Smart home gear: 86-101 Plug-In Dimmer Module*

Features

- Works with incandescent and most dimmable fluorescent (CFL), or LED lighting
- LED backlit Key for manual ON/OFF and status indicator
- GROUP/SCENE/ALL enabled, if supported by controller
- 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
- Compact design - does not block the 2nd AC outlet
- Functions as Z-Wave repeater

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 300W (2.5A), Dimmable CFL/LED 65W Fuse 5A
Fuse	5A
Dimmer conduction angle	90% at max fully on position
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

* Need ZWAVE compatible controller

Mechanical Parameters

Dimensions	Body: L3.27" X W2.13" X H1.5"
With plug:	L3.27" X W2.13" X H1.5"
Color	Munsell N9 Apple White
Material	PC, Type 6485

Supplied Parts

Description	Quantity
86-101 Plug-In Dimmer Module 1	1
Instruction Manual	1