

Install Guide

PSC-EO-WS Battery-less Wall Switches



Models:

- PSC-EO-WS-100-BLE
- PSC-EO-WS-400-BLE



Device Overview

The mwConnect™ Battery-less kinetic wall switches provide a wireless way to add switch controls to a mwConnect™ project. These switches can be used for 0-10V or DALI dimming and can interface to either mwC Casambi or TruBlu networks. The standard form factor fits North American splice box sizes.

Installation Preparation

WARNING: Controlling a load in excess of the specified rating will damage the device and may cause fire, shock or death. Ensure connected load does not exceed device rating.

IMPORTANT: Disconnect power when servicing any switch, controller or sensor.

RESTRICTION: Do not attempt to disassemble or repair.

ATTENTION: Wireless range is dependent on device spacing, surrounding environment, and conditions. It is highly recommended to test for signal strength and accuracy.

Configurations

Figure 1: PSC-EO-WS-100-BLE Battery-less Wall Switch

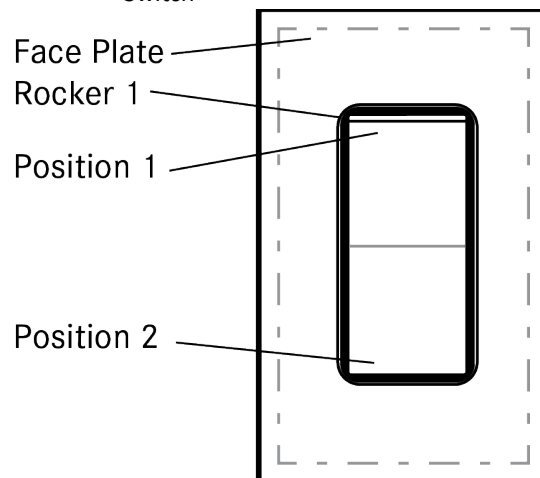
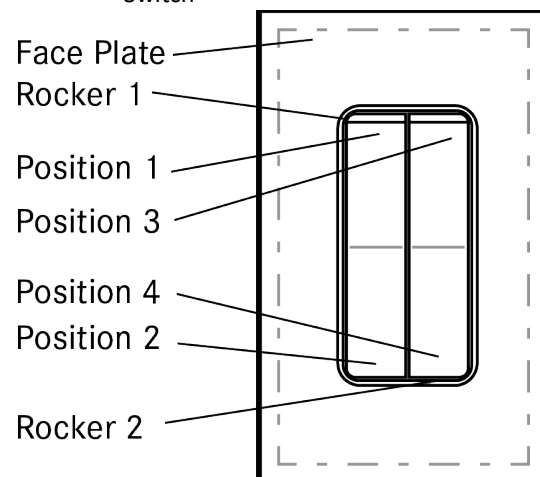
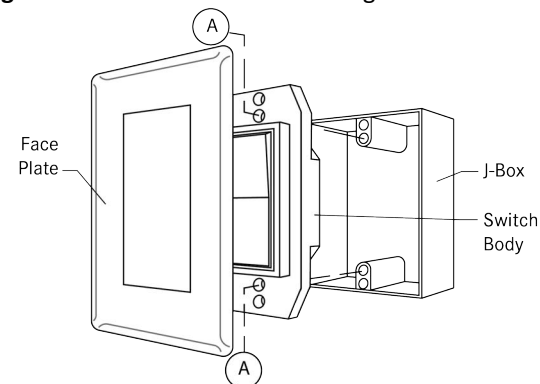


Figure 2: PSC-EO-WS-400-BLE Battery-less Wall Switch



Installation

Figure 3: EO-WS J-Box Mounting



1. Before installing to splice box, complete the linking tasks to ensure device has been properly joined to a WCM device

NOTE: The PSC-EO-WS is sized to comply with installation in single gang splice boxes, or multi-gang switch boxes. If your installation is a 2 or more gang splice box application, you will need to source an appropriate switch plate bezel (Type not supplied).

