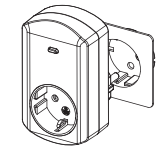
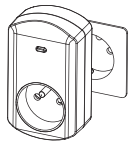
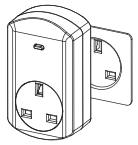
## Socket Type

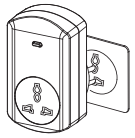
Considering different country use different socket type, we provide various kinds of sockets type as following:

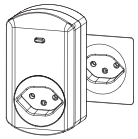

German Type FX67G

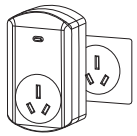

French Type FX67F

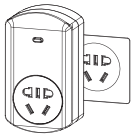

British Type FX67E

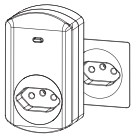
American Type FX67U


Universal Type TZ67C


Swiss Type FX67CH


Australian Type FX67AUS


Chinese Type FX67CN


Brazilian Type FX-D67A

## Specification

| | |
|---|---|
| Operating Voltage | AC110V～230V 50Hz/60Hz |
| Maximum Load | 300W,(200W for TZ67U) |
| Range | Minimum 40m in door 70m outdoor line of sight |
| Operating Temperature | 0°C ~ 40°C |
| Frequency Range | 868.4MHz(EU),908.4MHZ(US),921.4MHz(AU),869MHz(RU) |

Specifications are subject to change and improvement without notice.

### Interoperability with Z-Wave devices

A Z-Wave network can integrate devices of various classes made by different manufacturers. The FX67 can be incorporated into existing Z-Wave networks. The FX67 switch can be used to carry out inclusion, association, or exclusion.

## Warning:

1.Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

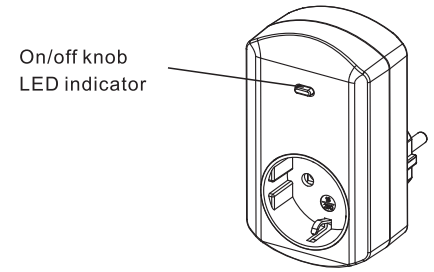
2.Contact your local government for information regarding the collection systems available.

3.If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

4.When replacing old appliances with new once, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.



# FX67 Smart dimmer plug in switch




This plug-in On/Off switch in a transceiver which is a Z-Wave enabled device and is fully compatible with any Z-Wave enabled network. Z-Wave enabled devices displaying the Z-Wave logo can also be used with it regardless of the manufacturer, and ours can also be used in other manufacturer's Z-Wave enabled networks. remote On/Off control of the connected load is possible with other manufacturer's wireless controller. Each switch is designed to act as a repeater. Repeaters will re-transmit the RF signal to ensure that the signal is received by its intended destination by routing the signal around obstacles and radio dead spots.

The product supports Over The Air(OTA) feature for the products firmware upgrade.

## Adding to Z-Wave™ Network

In the front casing, there is an On/Off button with LED indicator which is used to toggle switch on and off or carry out inclusion, exclusion, reset or association. When first power is applied, its LED flashes on and off alternately and repeatedly at 1-second intervals. It implies that it has not been assigned a node ID and cannot work with Z-Wave enabled devices.

The table below lists an operation summary of basic Z-Wave functions. Please refer to the instructions for your Z-Wave™ certificated primary controller to access the Setup function, and to include/exclude/associate devices.

| Function | Description | LED Indication |
|---|---|---|
| No node ID | The Z-Wave controller does not allocate a node ID to the switch. | 1-second on, 1-second off |
| Add | 1. Have Z-Wave controller entered inclusion mode. | Press on, for off<br>Press off, for on |
| | 2. Pressing On/Off button three times within 1.5 seconds will enter inclusion mode. | |
| Remove | 1. Have Z-Wave controller entered exclusion mode. | Press on, for off<br>Press off, for on |
| | 2. Pressing On/Off button three times within 1.5 seconds will enter exclusion mode. | |
| | Node ID has been excluded. | 1-second on, 1-second off |
| Reset | 1. Pressing On/Off button three times within 1.5 seconds will enter inclusion mode. | Press on, for on<br>Press off, for off |
| | 2. Within 5 second, press On/Off button again for 1 seconds until LED is off. | |
| | 3. IDs are excluded. | 1-second on, 1-second off |
| Association | 1. Have Z-Wave controller entered association mode.<br>Or Pressing On/Off button three times within 1.5 seconds will enter association mode | Press on, for on<br>Press off, for off |
| | 2. There are only one group for the switch (it can associate max five devices) | |

※Including a node ID allocated by Z-Wave controller means Add. Excluding a node ID allocated by Z-Wave controller means Remove.
※Failed or success in including/excluding the node ID can be viewed from the Z-Wave controller.
※Association:it can be associated by Z-Wave devices with association
※Use the“Reset” procedure only in the event that the network primary controller is missing or otherwise inoperable
※The group identifier is “Group 1”.
Association group info report command class
Profile:General lifeline ( Profile MSB=0,Profile LSB=1)
Association group name report command class
Group 1:lifeline

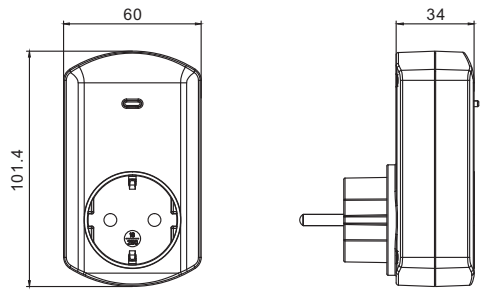


## Programming

The On/Off knob allows the user
- Turn on or off the load attached
- Include or exclude the switch from the Z-Wave system
- If the button is constantly pressed the light will be dimmed The dimming function will also toggle constantly pressing the button the lamp module will dim either UP or DOWN until it reaches the maximum or minimum value. The second time the button is held down the dimming will change direction When the powerlevel reaches either full power or min power the dimming will stop until the button has been released and is pressed again.

| Configuration Parameter | Function | Size (Byte) | Value | Unit | Default | Description |
|---|---|---|---|---|---|---|
| 1 | Change the state of indicator light | 1 | 0-1 | | 1 | Default status of socket LED is on as indicator when the load is off |
| 2 | Memory function | 1 | 0-1 | | 1 | Default with memory: the socket status is same as before when power on |

## Troubleshooting

| Symptom | Cause of Failure | Recommendation |
|---|---|---|
| The switch not working and LED off | 1.The switch is not plugged in to the electrical outlet properly<br>2. The Switch is out of order | 1.Check power connections<br>2. Don't open up the Switch and send it to repair. |
| The switch LED illuminating, but cannot control the On/Off Switch of the load attached | Check if the load plugged into the Switch has its own On/Off switch | Set the On/Off switch of the load attached to on |
| The switch LED illuminating, but the controller cannot control the Switch | 1.Not carry out association<br>2.Frequency interference | 1.Carry out association<br>2.Wait for a while to re-try |

## Socket Size(mm)