Touch Panel Switch

MH-S511-US

Introduction

MCOHome Touch Panel Switch is a wall switch with built-in Z-Wave module. It supports basic command class，association command class, which can control all associated devices synchronously. This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from any other manufacturers.

Specifications

Power supply: AC120V, 60Hz
Frequency: 908.42MHz
Resistance load: 3.5A
*LED load: <1A together
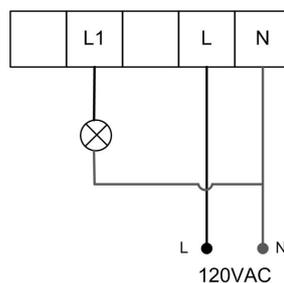Load type: Incandescent, Fluorescent, Ballast, Motor, CFL

Installation Instructions

IMPORTANT:
- A qualified electrician with the understanding of wiring diagrams and knowledge of electrical safety should complete the installation inside the main circuit box (normally outside your house)
- Read all instructions and documentation and save for future reference

Step1 Preparing
CAUTION: Cut off power supply at circuit breaker or fuse before installation to avoid fire, shock or death!

Step2 Wiring   (standard strip length: 6-8mm)

1. Separate the device into two parts: the touch panel and the bottom.
2. Connect Hot Line to "L" on the bottom.
3. Connect Neutral Line to "N".
4. Connect Load wire to "L1".
5. Secure the bottom onto the junction box with two screws, and then mount the touch panel back.

* Note: If a higher output needed, pls choose model MH-S511H -US instead. (LED load: <10A , inrush current<165A/ 20ms)

Operation

INCLUDING the Touch Panel Switch into your network

1. Set the controller into INCLUSION mode. Follow instructions provided by controller manufacturer.
2. Press and hold the key on the panel for 8 seconds.

Note: If inclusion is successful, INDICATION LED on the panel will turn green, and switch will turn on.

EXCLUDING the Touch Panel Switch from your network

1. Set the controller into EXCLUSION mode. Follow instructions provided by controller manufacturer.
2. Press and hold the key on the panel for 8 seconds.

Note: If the exclusion is successful, INDICATION LED on the panel will turn orange, and switch will turn off. The exclusion will delete all association data.

Turning on/off the Touch Panel Switch

The Touch Panel Switch can be controlled by:
- Pressing the key.
- Sending commands through controller or gateway.（the command classes which support this function are Basic Command Class, Binary Command Class, Switch All Command Class, and Multi Channel Command Class.）

Setting Association

To set association groups by the command "COMMAND_CLASS _ ASSOCIATION".

The switch supports 2 association groups. The first group is used for switching associated devices，and it can support up to 5 nodes or terminals. The 2nd association group is used for reporting devices' state to the controller if any changes happen. This group supports one node, which defaults to controller node.

For the first group, the touch panel switch will send basic set command to related association groups when setting switch state by gateway or key-pressing. Then the switch states of associated devices and their related key will be synchronic. For the 2nd group, a report will be sent to associated controller by it when any state changes happen in other group.

Restoring Factory Settings

Pls follow the EXCLUDING operation to restore the factory setting.

SAFETY NOTICE

1. Flush-mount only into a UL/ETL/CE certified plastic junction box and switch panel cover. The minimum size should be 90*60*50mm, minimum Volume is 270cm^3.
2. Use Copper Conductors Only.
3. CAUTION - Risk of Electric Shock - More than one disconnect switch may be required to de-energize the equipment before servicing.

FCC Warning (Part 15.21) (USA only)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Interference Statement (Part 15.105 (b)) (USA only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

1-year Limited Warranty

MCOHome warrants this product to be free from defects in material and workmanship under normal and proper use for one year from purchase date of the original purchaser. MCOHome will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. THIS LIMITED WARRANTY DOES NOT COVER ANY DAMAGE TO THIS PRODUCT THAT RESULTS FROM IMPROPER INSTALLATION, ACCIDENT, ABUSE, MISUSE, NATURAL DISASTER, INSUFFICIENT OR EXCESSIVE ELECTRICAL SUPPLY, ABNORMAL MECHANICAL OR ENVIRONMENTAL CONDITIONS, OR ANY UNAUTHORIZED DISASSEMBLY, REPAIR OR MODIFICATION. This limited warranty shall not apply if: (i) the product was not used in accordance with any accompanying instructions, or (ii) the product was not used for its intended function. This limited warranty also does not apply to any product on which the original identification information has been altered, obliterated or removed, that has not been handled or packaged correctly, that has been sold as second-hand or that has been resold contrary to Country and other applicable export regulations.