Zigbee Smart Plug & Repeater

Item #: 1800127

OVERVIEW:

The **Somfy Zigbee Smart Plug & Repeater** can be used in Zigbee® installations (using the TaHoma® gateway. It can be used to extend the Zigbee radio range for your motorized window coverings, and turn connected lighting devices on/off. The Zigbee Smart Plug & Repeater is an essential point to build a robust Zigbee mesh network. The Somfy Zigbee Smart Plug & Repeater allows you to control your traditional lighting or plug-in devices with the TaHoma® North America app. This remote-controlled wall socket is easily connected to **TaHoma®**, allowing users to turn connected lighting devices on or off via the app or hand-held remote.

TECHNICAL SPECIFICATIONS:

- Radio Protocol: Zigbee 3.0
- Device Type: Zigbee router
- Frequency: 2.4Ghz
- Power Supply: 110-127 V AC, 60 Hz, 15 A max
- Max Power: Resistive load 1800 W @120V
- Input: 120V~/ 60Hz 15A
- Output: 120V~/ 15A max
- Surge Protection: > 1500V
- Overcurrent Protection: YES
- Frequency bands and max effective radiated power: 2.4GHz < 10dBm
- Index protecting rate: IP 20 (indoor use in a dry room)
- Dimensions: 1.87" L x 1.87" W x 1.20" H
- Operating Temperature Range: 0°C to 40°C
- Shipping Weight: Product 64.3g
- For Indoor Use Only
- Enclosure: PE UL94V-0 Flame Rating
- Certifications
  - o UL
  - o FCC
  - o Zigbee 3.0

FEATURES SUMMARY:

- Remotely control on/off lighting and small appliances via the app (<1800w), as well as the Situo 1 & 4 Zigbee remotes
- Create scenes and schedules to automate motorized shades
- Extend Zigbee radio range (works as a repeater)
- Aesthetic integration: fits nicely into any standard wall socket
- Manual ON/ OFF function by pressing LED button on device
- One repeater recommended for every 6 wirefree battery motors

WHAT'S IN THE BOX:

- Somfy Zigbee Smart Plug & Repeater #1800127
- Instructions

REQUIRED ACCESSORIES:

- TaHoma® Zigbee Wireless Smartphone and Tablet Interface #1811731
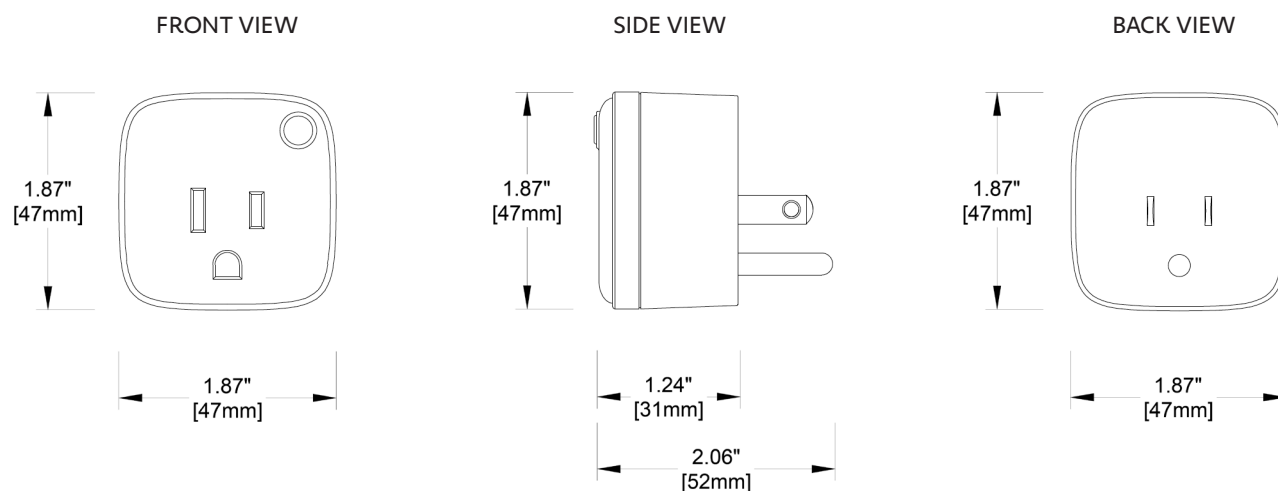- TaHoma® North America App

OPTIONAL ACCESSORIES:

- Situo® 1 Zigbee Pure Transmitter #1800194
- Situo® 4 Zigbee Pure Transmitter #1800195

CONNECTIONS AND INDICATORS:

BUTTON/LED

	ELEMENT	FUNCTION
PAIRED MODE	**Solid Red**	Output OFF
	Solid Green	Output ON
	Protection Mode Enabled	Red LED flashing on and off in a 0.5 second interval cycle
IDLE MODE	**Red LED flashing 3 times within 1 second then green LED on for 3 seconds**	Output OFF
	Red LED flashing 3 times within 1 second then green LED on for 3 seconds	Output ON
PAIRING MODE	**Protection Mode Enabled**	Red LED flashing on and off in a 0.5 second interval cycle
	Output OFF	Red LED flashing on and off in a 1 second interval cycle

somfy®

DIMENSIONS:

FRONT VIEW

1.87"
[47mm]

1.87"
[47mm]

SIDE VIEW

1.87"
[47mm]

1.24"
[31mm]

2.06"
[52mm]

BACK VIEW

1.87"
[47mm]

1.87"
[47mm]

BEST WIRING PRACTICES:

The diagram shown below is meant for illustrative purposes to show the connections from product to product. This device could be used in other configurations than shown below. For specification information on individual products, see related product information.

ACCESSORIES

Zigbee Smart Plug & Repeater

MOTORS

Glydea® ULTRA Zigbee

Sonesse® 40 Zigbee

Sonesse® 30 WireFree Zigbee

NETWORK

ZIGBEE

ZIGBEE

TaHoma® Gateway

WiFi

USER INTERFACES

WiFi

iOS Device

Android Device

Third-Party Control System

somfy®