

## In-line Switch Module

### A simple solution for wireless control of lighting and appliances.

The In-line Switch Module uses radio frequency technology to communicate with other EnOcean-based products and provides an amazingly simple solution for control of lighting and other electrical loads. The module's compact size enables flexible installation inside of or next to electrical boxes and fixtures so it can be easily wired out of sight using standard wiring practices. Simply link the module to an EnOcean-based motion sensor, switch or rocker pad and experience levels of efficiency and convenience that can only be achieved through wireless controls.

### Features & Benefits

- **Interoperable.** Communicates wirelessly with other devices using the EnOcean wireless standard.
- Enables ON/OFF switching of lights and other electric loads.
- Two molded buttons with LED indicator lights can be used to configure or manually control the device.
- Compact size enables flexible installation inside or next to electrical boxes and fixtures.
- Electric surge protection exceeds IEC61000-4-5 installation class 4.
- Commission your fixtures with EnOcean's intuitive, easy-to-use wireless ReComm software to link devices and set parameters (e.g. timeouts) from a laptop computer. Manual push buttons may also be used for linking and simple commissioning.



EISM



# In-line Switch Module

## Specifications

Power Supply	120/277VAC, 50/60Hz
Maximum Load	General Purpose: 16A @ 120/277VAC Resistive: 16A @ 120/277VAC Motor: 1/2 HP @ 120VAC Tungsten: 960W @ 120VAC Ballast: 600W @ 120VAC
Power Consumption	1.1W full load, 500mW quiescent
Surge Protection	3kV line to line, exceeding IEC61000-4-5 installation class 4
Inputs/Outputs	<ul style="list-style-type: none"> <li>Flying-lead style power input wires</li> <li>1 normally open relay</li> <li>1 switched output wire</li> <li>Radio Frequency (RF) transceiver</li> <li>2 Buttons with LEDs for device configuration &amp; manual control</li> </ul>
RF Communications	EnOcean 902 MHz
Transmission Range	80ft. (25m)
Dimensions	2.78" H x 1.65" W x 1.1" D (73mm x 42mm x 28mm)
Weight	3.2oz. (90g)
Mounting	<ul style="list-style-type: none"> <li>Install inside standard electrical box</li> <li>Connect to electrical boxes and fixtures using threaded nipple</li> </ul>
Environment	<ul style="list-style-type: none"> <li>Indoor use only</li> <li>32° to 104° F (0° to 44° C)</li> <li>20% to 85% relative humidity (non-condensing)</li> </ul>
Agency Compliance	ETL, FCC and IC Certified, UL 2043 Plenum Rated 902 MHz Contains: FCC: SZV-STM300U IC: 5713A-STM300U
EnOcean Equipment Profile	A5-11-01
Interoperable Products / EEPs (EnOcean Equipment Profiles)	Rocker Pad Switch (F6-02-02) Key Card Switch (F6-04-01) 1BS Single Input Contact (D5-00-01) Occupancy Sensor (A5-07-01) Occupancy Sensor (A5-07-02) Occupancy Sensor (A5-07-03) Contact, single input (A5-30-02)

## Ordering information

Item Number	Item Description	Color
EISMU-W-EO	In-line Switch Module, 902MHz	White

## Typical Applications

The In-line Switch Module can be used in conjunction with EnOcean-enabled rocker pads, sensors and occupancy detection devices to provide local or remote on/off switching of lighting fixtures and other electrical loads. It utilizes standard line voltage wiring and can be conveniently installed within a standard electrical box or mounted to a fixture or box using the threaded connector.

## Energy Harvesting Wireless

Enjoy unlimited flexibility and performance with EnOcean-enabled energy harvesting wireless solutions. Systems that employ this wireless device benefit from limitless supplies of energy and unrivaled flexibility.



1 International Wireless Standard  
300 EnOcean Alliance Members  
1000 Interoperable Products

[www.enocean-alliance.org](http://www.enocean-alliance.org)