NOTE: To achieve best communication between switch and controllers, it is recommended that J-Box be constructed of polymer material. Metal J-Boxes will affect communications

2. Test the operation between the WCM device and switch before mounting to switch box. If linking fails, repeat the linking process until successful interoperability is present.

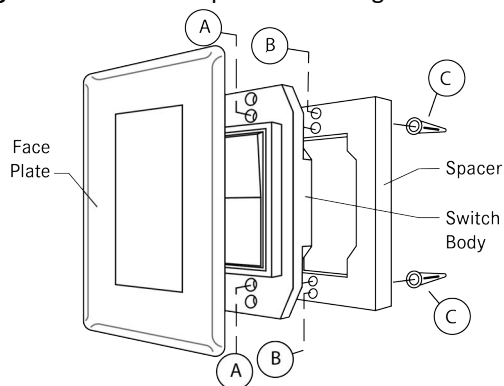
NOTE: For linking and commissioning a TruBlu device scan the QR code in the install notes below, and follow instructions. For Casambi devices the pairing process is done by NFC using the Casambi APP.

3. Using the fasteners provided (A), secure the switch body to the splice box.
4. Place the switch plate over the switch body, press to snap into place.
5. Your installation should be complete

Surface Mounting Installation

- Using the spacer included with switch, locate and install two hollow wall anchors (C).

Figure 4: EO-WS Spacer Mounting



- Using two drywall screws (B), #10 x 1.25" suggested, [Not provided], secure the spacer to the wall.
- Before installing the switch body to spacer, complete the linking tasks to ensure device has been properly joined to a WCM device.
- Using the fasteners provided, secure the PSC-EO-WS-x00-BLE switch body to the spacer and to the wall.
- Place the switch plate over the switch body, press to snap into place.
- Your installation should be complete.

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TruBlu Commissioning Guide



For TruBlu models (partID ending in -SR), use this link to the Commissioning Guide:
https://mwconnect.us/trublu_commissioning/

Casambi Commissioning Guide



For Casambi models (partID ending in -CB), use this link to the Commissioning Guide:
https://mwconnect.us/casambi_commissioning/

Device Specifications

Specifications	
Switch Type	Momentary
Environment	Damp
Input Voltage	Kinetic

Troubleshooting

TruBlu (-SR) Condition	Solution
The luminaire does not respond to switch actuation.	Confirm the desired controller is operating normally. Confirm switch was paired to a Project (TruBlu).
The switch is commissioned but the luminaire does not respond to actuation.	Download Enocean Tools APP and confirm the following advance settings by using NFC: Data Rate = 1 Mbit Adv. Interval = 10ms Channel Mode = default Please contact Customer Service.
Switch is commissioned with the correct advertising setting, but luminaire does not respond to actuation.	Confirm the switch is not damaged or inoperable. Reset Enocean Switch Settings. Please contact Customer Service.

Casambi (-CB) Condition	Solution
The luminaire does not respond to switch actuation.	Confirm the desired controller is operating normally. Confirm switch was paired to a Network (Casambi).

Casambi (-CB) Condition	Solution
Switch is paired and configured properly but luminaire does not respond to switch actuation.	Confirm the switch is not damaged or inoperable. Please contact Customer Service.

Limited 5 Year Warranty

mwConnect™ warrants, to the original or first end user purchaser and not for the benefit of anyone else, that this product at the time of its sale by mwConnect is free of defects in materials and in workmanship under normal and proper use for five years from the manufacture date. mwConnect's only obligation to correct such defects is by repair or replacement or by extending credit in the amount of the purchase, at its option. For details visit <https://mwconnect.us/> or call 1-888-600-9188. This warranty excludes and there is a disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for use is limited to five years. mwConnect is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein and the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

Contact

For Technical Assistance Call: 1-888-600-9188.

Certifications

- UL Listed
- FCC