Quick Start Guide

INSTEON® Micro Open/Close (Shutter)
Model: 2444-222/2444-422/2444-522

LED

Sense #2
(down - purple)

Sense #1
(up - yellow)

North America

Antenna

EU/AUS/NZ

What's Needed

- Slotted #1 screwdriver
- Philips screwdriver
- Voltage meter
- Wire cutter/stripper

Installing Micro Module

Installation should only be performed by a qualified electrician or a homeowner who is familiar and comfortable with electrical circuitry. If you have questions, consult an electrician or call the INSTEON Support Line at 866-243-8022

1) Write down the INSTEON ID found on the back of the unit (XX.XX.XX)
2) Turn off breaker/fuse and verify that the power is off
3) Disconnect wires from existing switch, fixture or outlet and prep all wires to be connected to Micro module, with 3/16" (5mm) of bare wire on the ends
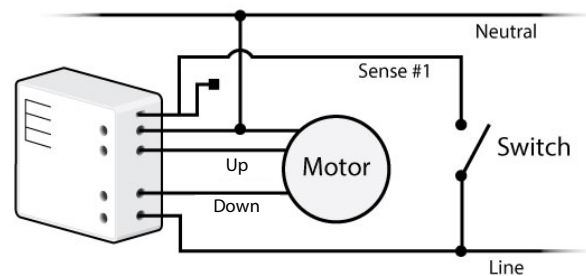4) Connect wires per diagram which corresponds to your installation

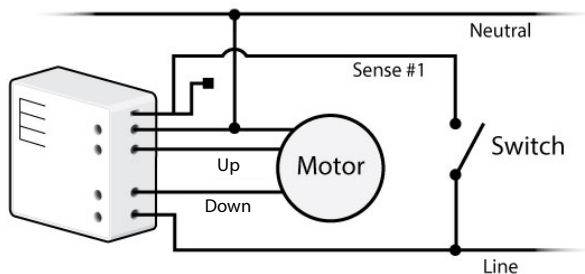Note: sense lines carry very low current (~0.35mA 240V, ~0.17mA for 120V)
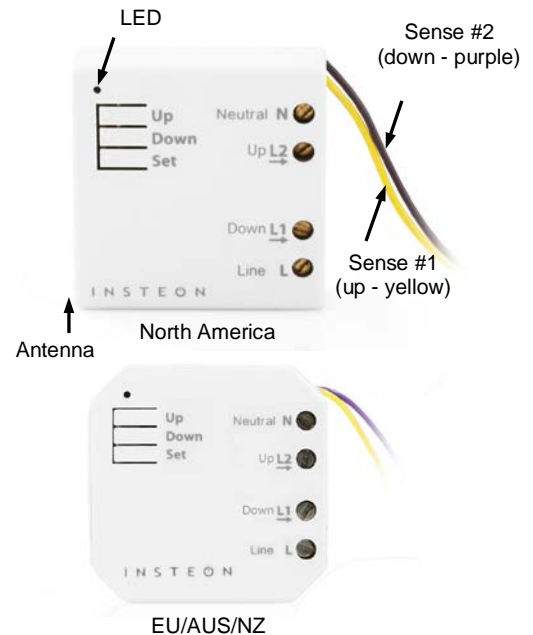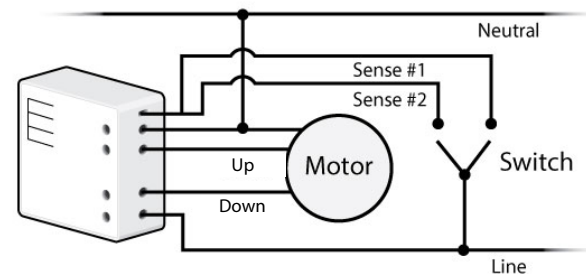

Without Switch
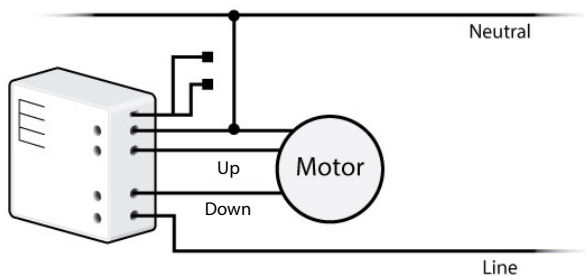
Latching

Single Momentary

Dual Momentary

5) After ensuring wires are firmly connected and that there is no exposed wire, turn on breaker/fuse
   After a few seconds, Micro module LED will turn green
6) Test by tapping Micro module up/down buttons
   Motor will respond accordingly
   Micro Module LED will turn green when motor is moving up/open and stay green until the down button is pressed
   Micro Module LED will turn red when motor is moving down/closed and stay red until the up button is pressed
7) If installing a single momentary or dual momentary switch
   a) Press and hold set button until it beeps
      LED will start blinking green
   b) Press and hold set button until it beeps a second time
      LED will start blinking red

