

Rocker Pad (single, double)

Self-powered, wireless switch for ZigBee Green Power systems

Self-powered wireless controls are simple to install. The Single and Double Rocker Pads use EnOcean energy harvesting technology to communicate wirelessly with other devices supporting the ZigBee Green Power standard. They provide convenient control of lighting, temperature and miscellaneous electric loads.

The rocker pads are self-powered and never require batteries because the simple act of pressing the rocker generates enough energy to send wireless radio telegrams to ZigBee Green Power devices. The rocker pad features a clean contemporary styling, making it an attractive addition that's sure to compliment any décor.

Features & Benefits

- **Self-powered.** Integrated kinetic harvester provides the energy to power the device and eliminates the need for wires or batteries
- **Wireless.** No additional wire to run so installation is fast and easy. Install them where you want them and then move them anytime
- **2.4 GHz IEEE 802.15.4 / ZigBee Green Power.** Quick integration into ZigBee 3.0 infrastructure
- **AES-128 based telegram authentication.** Verify the origin of data telegrams to protect your system from unauthenticated access



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Specifications

Power Supply	Mechanical Energy Harvesting (power is generated by the motion of pressing the switch)
Inputs/Outputs	<ul style="list-style-type: none">• 1 or 2 button rocker switch options• Radio Frequency (RF) transmitter
RF Communications	2.4 GHz (IEEE 802.15.4 / ZigBee Green Power)
Transmission Range	50ft. (15m)
RF Transmission	On press and release of rocker button
Radio channels	16 channels as defined by IEEE 802.15.4 / ZigBee
Dimensions	Single: 4.95" H x 3.21" W x 0.74" D (126mm x 82mm x 19mm) Double: 4.95" H x 4.52" W x 0.72" D (126mm x 115mm x 18mm)
Weight	Single: 3.98oz. (112g) Double: 5.3oz. (150g)
Mounting	Surface mounted on wall (using included mounting screws) Can also be flush mounted by optional use of electrical wall box or low-voltage ring
Environment	<ul style="list-style-type: none">• Indoor use only• 32° to 131° F (0° to 55° C)• 5% to 95% relative humidity (non-condensing)
Agency Compliance	Contains : FCC: SZV-PTM215Z IC: 5713A-PTM215Z

Ordering information

Item Number	Item Description	Color
ESRPZ-W-EO	Single Rocker Pad	White
EDRPZ-W-EO	Double Rocker Pad	White

Typical Applications

Self-powered wireless Rocker Pads are perfectly suited for use in new construction projects or when updating an existing space. They enable efficient and convenient control of lighting, temperature setbacks and miscellaneous electric loads.

Energy Harvesting Wireless

Enjoy unlimited flexibility and performance with EnOcean-enabled energy harvesting wireless solutions. Systems that employ this wireless device benefit from limitless supplies of energy and unrivaled flexibility.

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