

KTSL-WS1-B-SG / G3

DESCRIPTION

Bluetooth Mesh Wireless Battery Powered Wall Switch for Smartloop System.

APPLICATION

Ideal for small- to medium-size systems, such as schools, offices, auditoriums, and warehouses



Bluetooth



PRODUCT FEATURES

- Commissioned via SmartLoop mobile app for iPhone and Android
- Designed for installation in standard wallboxes
- Operates on CR2032 Coin cell Battery
- 5 buttons allow for dimming, toggling power, automatic sensor/preset level operation, and scene activation
- Utilizes Bluetooth mesh technology for reliable and secure wireless communication
- Indicator LED communicates device status
- Easily commissioned to control groups or individual luminaires

ELECTRICAL SPECIFICATIONS

Input Power	CR2032 Coin cell Battery
Battery Lifetime	5 years*
RF Transmit Power	8.5dBm
Wireless Frequency	2.4GHz
Wireless Range (Open Air)	90m
Wireless Protocol	BLE 5

* Based on approx. 20 single-button presses per day. Overuse and/or frequent prolonged "press and hold" dim up/down button usage will shorten expected battery lifetime.

ENVIRONMENTAL SPECIFICATIONS

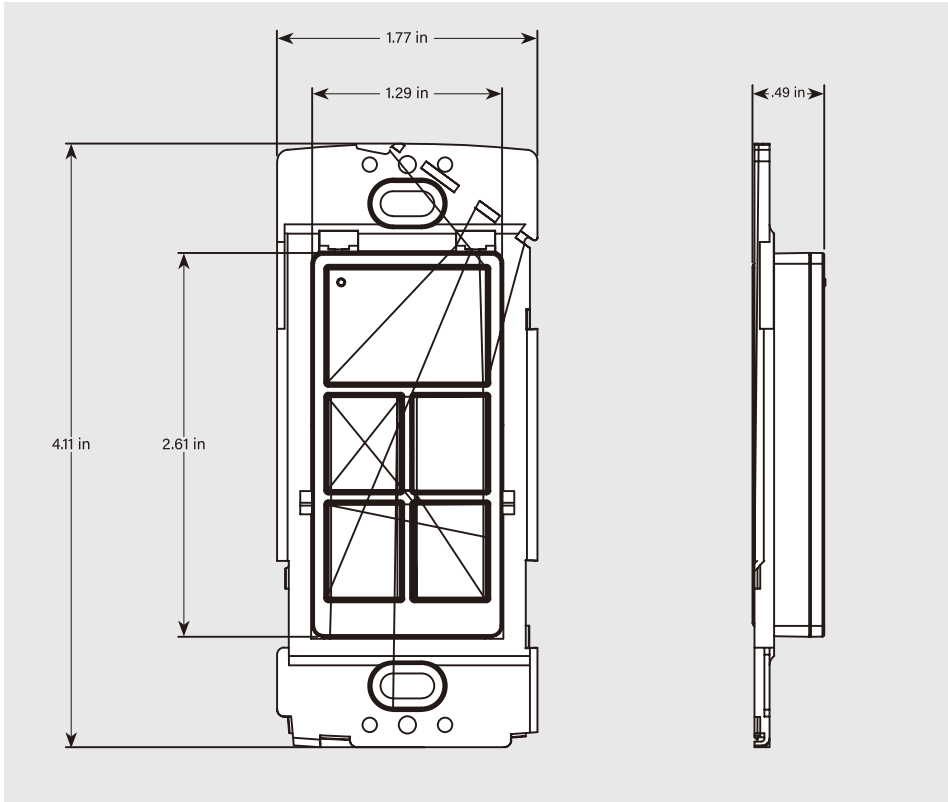
Operating Temperature	-10°C / 14°F to 45°C / 113°F
Storage Temperature	0°C / 32°F to 30°C / 86°F
Humidity	5-90%
Moisture and Dust Rating	IP20

EMC COMPLIANCE

FCC	Part 15.247
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PHYSICAL SPECIFICATIONS



Mounting	Standard wallbox
Height	4.11"
Width	1.77"
Depth	1.29"
Weight	1.5 oz.
Case Material	Plastic

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KTSL-WS1-B-SG /G3	100	FYH-31	843654141695

CATALOG NUMBER BREAKDOWN

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1 2 3 4 5

- 1 Keystone Technologies SmartLoop
- 2 Wall Switch
- 3 Design Style 1
- 4 Battery
- 5 Single Gang Size
- 6 Generation 2



FCC Statement:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.