

ZigBee® Switch and Power

Dimmable Wall Switch with Consumption Monitoring

Z815L/M



Z815L/M
Local Dimmable Switches

Product Model

Z815L: single gang

Z815M: two gang

Z815 L/M is the local in-wall dimmable switch comes with one and two gang control types having 256 controllable AC output level circuits. Its enclosure is designed to replace conventional junction box installation type wall switches. The switches on Z815 allow user to switch on/off electrical appliances that is attached at its AC outputs. Not only that Z815 enables user to switch locally but also wirelessly via paired ON/OFF/Level ZigBee enabled remote controller, via smart phone, remote PC and even through other means of IOT network integration. Remote energy consumption monitoring is made possible with its in-built energy sensing mechanism. It can be used along side with PC based ZiG-BUTLER software to achieve smart home user scene such as scheduler, mode of operation, scenes and the most wanted feature -the scheme.

Main Features

- ZigBee device type: Dimmable Light Switch
- Standard Junction Box
- Support energy consumption management
- Overload protection
- Can be controlled by any ZigBee compatible remotes
- In-built ZigBee router feature.

Technical Parameters

Input Power	85~264VAC max. /50/60 Hz
Resistive Load:	800W/250VA C 400W/125VAC (single gang) 600Wx2/250VA C 400Wx2/125VAC (two gang)
Consumption monitoring range	100mA~4A with $\pm 1\%$ accuracy w/ 1mA absolute resolution
Frequency/Protocol:	2.405~2.480 GHz/ IEEE 802.15.4/ZigBee Pro
Communication Range:	Up to 50 meters indoor
Operating Ambient:	Temperature -10~50°C Humidity max. 5~85%RH
Product dimension:	81mm x 81mm x 62mm