



# 89A00-1ZB 15A Plug-in Load Control Module Installation and Operation Instructions

## READ THESE INSTRUCTIONS BEFORE INSTALLING DEVICE

### DESCRIPTION

The Model 89A00-1ZB 15A Plug-in Load Control Module (LCM) can be used to control appliances, fans, and lamps up to 15A, general purpose.

This 15A Plug-in Load Control Module is intended for installation in accordance with the National Electrical Code and local codes and regulations. Retain these instructions for reference.

This product is for indoor use only.

### ZIGBEE SETUP

#### Enrolling the 89A00-1ZB LCM to ZigBee Network

- 1) Confirm that the LCM is currently not enrolled in the network (i.e. blinking 1/Second at 50% On). If the LCM is enrolled in the network, disband LCM.
- 2) Press and hold Pushbutton for 5+ seconds until the LED changes to blinking 7 times a second.
- 3) Enroll the device using the ZigBee Interface Module (ZIM).
- 4) Verify device was enrolled properly by checking to see if the LED is blinking 1 time a second at 10% On (Normal operation).

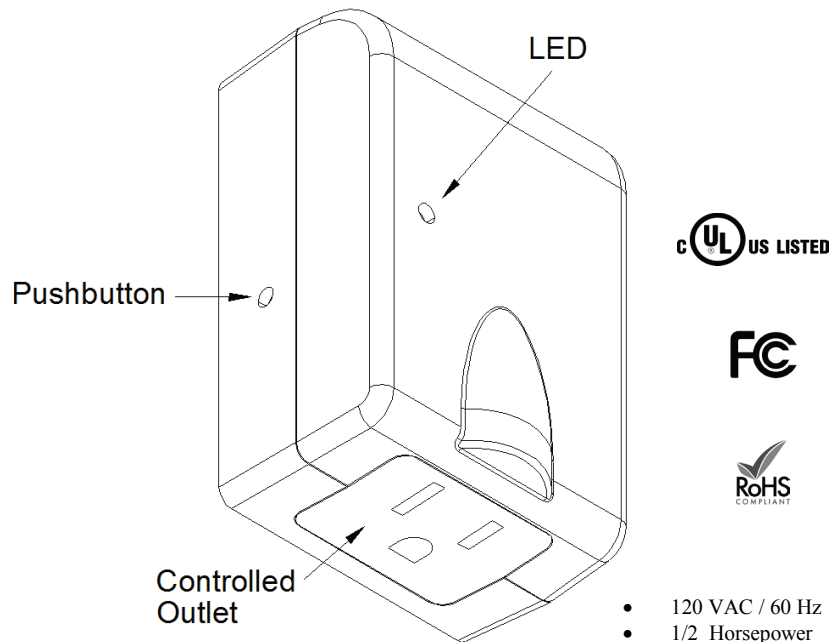
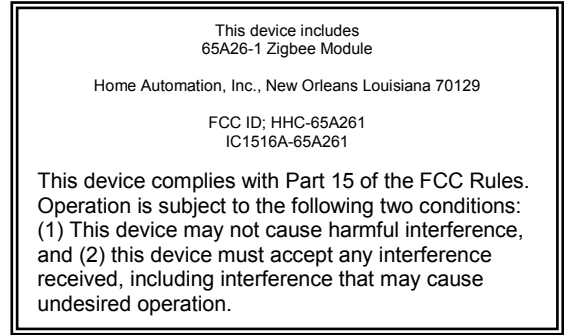
#### Disbanding the 89A00-1ZB LCM from ZigBee Network

- 1) Confirm LCM is currently in network (i.e. any LED state except blinking 1/Second at 50% On).
- 2) Press and hold Pushbutton for 6-8 seconds.
- 3) Release Pushbutton for 6-8 seconds.
- 4) Press and hold Pushbutton for 6-8 seconds, until the LED changes to blinking 1/Second at 50% On.
- 5) Device is disbanded.

### LED STATUS INDICATOR

The LCM uses a status LED to indicate the current mode of operation. The states of the LED are the following:

| STATUS      | RATE            | DESCRIPTION                                                              |
|-------------|-----------------|--------------------------------------------------------------------------|
| OFF         | 0% On           | Device is malfunctioning or connected improperly, device has no power.   |
| ON          | 100% On         | Device is currently in override mode, the load is turned off.            |
| SHORT BLINK | 1/Second 10% On | Device is currently in network and not in override (operating normally). |
| LONG BLINK  | 1/Second 50% On | Device is currently not in a Network.                                    |
| QUICK BLINK | 7/Second 50% On | Device is currently trying to join network (sending beacons).            |
| FAULT       | 2/Second 20% On | Device is experiencing fault conditions.                                 |



This product employs certain elements from one or more of the following U.S. Patents: IP CO, LLC: 7,089,125; 7,054,271; 6,249,516; 6,044,062. SIPCO LLC: 7,103,511; 6,914,893; 6,891,838; 5,714,931; 6,233,327; 7,397,907; 6,618,578; 7,079,810; 7,295,128; 7,263,073; 7,480,501; 6,437,692; 7,468,661; 7,053,767; 7,650,425; 7,739,378.