

SLC631 Smart Relay (Hotel Room Sign Driver)

Quick Start Guide

Safety Handling

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the Smart Relay and other property. Read all the safety notices below before using the Smart Relay.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit on your own.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.

Technical Specifications

Wireless Connectivity

ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee 3.0
RF Characteristics	• Operating frequency: 2.4GHz • Range outdoor/indoor: 100m / 30m • 15 channels • Output Power: 19dBm
Antenna	• Internal Antenna

Physical Specifications

Operating Voltage	• 90~250 Vac 50/60 Hz
Power consumption	• < 1W
Max. Load Current	• 1A/Channel
Operating environment	• Temperature: -20 °C ~+55 °C • Humidity: ≤ 90% non-condensing
Dimensions	• 46.0 (L) x 46.0(W) x18.7(H) mm
Weight	• 32g

1 Welcome



The SLC631 Smart Relay (Hotel Room Sign Driver) is suitable for hotel door display systems. It can control the status of connected devices via relay outputs and can also detect the state of a doorbell (pressed or unpressed).

This guide will provide you with an overview of the product and help you get through the initial setup.

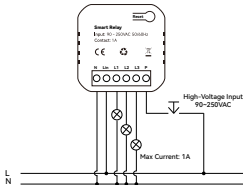
Features:

- Zigbee 3.0 compliant
- Works with any standard ZHA ZigBee Hub
- Upgrades existing lighting to a remote control lighting system (HA)
- 3 Channels(L1/L2/L3), 1 Doorbell status detection(high-voltage) (P)
- Remote control, Schedule the relay to automatically switch on and off, Linkage(On/Off)and Scene

2 Installation

Please refer to the installation diagram below to install the smart relay.

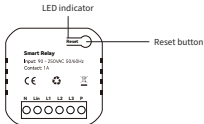
Please make sure the main breaker is off before installing!



Wiring diagram

Note: The maximum current of the relays connected to L1, L2, and L3 shall not exceed 1A. The P terminal is for **high-voltage input**, designed to detect pulsed high-voltage signals similar to doorbell button operations (pressed vs. unpressed states). The input voltage at the P terminal is 90-250V AC.

3 Get to know your device



Reset button

Reset: Press and hold the Reset button for ten seconds. (The LED indicator will flash three times at third second and flash again at tenth second.) Then the LED indicator will start flashing in green, which means it is ready to join the ZigBee network.

LED indicator

The LED status gives the following information:

LED status	What it means
Solid Green	Device has joined a ZigBee network.
Blinking Green	Device has not joined a ZigBee network.

4 Configure Network

4.1 To get started, you will need:

- A Zigbee Gateway.

4.2 Adding to the gateway's network

1. Set your gateway to permit joining (see your gateway's manual).
2. Power on the smart relay and make sure the LED indicator is flashing, If not, please reset it.
3. Make sure the smart relay is in the range of gateway's network. After few seconds the the smart relay will join the gateway automatically and the LED indicator will stop flashing when successfully joined.
4. Now you are able to control the smart relay using the mobile app.

Note: If the adding is failed, please reset the smart relay and try again.