

Overview

Resonate Wave switches use a mechanical energy harvester that allow them to be powered by the touch of a finger and are completely battery-free.

The Resonate Wave switches are designed to provide a modern, stylistic wall switch package that fits well with any decor.

Available in either single or dual paddle in white or black, the new 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.



Technical Specifications

Operating Mode	On/Off, Dimming
Power Generation	Electrodynamic Energy Harvester
Communications	
Radio Frequency	315 MHz(C), 868 MHz(Y) or 902 MHz(U)
Antenna	Integrated whip
Transmission Range	100m (330 ft) line-of-sight, 24 m (80 ft) - interior space (typical)

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)

Ordering Information

Model	Description	Part # - 315 MHz	Part # - 868 MHz	Part # - 902 MHz
ETRS1(*)-W	Single Wave Style Switch - White	005-0252 * = C	005-5252 * = Y	005-7252 * = U
ETRS2(*)-W	Dual Wave Style Switch - White	005-0264 * = C	005-5264 * = Y	005-7264 * = U
ETRS1(*)-B	Single Wave Style Switch - Black	005-0276 * = C	005-5276 * = Y	005-7276 * = U
ETRS2(*)-B	Dual Wave Style Switch - Black	005-0288 * = C	005-5288 * = Y	005-7288 * = U
ETRS1(*)-C	Single Wave Style Switch - Cream	005-0290 * = C	005-5290 * = Y	005-7290 * = U
ETRS2(*)-C	Dual Wave Style Switch - Cream	005-0303 * = C	005-5303 * = Y	005-7303 * = U

Agency Listing & Compliance

FCC Part 15.231 - Remote Control Transmitter
IC RSS-210

Equipment Profiles

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



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