# Installation of the light-controlled switch module




## Overview

Smart light modules (Two versions) These modules work with Philips Hue and other Zigbee smart lights and allow you to control them with your existing wall switch without cutting power to the bulbs.

## Key Takeaways

To connect a light-controlled switch module, you need to wire the live, neutral, and load lines correctly, integrate the module with your switch or sensor, and follow safety precautions to ensure proper operation. Step 1: Safety FirstAlways turn off power at the circuit breaker before starting any installation. Use a non-contact voltage tester to confirm that the wires are not live.

Wear insulated gloves and eye protection to prevent electric shock or injury during installation. Step 2: Identify WiresMost light-controlled switch modules require the following connections: Line (Live/Hot): Incoming power from the breaker (usually black or brown)Load: Wire going to the light fixtureNeutral: Return path (usually white or blue)Ground/Earth: Safety wire (green/yellow)Switch input: For modules that allow a physical wall switch to act as a local trigger Step 3: Connect the ModuleLine to Module: Connect the live wire from the breaker to the module's Line (L) input. Load to Module: Connect the module's output (L out) to the light fixture's live wire.

Neutral Connection: Connect the module's Neutral (N) to the fixture neutral and the circuit neutral. Switch Wiring: If using a wall switch, connect it between the module's switch terminals (S1/S2) so it can act as a local trigger. For wireless modules, you may only need to connect power and neutral, then configure the module via an app or smart home system.

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Step 4: Secure the ModulePlace the module inside the wall box or near the fixture, ensuring wires are neatly arranged and insulated. Avoid cramming wires to prevent overheating or short circuits. Step 5: Restore Power and TestTurn the breaker back on and test the module: Check if the light responds to the wall switch.

Test sensor or app control if applicable. Adjust settings such as dimming levels, schedules, or light sensitivity according to the module's instructions. Step 6: Optional Smart FeaturesMany light-controlled modules integrate with smart home systems like Alexa, Google Home, or Apple HomeKit.

You can: Set timers or schedulesControl lights remotely via smartphoneAdjust brightness or color temperature if supportedAutomate lights based on motion or daylight sensors By following these steps, your light-controlled switch module will be safely installed and fully functional, providing both manual and automated control over your lighting system.

## Article Content

Full Guide For Hue In-Wall Solutions

Smart light modules (Two versions) These modules work with Philips Hue and other Zigbee smart lights and allow you to control them with your existing wall switch without cutting power to the bulbs.

Lighting Control Modules Explained: Features, Types,

A lighting control module is the “control center” for your lighting system. It acts as a bridge between your physical lighting fixtures and the smart

Lighting control installation wiring diagram | EBELONG

EBELONG lighting control installation wiring diagram, triac dimmer, smart wall switch, dual channel and multi-channel lighting controller

Smart Switch Wiring Guide (Single Pole, 3-Way & No Neutral)

This article covers single pole smart switch wiring, 3-way smart switch wiring, and solutions for no neutral smart switches. You''ll also learn how to safely install SONOFF MINI modules step by step.

How to Install a Remote Light Switch and Receiver

Install a remote light switch system easily. Get practical steps, wiring guides, and technical insights on RF and kinetic controls.

Lighting Control System | Smart Lighting Wiring Setup | Full Guide

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This guide covers wiring setup, switch modules, dimming control, sensor setup and panel configuration. Best for electricians, technicians & learners who want to upgrade skills and work...

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Living Now changeover switch for load control in two-way installations: 10AX, 250V AC, blue LED pilot light, modular design. Full-touch operation ensures precise actuation and advanced ergonomic

Light Now

Living Now mobile finishing cover plate for traditional switches features a backlit "light" symbol, self-centering system for perfect alignment, and matte black thermoplastic surface for durability and easy

Lighting Control System | Rako Lighting Solutions

Rako''s smart lighting control system is simple to use, creative, easily installed & cost-effective. Rako''s smart lighting control system leads the way in providing state-of-the-art digital dimming technology,

Pathfinder PF400 Siren & Light Controller | Federal Signal

Designed for ease of installation, the Pathfinder incorporates Convergence Network Configuration Software to deliver a high level of customizable control. Customizable Controls for Police Operations

Light Now

Living Now, mobile cover plate for control devices (switches and MyHOME_UP actuators) features a self-centering system for perfect flatness, satin-finish thermoplastic surface for easy cleaning, and

Commercial grade LED strip lights, tube lights and profiles

Commercial grade LED strip lights and profiles, cut to order. Neon Flex LED, Professional LED tube lights and linear lighting. LED controllers and drivers.

Light Now

Living Now changeover switch allows control of any load, including LED, from a third point in a two-way installation. Features 10AX 250V AC rating, integrated LED orientation light, and ergonomic full-touch

Hue Wall Switch Module without battery and switch

There will be four new products in total, including, for the first time, switch actuators for the smart control of classic ceiling lights. As is well known,

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Light Now

The Living Now mobile cover plate for roller shutter control devices features a self-centering system, durable black thermoplastic construction, ergonomic design, snap-fit installation, and a matte finish

How to Set Up a Smart Light Switch: Installation Guide and ...

Discover how to set up your smart light switch effortlessly! Unveil the benefits, installation steps, and essential considerations for choosing the perfect smart switch.

Upgrade Your Illumination: How to Wire Your Smart Light Switch for ...

Learn the ins and outs of wiring a smart light switch with this comprehensive guide! Discover the advantages, from remote access to energy savings, and follow step-by-step instructions

Wall switch module

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