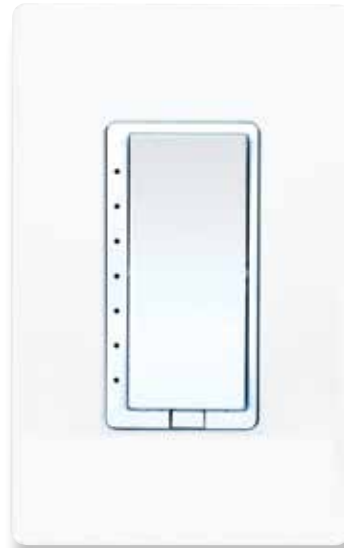


PRODUCT INFORMATION

86-103 In-Wall Dimmer

Features

- Works with incandescent and most dimmable fluorescent (CFL), or LED lighting
- 7 LEDs to indicate ON/OFF/Dimming level status
- Fits standard wall plate (not included)
- Z-Wave Plus Certified
- 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



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 |
| Maximum Output Load | Incandescent (600W, single gang), Dimmable CFL/LED (150W) |
| Fuse | 10A |
| 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 |

Mechanical Parameters

| | |
|-----------------------|---|
| Dimensions | Body:2.8"x1.71"x1.41" Yoke: 4.13"x2.13"x.076" |
| Wire Terminals | Line, Load, Ground, Traveler, Neutra |
| 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 |
|-----------------------|----------|
| 86-103 In-Wall Dimmer | 1 |
| Mounting Screws | 2 |
| Instruction Manual | 1 |

