

The Smart LIGHTING PEOPLE

TEQ-SB9100A Smart Switch Manual

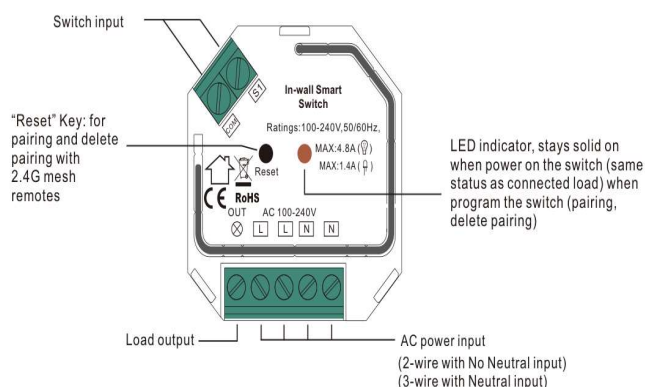
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2.4G Mesh In Wall Smart Switch

70200052

Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Input Voltage	Output Voltage	Output Current	Size(LxWxH)
100-240VAC	100-240VAC	Resistive load: max. 4.8A Capacitive/Inductive load: max. 1.4A	45.5x45x20.3mm

Compatible load types and recommended values of power for supported loads:

Supported load types		100-240V~	
	Resistive loads Conventional incandescent and halogen light sources	20-1000W @ 230V 20-500W @ 110V	
	Capacitive loads Fluorescent tube lamp (compact / with electronic ballast), electronic transformer, LED	Using Bypass: 3-300W @ 230V 3-150W @ 110V	No Bypass Used: 20-300W @ 230V 20-150W @ 110V
	Inductive loads Ferromagnetic transformers	20-300W @ 230V 20-150W @ 110V	

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

- 2.4G mesh in wall switch
- Can operate under two-wire connection with no neutral lead or three-wire connection with neutral lead
- 100-240VAC Wide Input and Output Voltage
- Supports resistive loads, capacitive loads or inductive loads
- 1 channel output, max. load up to 4.8A
- Input and Output with Screw Terminals, Safe and Reliable
- Enables to control ON/OFF of connected light source
- Controlled through both smart App and remote controls, no gateway required
- Easy & quick pairing to the smart App by simply pushing the reset button, supports voice control through Alexa
- Mesh network, much longer control distance, transmits received signal to neighbor devices
- Up to 30m transmission distance between every two neighbor devices
- Encrypted two-way communication, quick status feedback, safe & reliable data transmission
- Compatible with universal 2.4G mesh remotes, each LED controller can pair to max. 8 remotes
- Cloud control is available for remote access, works with Amazon Alexa and Google Home
- Mini Size, Easy to be Installed into a standard size wall box
- Radio Frequency : 2.4GHz
- Waterproof grade: IP20

Main Features:

- Can operate under two-wire connection with no neutral lead or three-wire connection with neutral lead
- Soft start function,
- Works with various types of switches – momentary, toggle, three-way, etc.
- To be installed in wall switch boxes of dimensions allowing for installation, conforming to provisions of applicable regulations,
- The Bypass is an extension unit.

The switch operates under the following loads:

- Conventional incandescent and HV halogen light sources
- ELV halogen lamps (with electronic transformers)
- MLV halogen lamps (with ferromagnetic transformers)
- Compact fluorescent CFL tube lamps with electronic ballast
- Fluorescent tube lamps with electronic ballast
- Supported light sources (power factor > 0.5) with minimal power of 3W using the Bypass (depending on the type of load)

Supported external switch types:

- 1) Push switch (default factory setting)
- 2) Normal On/Off switch (can set through HomeLife APP)

Operation

Do wiring according to connection diagram.

Set LED controller into pairing with 2.4G mesh remote mode



Click the reset button once, or reset power of the controller 3 times continuously

Set LED controller into pairing with HomeLife APP



Double click the reset button, or reset power of the controller 2 times continuously

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Reset the LED Controller to factory setting



Press and hold down the reset button on the controller for over 3 seconds (or reset power of the device 8 times continuously), the connected light flashes, which means well reset

Wiring Diagram

Notes for the diagrams:

L - terminal for live lead

N - terminal for neutral lead

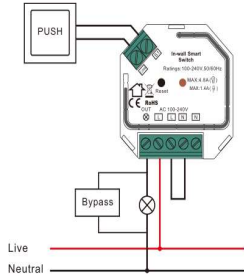
Out - output terminal of the switch (controlling connected light source)

S1 - terminal for switch (has the option of entering the device in inclusion/exclusion mode)

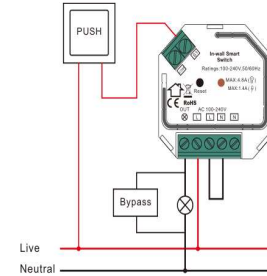
COM - terminal for grounding to the switch connected to the switch

(1) 2-Wire Connection With No Neutral Lead

With PUSH LV



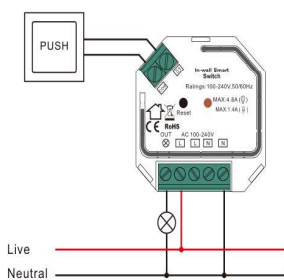
With PUSH



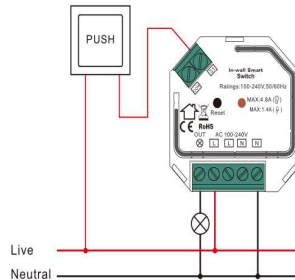
The Bypass is a device designed to work with the micro smart dimmer. It should be used in case of connecting LED bulbs or energy saving compact fluorescent lamps. The Bypass prevents flickering of the LED lights and glowing of the turned off compact fluorescent lamps. In the case of 2-wire connection, the Bypass allows to reduce minimum power of load required by the dimmer for correct operation. The Bypass provides powering of the dimmer in case of controlling the low loads of minimum power down to 3W (for $\cos\phi > 0.5$).

(2) 3-Wire Connection With Neutral Lead

With PUSH LV



With PUSH



Download and Install App

Download "HomeeLife" app from App Store or Google Play or scan the QR codes below. Follow the direction in the app to connect your devices properly.



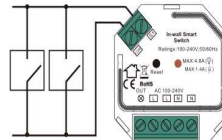
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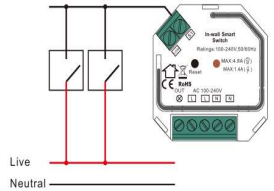
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(3) Multiple Momentary or Push Switches Connection

With PUSH LV



With PUSH



Product Dimension

