

The INSTEON DIN-Rail Dimmer module clips directly onto a 35mm DIN rail and wires to load, power and neutral.

Easily installed by a licensed electrician.

- Simply clip onto 35mm DIN rail and wire like any other INSTEON switch
- Optional sense wires allow for control via a connected, hard-wired switch
- Compatible with latching, single momentary and dual momentary switches
- Award-winning INSTEON dual-mesh technology

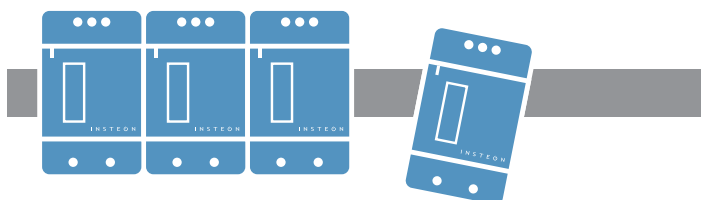
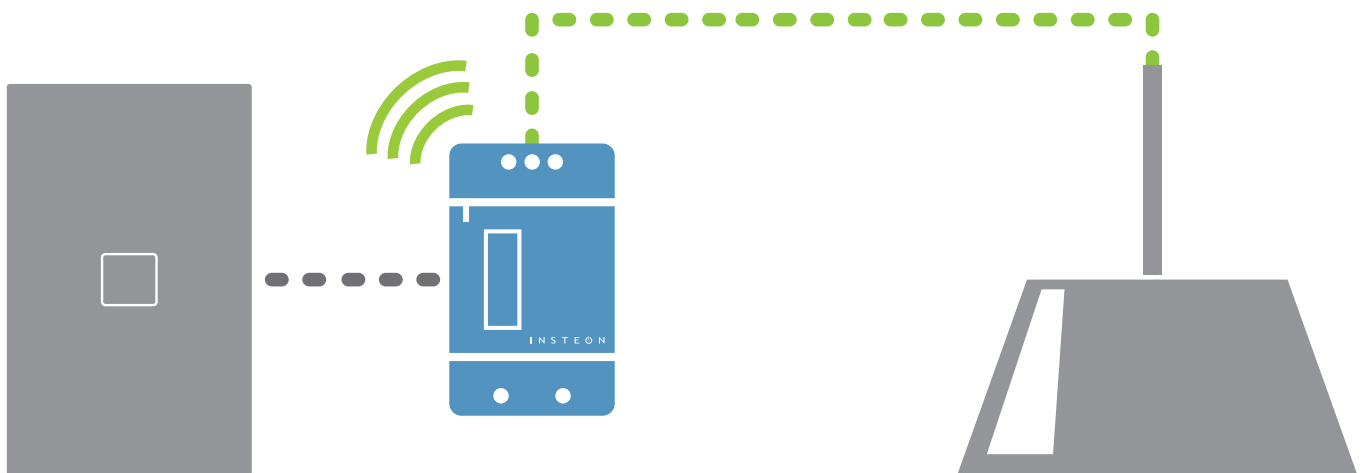


## Overview

When planning the electrical wiring for your home or business, avoid adding too many wall switches in a single location. Wall switches ganged together cause confusion and can quickly ruin the aesthetic of a room. Instead consider adding a single INSTEON controller to control all the lighting. It's easy when combined with INSTEON DIN-Rail products.

## How it works

The DIN-Rail Dimmer module clips directly onto a 35mm DIN rail and wires to load, power and neutral. Link it to an INSTEON controller or any other INSTEON device for full dimmable, remote control over the module and it's connected load. Specifically, the INSTEON DIN-Rail Dimmer module is compatible with the "Top hat rail EN 50022" (sometimes referred to as a Type O or Type Ω). The DIN-Rail Dimmer module will fit either variation of this style DIN rail (either 15 or 7.5 mm "high").



## Rack 'em up

A DIN rail is simply a metal rail on which compatible products (circuit breakers, switches, etc.) can be snapped on to.

## General

Product Name:	INSTEON DIN-Rail Dimmer
Product Code:	2452-522
Recommended Retail Price:	\$79
In the box:	INSTEON DIN-Rail Dimmer, Quick Start Guide
Warranty:	2 Years

## INSTEON

INSTEON Power line Mesh Repeater:	Yes
INSTEON RF Mesh Repeater:	Yes
INSTEON Controller:	Yes
INSTEON Responder:	Yes
Maximum links/scenes:	400
Load brightness levels:	32 locally (256 with software)
Status LED:	Green / On, Red / Off, Blinks green or red during setup, Blinks red to indicate traffic
LED brightness:	Adjustable from off to 100% bright
Local on-level:	Adjustable from 32 fixed brightness levels or resume dim
Local ramp rate:	Adjustable from 0.1 second to 5 seconds locally (0.1 seconds to 8 minutes with software)
Commands supported as controller:	On / Off, Fast On / Fast Off, Begin brighten / End brighten, Begin dim / End dim
Commands supported as responder:	On/Off, Fast On/Fast Off, Begin bright/End bright, Begin dim/End dim, Inc. bright/Inc. dim
Software configurable:	Yes
RF range:	Up to 50 meters open air
X10 support:	Yes (X10 address: any 1 of 256 - unassigned by default)

## Mechanical

Mounting:	35mm (top hat) DIN rail
Casing:	UV stabilized plastic (INSTEON White)
Set button:	Yes
Beeper:	Yes
Beep on button press:	Optional (off by default)
LED:	1 RGB
Dimensions & Weight:	80mm W x 53mm H x 63mm D - 175g
Operating Conditions:	Indoors, 0° C to 40° C, up to 90% relative humidity

## Electrical

Voltage:	100VAC to 240VAC ( $\pm 10\%$ )
Frequency:	50/60Hz auto-detected at power-up
Max. load:	300W at 100-240VAC
Load types:	Lighting: Incandescent, dimmable LED, dimmable CFL, dimmable halogen
Retain all settings without power:	Yes, saved in non-volatile EEPROM
Standby power consumption:	<1W
Safety approved:	Approved for use in Australia and New Zealand