

# Quick Start Guide

## INSTEON® DIN Rail Dimmer

Models: 2452-222, 2452-422, 2452-522

### Tools Needed

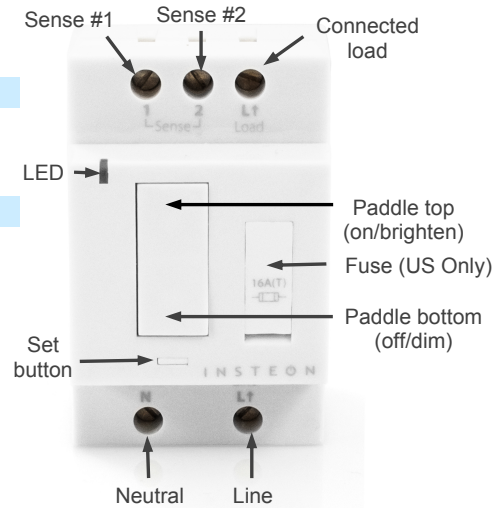
- Bladed #1 screwdriver
- Voltage meter
- Wire cutter/stripper

### Installing INSTEON DIN Rail

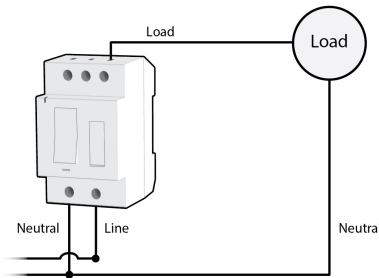
Installation should only be performed by a qualified electrician or a homeowner who is familiar and comfortable with electrical circuitry. If you have questions, consult an electrician or call the INSTEON Support Line at 800-762-7845

- 1) Turn off breaker/fuse and verify that the power is off
- 2) Prep all wires to be connected to DIN rail, with 5/16" (8mm) of bare wire on the ends
- 3) Snap module onto DIN rail
- 4) Connect wires per diagram which corresponds to your installation

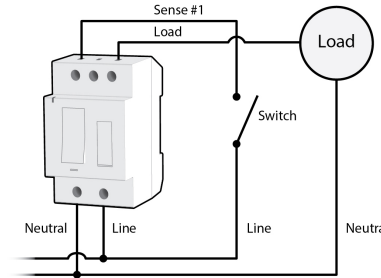
Note: sense lines carry very low current (~0.35mA 240V, ~0.17mA for 120V)



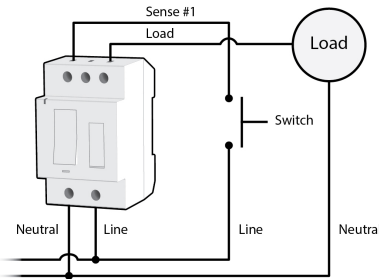
Without Switch



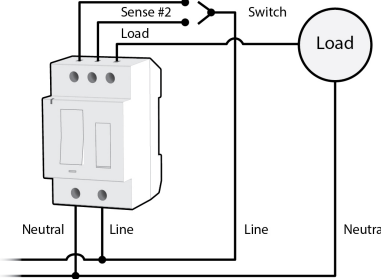
Latching



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, load will turn on and DIN Rail LED will turn on green*
- 6) Test by tapping DIN Rail paddle top and bottom  
*Load will turn on and off*  
*Din Rail LED will turn green when load is on and red when load is off*
- 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*
  - c) Press and hold set button until it beeps a third time  
*LED will start blinking green*

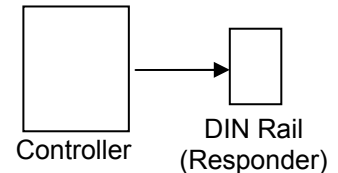
- 8) If a momentary switch is connected, perform the step that applies
  - For single momentary: slowly tap set button four times  
*LED will continue blinking green*
  - For dual momentary: slowly tap set button five times  
*LED will start double-blinking green*
  - To switch back to latching: slowly tap set button six times  
*LED will start blinking green*

Once the mode is selected, press and hold set button until it double-beeps  
*LED will stop blinking and turn green if load is on or red if load is off*

### Make DIN Rail a Responder

Control DIN Rail from another INSTEON device:

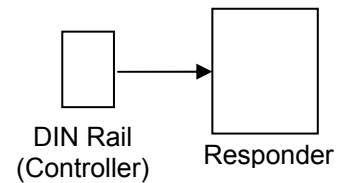
- 1) Press and hold controller button until it beeps  
*Controller LED will start blinking*
- 2) Press and hold DIN Rail paddle top or bottom to adjust load to desired brightness (or off) when scene is activated  
*Connected load will respond appropriately*
- 3) Press and hold DIN Rail set button until it double-beeps  
*Controller will double-beep and its LED will stop blinking*
- 4) Test by tapping controller button on and off  
*Connected load will return to the state set in step #2*



### Make DIN Rail a Controller

Use DIN Rail to control other INSTEON devices:

- 1) Press and hold DIN Rail set button until it beeps  
*DIN Rail LED will start blinking green*
- 2) Turn responder on (or any other state such as on 50% or even off)
- 3) Press and hold responder set button until it double-beeps  
*DIN Rail will double-beep and its LED will stop blinking*
- 4) Test by tapping DIN Rail paddle top and bottom  
*Responder load will respond appropriately*  
*Din Rail LED will turn green when load is on and red when load is off*



### Assign an X10 Address

- 1) Press and hold DIN Rail set button until it beeps  
*DIN Rail 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*  
*DIN Rail will double-beep and its LED will stop blinking*
- 3) Test by sending X10 on and off commands  
*Load will turn on and off*

### 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 and IC Warnings

This device complies with FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.  
Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorise aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, mme si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTION - To reduce the risk of overheating and possible damage to other equipment do not install to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.  
Gradateurs commandant une lampe a filament de tungstene – afin de reduire le risqué de surchauffe et la possibilite d'endommagement a d'autres materiels, ne pas installer pour commander une prise, un appareil a moteur, une lampe fluorescente ou un appareil alimente par un transformateur.