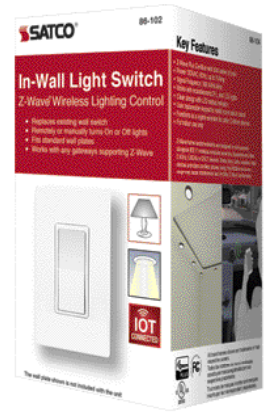


Smart home gear: 86-102 In-Wall Light Switch*

Features

- Works with incandescent lamps, fluorescent (CFL), and LED lighting
- Fits standard wall plate (not included)
- Z-Wave Plus Certified
- Clean design with white LED status indicator
- GROUP/ALL enabled, if supported by controller
- Multiple scene control using double and triple tap
- Provides instant manual status change to controller
- Supports Central Scene command class
- Over-The-Air firmware upgrade available, if supported by controller
- Supports Network Wide Inclusion (inclusion through a repeater), if supported by controller
- Powered by Sigma Design 500 Series module inside
- Functions as a Z-Wave signal repeater
- Supports screw and wire terminals

PRODUCT INFORMATION



General

Parameter	
Operating Temperature	32° F to 104° F
Storage Temperature	-4° F to 140° F
Storage Humidity	80%
Electrical Ratings	
Input Voltage	120 VAC RMS
Input Frequency	60Hz
Wire Terminals	Requires neutral
Maximum Output Load	900W incandescent, 200W CFL/LED, ½ horsepower motor and 15A, 1800W resistive load
Fuse	0.5A
Z-Wave Frequency for USA and Canada	908.4Mhz at 40kps, 916Mhz at 100kps
Wireless Range (controller & repeater)	130 ft. at open air, 1 meter high, LOS
Modulation	FSK/GFSK
Tx Power from IC setting	2 dbm
Rx Sensitivity at 40 kps	-99 dbm
Rx Sensitivity at 100 kps	-91.8 dbm
Standby Current	25mA

* Need ZWAVE compatible controller

Mechanical Parameters

Dimensions	Body:2.8"x1.71"x1.41" Yoke: 4.13"x2.13"x.076"
Minimum Hole for Wire	Accepts #12 AWG (0.081" dia) Doesn't Accept #8 AWG (0.1285"dia)
Wire Type	Copper or plated aluminum
Clamp Parts	Copper only
Wire Binding Screws	UL 486a/b: Minimum Dia=#6(.138) Max Threads/inch = 36
Color	Munsell N9 Apple White
Material	PC, Type 6485

Supplied Parts

Description	Quantity
86-102 In-Wall Light Switch	1
Mounting Screws	2
Instruction Manual	1

