Installation Guide

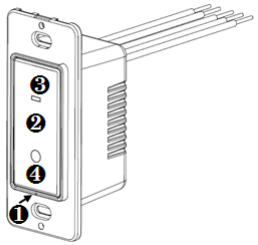
Home Automation Digital Switch PS125

The PS125 is a smart, controllable digital switch, which includes a Light Sensor and Energy Meter, for your home's 2-way circuit or 3-way circuit switch. Together with Controller, PS App (mobile Smartphone /Tablet), and all PS devices (switches, power plugs, dimmers, and sensors), the PS system provides you with the capability to control your home's electrical devices remotely from anywhere in the world for home automation.

WARINGS AND CAUTIONS

- PS125 is intended to be used as an indoor home switch; it should never be used for medical and/or life support equipment
- The operation and activation of PS125 can be controlled remotely in a different place, or by automatic programmed control. As the control may be intentional or unintentional due to programming, wrong button pressed, the result of the operation could be undesirable, unexpected, or even hazardous. Please exercise caution.
- If you are unsure or uncomfortable about performing the installation, please consult a qualified electrician.

Overview & Operation



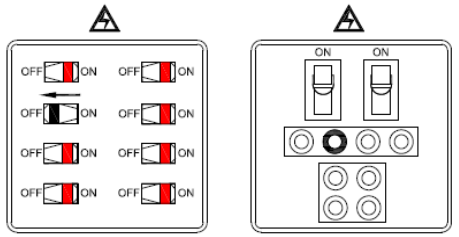
1. PS125 Reset Pin
   - Insert a small pin (e.g. paper clip) to power reset PS125 digital switch
2. Toggle Switch
   - Press to toggle the switch on or off manually
   - Press and hold for 5 seconds to set the switch to scan mode
   - Press and hold for 10 seconds to reset the switch to factory default setting
3. LED
   - **Green and Orange** – Flashing alternatively => In scan mode
   - **Green and Orange** – steady on => Power is off and it is without ID
   - **Green** – steady on => Power is off and it is connected to the controller
   - **Orange** – steady on => Power is off and it lost connection to the controller
   - **Green and Orange** – off => Power is on
4. Light sensor
   - Sense the brightness in the surrounding

Installation

WARNING

To avoid fire, shock, or death, turn off the power at the electrical service panel before you install this device.

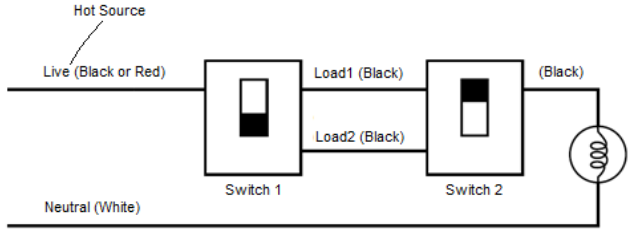
1. Turn off power to your switch at the electrical service panel



Perform either step 2 or step 3 below

2. Procedure to install PS125 to the 3-way circuit switch (2 switches) :

2.1 There are two switches for the 3-way circuit, please review a typical wiring diagram below.



2.2 As there are two switches, we need to identify which switch to be replaced by a PS125 Home Automation Switch. Please follow the steps below to inspect both switches:

- Remove the receptacle's cover & the mounting screws.
- Inspect and identify Ground, Neutral, Live, and Load wires in the receptacle:
  2 Load – always present and it is required (black wire)
  1 Ground – not always present, but it is optional (green wire)
  1 Live – always present and it is required (red or black wire)
  1 Neutral – not always present but it is required (white wire). The Neutral wire is usually present in a screw-on connector.

  IMPORTANT :
  If the Neutral wire is not present, stop and contact support.

- Turn on power at the electrical service panel and use a "voltage detector" to test each Live wire of both switches. The switch to be replaced by PS125 should have the energized Live wire.
- Once the switch to be replaced by PS125 is identified, turn off power to your switch at the electrical service panel

2.3 Disconnect the wires and remove the receptacle from the identified switch where its box has the Live wire.

2.4 Install the PS125 digital switch

- PS125 has five wires: 2 black, 1 red, 1 white, and 1 green.
- Please connect the wires between PS125 to switch using the screw-on connectors (see below)
  - 2 Black wires to 2 Load wires
  - Green wire to Ground wire – if present
  - Red wire to Live wire
  - White wire to Neutral wire

- Mount PS125 into the switch box carefully.
- Screw on the screws
- Attach the switch's plate cover.

IMPORTANT :

The incorrect wires connection will result in switch not working.

3. Procedure to install PS125 to the 2-way circuit switch (1 switch) :

3.1 Follow the steps below to inspect the receptacle in the switch box

- Remove the receptacle's cover & the mounting screws.
- Inspect and identify Ground, Neutral, Live, and Load wires in the receptacle:
  - 1 Load – always present and it is required (black wire)
  - 1 Ground – not always present, but it is optional (green wire)
  - 1 Live – always present and it is required (red or black wire)
  - 1 Neutral – not always present but it is required (white wire). The Neutral wire is usually present in a screw-on connector.

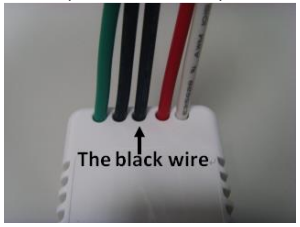
IMPORTANT :

If the Neutral wire is not present, then stop and contact support.

3.2 Disconnect the wires from the receptacle and remove it

3.3 Install the PS125 digital switch

- PS125 has five wires: 2 black, 1 red, 1 white, and 1 green.
- Please connect the wires between PS125 to switch using the screw-on connectors (see below)
  - Black wire (as marked below) to Load wire



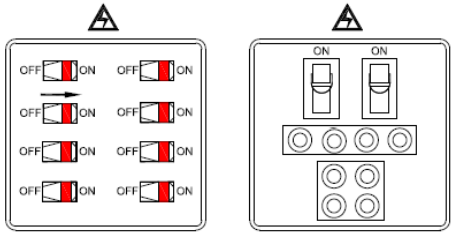
  - Green wire to Ground wire – if present
  - Red wire to Live wire
  - White wire to Neutral wire

- Mount PS125 into the switch box carefully.
- Screw on the screws
- Attach the switch's plate cover.

IMPORTANT :

The incorrect wires connection will result in switch not working.

4. Turn power on to your PS125 digital switch at the electrical service panel.



5. Test the PS125 digital switch by pressing the toggle switch to turn the switch On and Off

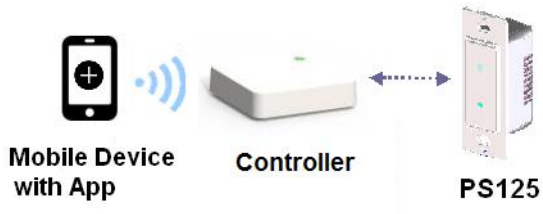
Note:

The orange and green status LED should be on when the switch is off, and should be off when the switch is on. The installation is now complete; you can add your PS125 digital switch to Controller, and control it using PS App.

Link PS125 to the Controller

Download and install the latest PS App to your mobile device, and refer to the walk through instructions from PS App's to add your PS125 digital switch to Controller. The main steps are:

- Use the PS App, set the Controller into the scan mode.
- Press and hold PS125 switch's toggle switch for 5 seconds to set it to scan mode.
- The pairing process between the Controller and PS125 digital switch will now take place.
- The PS App will show the new device, PS125 is added.
- Control PS125 using PS App via the Controller.



FCC Statement

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 cause 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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.