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c) Press and hold set button until it beeps a third time
LED will start blinking green
d) Perform the step that applies
- For single momentary: slowly tap set button four times
LED will continue blinking green
- For dual momentary: slowly tap set button five times
LED will start double-blinking green
- To switch back to latching: slowly tap set button six times
LED will start blinking green
e) Once the mode is selected, press and hold set button until it double-beeps
LED will stop blinking and turn green if motor is up/open or red if motor is down/closed

Calibrate Micro Module

Once wired in, you need to calibrate Micro module for the time it takes for your application—shutters, blinds, projector screens, etc.—to fully raise/lower or open/close. Do not walk away during the calibration process as your set button taps will determine the timing. These settings can also be configured remotely via software (sold separately).

1) Press and hold set button until it beeps
LED will start blinking green
2) Press and hold set button until it beeps again
LED will start blinking red
3) Press and hold set button until it beeps a third time
LED will start blinking green
4) Press and hold set button until it beeps a fourth time
LED will start blinking red
5) Slowly tap set button twice
LED will continue blinking red
6) Press and hold set button until it beeps
Motor will begin travelling one direction
7) As soon as motor is fully lowered (or raised), tap set button
Motor will begin travelling the opposite direction
8) As soon as motor is fully raised (or lowered), tap set button
*Micro module will double-beep*

Reverse Motor Direction

For some applications, such as a projector screen, you want the connected motor to lower or close your connected screen or blinds when you press the up button or send an on command. Or you may have accidentally wired Micro module into the motor wrong. However, you don't have to rewire Micro module to fix it. Follow these steps to reverse the motor direction in response to commands (i.e., an on command will close/lower while an off command will open/raise).

1) Press and hold set button until it beeps
LED will start blinking green
2) Press and hold set button until it beeps again
LED will start blinking red
3) Press and hold set button until it beeps a third time
LED will start blinking green
4) Press and hold set button until it beeps a fourth time
LED will start blinking red
5) Slowly tap set button three times
LED will continue blinking red
6) Press and hold set button until it double-beeps
7) Test by tapping connected switch up and down
*Motor will now operate in the reverse direction*

Make Micro Module a Responder

1) Press and hold controller set button until it beeps
Controller LED will start blinking
2) You will have four minutes to complete the next steps before linking mode times out
Adjust motor connected to Micro module to desired level
3) Press and hold Micro module set button until it double-beeps
Controller will double-beep and its LED will stop blinking
4) Test link by tapping controller button on and off or pressing and holding to brighten/dim
The motor connected to Micro module will respond appropriately

Controller → Micro module (Responder)

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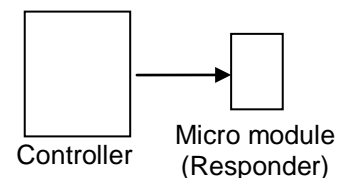
Make Micro Module a Controller

These settings can be configured remotely via software (sold separately). You can also add Micro module to your network manually by following the instructions below. *Note: you must perform these steps before reinstalling the wall switch.*

1) Press and hold Micro module set button until it beeps
   Micro module LED will start blinking green
2) You will have four minutes to complete the next steps before linking mode times out
   Adjust responder to desired state
3) Press and hold responder set button until it double-beeps
   Micro module will double-beep and its LED will stop blinking
4) Test link by tapping switch connected to Micro module to turn up/down
   Responder will respond appropriately

Micro module
(Controller)   Responder
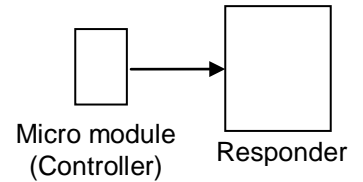
Assign an X10 Address

1) Press and hold Micro module set button until it beeps
   Micro module LED will start blinking green
2) Send the X10 address 3 times (with or without commands)
   Example: A1-A1-A1-AON or A1-AON-A1-AON-A1-AON
   Micro module will double-beep and its LED will stop blinking
3) Test by sending X10 on and off commands
   The motor connected to Micro module will respond appropriately

Owner's Manual and Tech Support

Visit: http://www.insteon.com/support for complete manual, online tech support and latest product documents.
Call: INSTEON Support Line at 866-243-8022

FCC Compliance

This device complies with Part 15 of the FCC Rules and 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.

Le présent appareil est conforme à l'article 15C des règlements de la FCC et CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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