



Operation Manual

Dimmer module

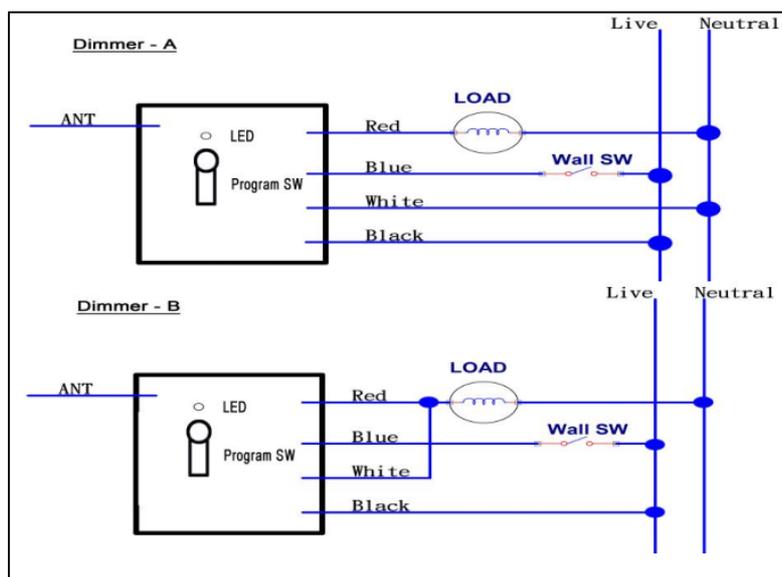
CM-DS211

Introduction

Thanks for choosing the Comax's Dimmer for the home automation device. This module is a Z-Wave™ enabled device (interoperable, two-way RF mesh networking technology) and is fully compatible with any Z-Wave™ enabled network. Every main powered Z-Wave enabled device acts as a signal repeater and multiple devices result in more possible transmission routes which helps eliminate "RF dead-spots"

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. This module will send On/Off signal to the appliance that attached to this module by receiving Z-Wave™ signal from controller or manually switch(s). With special design, this module can fit into most electric box.

Product Description



Note: Place antenna toward the surface and away from metal to get better signal.

Specification:

Protocol: Z-Wave
Frequency Range: 868.4MHz
Operating Range: Up to 50M line of sight
Operating Temp.: -10°C to 50°C
Resistive Load: 300W for 220VAC

Installation

- For "ADD" in (adding to) a network: Put the Z-Wave™ Interface Controller into "add" mode, and follow its instruction to add the On/Off Module to your controller. The distance between module and controller is suggested to be in one meter. Auto-inclusion is built-in by default. For manual configuration, please turn the switch connected to the On/Off module 4 times.
To "DELETE" from a network: Put the Z-Wave™ Interface Controller into "Delete" mode, and follow instruction to delete the module from your controller. Please turn the switch connected to On/Off module 4 times to exclude.
- Manually turn the connected lighting On/Off by your controller or pressing the Program SW. This is toggle switch. If the light is OFF, pressing the Program SW turns the light ON and vice versa.
- Status of "ON" (Binary Switch Set (0xFF) or All Switch (ON)), status of "OFF" (Binary Switch Set (0x00) or All Switch (OFF))
- Dimmer Function: Adjust the brightness level of the connected lighting by your controller or manual switch on the wall (after Installation). Release the switch on the wall when the desired level is attained. This is a toggle function. The lighting will dim until the minimum level is attained or the switch is released. The next time the switch is pressed and held, the level will increase until the maximum level is attained or the switch is released.
- Protection Function: User can use the Protection command class to disable the Program

SW.

(1)Protection State=0x00 (Unprotected, Program SW acts as normal);

(2)Protection State=0x01 (Protection by sequence, user can manual turn the appliance on/off
By press Program SW 3 times, instead of 1 time);

(3)Protection State=0x02 (No operation possible, temporarily turn the Program SW function off).

6. Configuration:

(1) Auto Close Value-Parameter =1, 1byte Value=1~98 (Default: 1)

Get rid of the LED's blinking issue at the low watt, user could use this function. (2) AC Switch Type-Parameter =2, 1byte Value=0~1 (Default: 1)

(0: 2-Way Single Pole Switch, 1: Push Button)

* 2-Way Single Pole Switch: On/Off Function

* Push Button : On/Off/Dimmer Function

7. Repeater & Explorer Frame: Support repeaters for routing (include FLIRS) & Explorer Frame

8. Reset: Press and hold the Program SW before power up.

Warranty terms

Comax Guarantees that every Dimmer is free from physical defects in material and workmanship under normal use for one year from the date of purchase. If the product proves defective during this one-year warranty period, Comax will replace it free of charge.

Note: This warranty does not apply to

- Damage to units caused by accident, dropping or abuse in handling, or any negligent use.
- Units which have been subject to unauthorized repair, taken apart, or otherwise modified
- Units not used in accordance with instruction
- Damages exceeding the cost of the product
- Transit damage, initial installation costs, removal cost, or reinstallation cost.