

## Electronic housing - ECS-B-64X80-L-UV-V GY - 1196942

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Snap-in locking vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Grey (7042), Width: 97 mm, Height: 86 mm, Depth: 45 mm

### Your advantages

- ✓ IP66/IP67 rated with faceplate secured to the base
- ✓ 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
- ✓ Integrated pressure compensation membrane for fluctuating ambient pressures
- ✓ 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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 255442
GTIN	4063151255442
Weight per Piece (excluding packing)	72.000 g
Custom tariff number	85389099
Country of origin	United States

### Technical data

#### Item properties

Type	ECS-B-64X80-L-UV-V GY
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## Electronic housing - ECS-B-64X80-L-UV-V GY - 1196942

### Technical data

#### Item properties

Order No.	1196942
Housing type	outdoor housings
Type	integrated pressure compensation membrane
Max. NEMA code to attain	6
IK code	IK08
Impact strength	IK08
Mounting type	Wall or panel mount. Pole mount with accessory.
Ventilation	integrated pressure compensation membrane
Type of locking	Snap-in locking

#### Measurements

Width [ w ]	86 mm
Height [ h ]	97 mm
Depth [ d ]	45 mm

#### Material specifications

Housing material	PC (polycarbonate)
Color (RAL)	gray (7042)
Flammability rating according to UL 94	V0

#### Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 100 °C

#### PCB data

Number of PCB holders	1
PCB thickness	1.57 mm

#### Power dissipation, single housing at 20°C

Ambient temperature	20 °C
Power dissipation	11 W

#### Hammer test

Specification	EN 50512:1995
Impact energy	5 J
Number of drop cycles	5

#### Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 2000 - 10 Hz
Sweep speed	1 octave/min

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## Technical data

### Vibration test

Acceleration	15g (61.6 - 2000 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

### Shock

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.)

### Test for assessing the risk of fire (glow wire)

Specification	DIN EN 60695-2-11 (VDE 0471-2-11):2014-11
Temperature	850 °C
Time of exposure	30 s

### Degrees of protection provided by enclosures (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP69 (2 m / 24 h)

### Packaging information

Pieces per package	5
Denomination packing units	Pcs.

### Standards and regulations

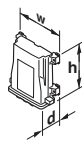
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



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## Classifications

### eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 11.0	27182702
eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180505
eCl@ss 5.1	27180505
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 9.0	27182702

### ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

## Accessories

### Accessories

#### Front plate

Front plate - ECS-P-64X80-L-UV-B GY - 1186436



Snap-in locking blank faceplate of the ECS Family. IP66/67/69 rated when mated with associated enclosure. Color: Grey (7042), Width: 97 mm, Height: 15 mm, Depth: 42 mm

