

LSM-15

**Product**

Binary Switch

Description

The LSM-15 Wall Mounted Binary Switch is a component of the Evolve lighting control system. Inclusion of this Switch on a Z-Wave network allows remote ON/OFF control of loads connected and is compatible with Z-Wave security systems. It can be used on any type of 120 VAC fixture or bulb type, with a 15A limit.

This Wall Mounted Binary Switch is designed to work with other Evolve enabled devices. Evolve nodes of other types can be included in the network and will also act as repeaters to increase the range of the network. The Switch also has a replaceable trim ring available in assorted colors.

As part of a Z-Wave network, the LSM-15 will also act as a wireless repeater to ensure that commands intended for another device in the network are received. This is useful when the device would otherwise be out of the radio range of the wireless controller.

Specifications

- SKU: LSM-15
- Supported Networks:
 - Z-Wave – Signal (Frequency) 908.42 MHz
- Range: Up to 100 feet line of sight between the Wireless Controller and/or the closest Evolve Receiver Module
- Power: 120 VAC
- Dimensions: 4.5" H x 2.75" W x 1.75" D
- Weight: 0.29 lbs.

Wiring

The LSM-15 is wired in the same fashion as a conventional digital switch – it requires a minimum of 3 wires to operate:

- Black – represents the line input, 120VAC
- White – represents the neutral
- Blue – represents the load (switch leg)

The switch also has a green wire which serves as the ground. While there is a yellow wire present, it is not needed and should be cut and capped with either electrical tape or a wire nut.

In the case of a 3-way or 4-way circuit, traveler wires are not used when building an Evolve network. Instead, an LSM-15 may be used in conjunction with an LTM-5 to create a wireless, “virtual” 3-way. *See LTM-5 for further details.*