Minoston™

MS12Z Smart ON/OFF Toggle Switch Manual

Federal Communications Commission (FCC) Statement
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: 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 caus 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 or more 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.This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
IC Caution:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
DECLARATION DE CONFORMITE D'INDUSTRIE CANADA
Ce périphérique a été testé et reconnu conforme aux limites spécifiées dans RSS-210.
Son utilisation est soumise aux deux conditions suivantes :
(1) il ne doit pas provoquer d'interférences gênantes et
(2) il doit tolérer les interférences re.ues, notamment cellessusceptibles d'en perturber le fonctionnement.

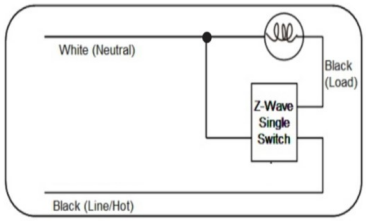
Smart ON/OFF Toggle

WARRANTY

Minoston Products warrants this product to be free from manufacturing defects for a period of two years from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product.

This warranty is in lieu of all other warranties, expressed or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you.

This warranty gives you specific rights, and you may also have other rights which vary from state to state. if the unit should prove defective within the warranty period.



SPECIFICATIONS

Model:MS12Z
Power: 120 VAC, 60 Hz.
Signal (Frequency): 908.42 MHZ.
Dimension(L*W*H):115*71*42(mm)
Maximum Loads: 600W, incandescent,
½ HP Motor or 1800W (15A) Resistive
Range: Up to 100 feet line of sight between the Wireless Controller and the closest Z-Wave receiver module.
Operating Temperature Range: 32-104° F (0-40° C)
For indoor use only.
Specifications subject to change without notice due to continuing product improvement
Website www.NIE-TECH.com

WARNING

RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS
CONTROLLING APPLIANCES:
EXERCISE EXTREME CAUTION WHEN USING Z-WAVE DEVICES TO CONTROL APPLIANCES. OPERATION OF THE Z-WAVE DEVICE MAY BE IN A DIFFERENT ROOM THAN THE CONTROLLED APPLIANCE, ALSO ANUNINTENTIONAL ACTIVATION MAY OCCUR IF THE WRONG BUTTON ON THE REMOTE IS PRESSED. Z-WAVE DEVICES MAY AUTOMATICALLY BE POWERED ON DUE TO TIMED EVENT PROGRAMMING. DEPENDING UPON THE APPLIANCE, THESE UNATTENDED OR UNINTENTIONAL OPERATIONS COULD POSSIBLY RESULT IN A HAZARDOUS CONDITION. FOR THESE REASONS, WE RECOMMEND DO NOT RETURN THIS PRODUCT TO THE STORE
THE FOLLOWING:
DO NOT USE Z-WAVE DEVICES TO CONTROL ELECTRIC HEATERS OR ANY OTHER APPLIANCES WHICH MAY PRESENT A HAZARDOUS CONDITION DUE TO UNATTENDED OR UNINTENTIONAL OR AUTOMATIC POWER ON CONTROL.

1. Getting To Know Your New Z-Wave Device

Turn ON/OFF manually or remotely via the Z-Wave controller

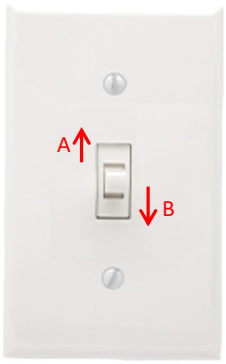
- Can be Included in multiple Groups and Scenes
- Compatible with all incandescent and CFL/ LED bulbs
- Blue LED indicates switch location in a dark room
- Z-Wave Certified for simple pairing and integrated home automation

• Screw Terminal Installation — requires wiring connections for Line (Hot), Load, Neutral.

WARNING — SHOCK HAZARD

Turn OFF the power to the branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the power OFF to avoid personal injury and/or damage to the switch.

A. Up Push button
B. Down Push button
C. Nin (White) - Nutral in
D. Lin (Black) - Line in
E. Load (Black)



Single switch wiring

1. Shut off power to the circuit at circuit breaker or fuse box.
   IMPORTANT! Verify power is OFF to switch box before continuing.
2. Remove wall plate.
3. Remove the switch mounting screws.
4. There are up to three screw terminals on the switch; these are marked
   C. Nin — White(Nutral)
   D. Lin — Black (connected to power)
   E.Load — Black (connected to lighting)
5. Observe Important Wiring Information

IMPORTANT!: This switch is rated for and intended to only be used with copper wire. Wire Gauge Requirements
Use larger wires suitable for at least 80° C for supplying Line (HOT), Load, Neutral connections.

Wire strip length:

For attachment to screw terminals: Strip insulation 1" , For attachment using the enclosure's holes: Strip insulation 5/8".

6. Connect the black wire that goes to the light to the terminal marked Load.
7. Connect the black wire that comes from the electrical service panel (Hot) to the terminal marked Lin.
8. Connect the white wire to the neutral terminal marked Nin (use jumper wire if needed).
9. Insert Switch into the switch box being careful not to pinch or crush wires.
10. Secure the Switch to the box using the supplied screws.
11. Mount the wall plate.
12. Reapply power to the circuit at fuse box or circuit breaker and test the system.

Basic Operation

The connected light can be turned ON/OFF in two ways,

1. Manually from the front button of the In-wall Switch
2. Remotely with a Z-Wave Controller

Manual Control

The Front button allows the user to:
Turn ON/OFF the connected fixture.
To turn the connected fixture ON: Press the Up push button.
To turn the connected fixture OFF: Press the Down push button.

2. Linking your Z-Wave device

Reset switch to factory default:

Use controller to remove device from network will reset it to factory default.

Adding device into the network:

1. Follow the instructions for your Z-Wave certified controller to include a device to the Z-Wave network.
2. Once the controller is ready to include your device, triple press the Up/Down push button to include it in the network.
3. Once your controller has confirmed that the device has been included, refresh the Z-Wave network to optimize performance.
4. The device is associated in the same group when it included in setting process.Now you can control yc Z-Wave device according to groups, scenes, schedules and automation programmed. If your controlle

features remote access, you can now control all devices in Z-Wave network from mobile devices.

To exclude the device

1. Follow the instructions for your Z-Wave certified controller to exclude a device from the Z-Wave netwo
2. Once the controller is ready to Exclude your device, triple press the Up/Down push button to exclude it from the network.

Note: Your controller may need to be within 10 feet of the device to be included.

All non-battery nodes within Z-Wave network will act as repeater.

The association group supports five nodes and lifeline function.

Use this procedure only in the event that the network primary controller is missing or otherwise inoperable.

Package content

In-wall Smart Switch-1pcs
Screw-3 pcs
Installation Operation manual-1pcs