technology determines the protection class of the overall solution.
Recommendation	Further information and detailed dimensions are available in the download area.

Product properties

Product type	Front plate
Housing type	Outdoor housing
Housing series	ECS
Product family	ECS..64X..S..
Type	Screw locking mechanism
Battery compartment	no

Dimensions

Dimensional drawing	
Width	97 mm
Height	15 mm
Depth	42 mm

PCB design

PCB thickness	1.57 mm ... 2.36 mm

Material specifications

Color (Housing)	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing material	PC
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	20
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/IP67 (1 m/30 min)/IP68 (2 m/24 h)/IP69/IP69K

Ambient conditions

Degree of protection	IP66/IP67/IP68/IP69
Max. IP code to attain	IP69
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

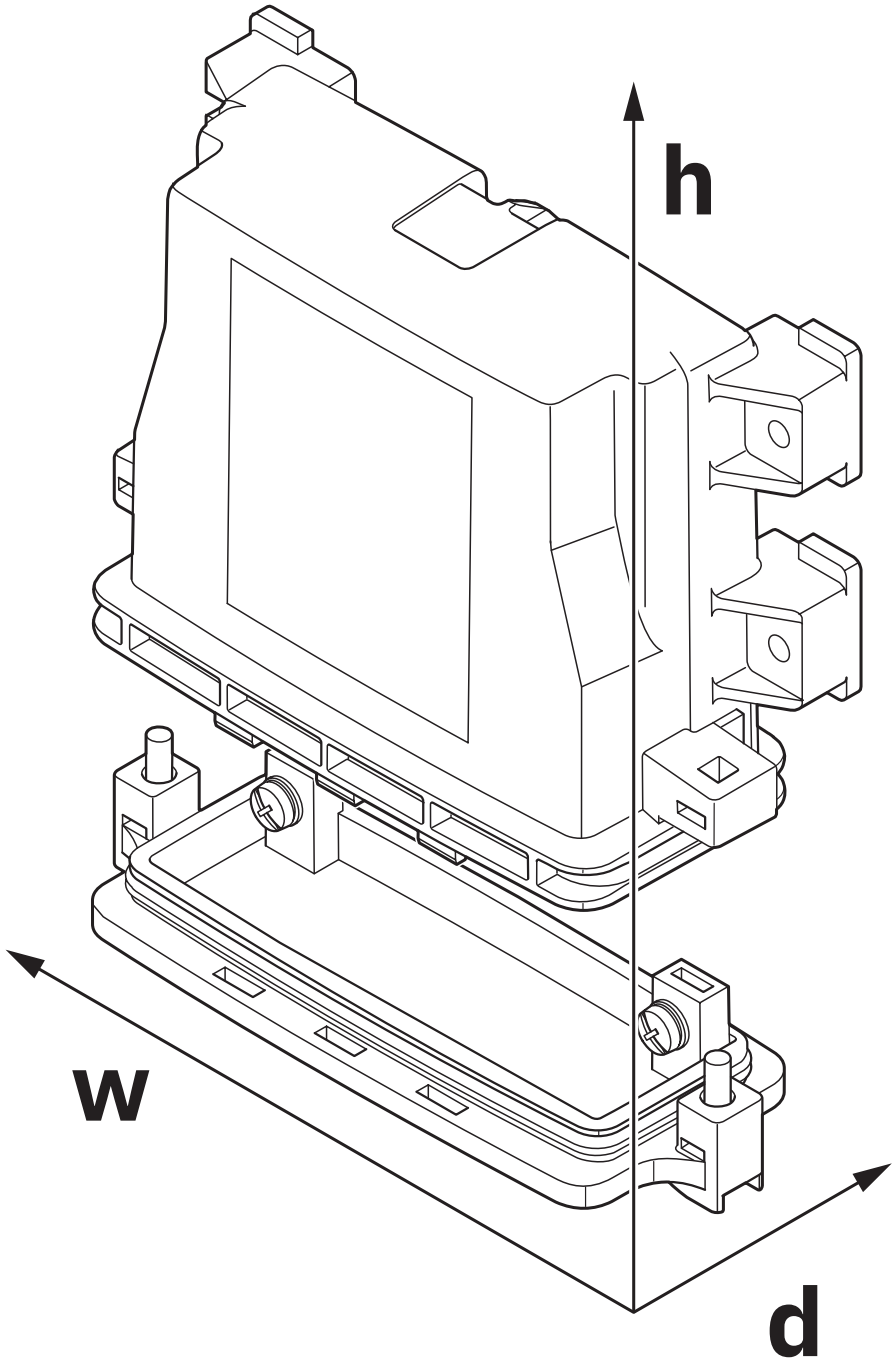
Number of PCB holders	1
Thickness of the PCB	1.57 mm ... 2.36 mm

Mounting

Mounting type	Screw locking mechanism

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.

Classifications

ECLASS

ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC002779

UNSPSC

UNSPSC 21.0	31261500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

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