

Overview

Resonate Wave switches use a mechanical energy harvester that is powered by the touch of a finger and is completely battery free.

The Resonate Wave switches are designed to provide a modern, stylistic wall switch package that fits well with any decor. They are available in either single or dual paddle in white or black. The Wave switches can be used with any of Echoflex’s lighting control solutions for On/Off and dimming control.

Mount with the supplied double-sided tape to any smooth surface. Create multi-input switching strategies for 3, 4 or up to 20 way switching with Resonate Wave wireless switches.



Equipment Profiles

Single/Dual Rocker – EEP: F6-02-02 – Light and Blinds Control

Mechanical Specifications

Operating Temperature -25°C to 65°C (-13°F to 145°F)
 Relative Humidity 5% to 92% RH (non-condensing)
 Weight 71 g (2.5 oz)
 Dimensions 112 x 64 mm (4.4 x 2.5 “)
 Life Cycle 50,000 actuations
 Mounting double sided tape (supplied)

Technical Specifications

Operating Mode On/Off, Dimming
 Power Generation Electrodynamic Energy Harvester
Communications
 Radio Frequency 902MHz(U) or 868 MHz(Y)
 Antenna Integrated whip
 Transmission Range 24m (80 ft) - commercial office space (typical), up to 100 m (330 ft) line of sight

Agency Listing & Compliance

FCC Part 15.231 - Remote Control Transmitter
 IC RSS-210

Ordering Information

| Description | 902 MHz Models | 902 MHz PN | 868 MHz Models | 868 MHz PN |
|--|----------------|---------------|----------------|---------------|
| Single Paddle Resonate Wave Switch - White | ETRS1U-W | 8188A1211-5-1 | ETRS1Y-W | 8188A1411-5-1 |
| Dual Paddle Resonate Wave Switch- White | ETRS2U-W | 8188A1212-5-1 | ETRS2Y-W | 8188A1412-5-1 |
| Single Paddle Resonate Wave Switch - Black | ETRS1U-B | 8188A1211-4-1 | ETRS1Y-B | 8188A1411-4-1 |
| Dual Paddle Resonate Wave Switch - Black | ETRS2U-B | 8188A1212-4-1 | ETRS2Y-B | 8188A1412-4-1 |

Specifications are subject to change without notification
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