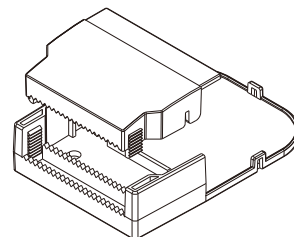
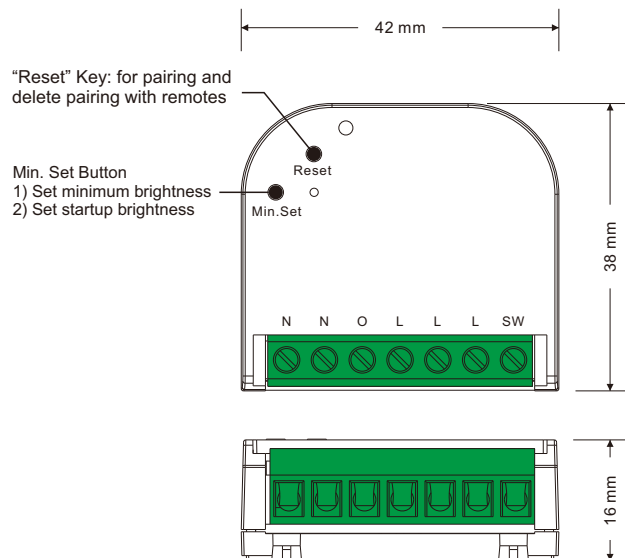


2.4G Mesh Micro Smart Dimmer

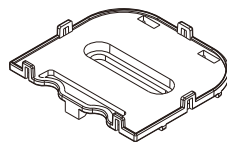


Important: Read All Instructions Prior to Installation

Function introduction



Accessory 1: Wire clamp cover.
Need to purchase separately.



Accessory 2: din rail bracket.
Need to purchase separately.

Product Data

Input Voltage	Output Voltage	Output Current	Size(LxWxH)
100-240VAC	100-240VAC	0.1-1.1A	42x38x16mm

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED lamps	200W @ 230V 100W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to dimmer.
	Dimmable LED drivers	200W @ 230V 100W @ 110V	Maximum permitted number of drivers is 200W divided by driver nameplate power rating.
	Incandescent lighting, HV Halogen lamps	250W @ 230V 125W @ 110V	
	Low voltage halogen lighting with electronic transformers	200W @ 230V 100W @ 110V	

Safety & Warnings

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

Main Features:

- 2.4G mesh micro smart dimmer
- Can operate under two-wire connection with no neutral lead or three-wire connection with neutral lead
- Both leading edge version and trailing edge version are available for choosing, factory default is trailing edge
- Enables to control ON/OFF and light intensity of connected load
- 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
- Implemented algorithm of smart light source detection
- Auto-adjustment of the appropriate control mode to connected load
- Soft start function
- Memory of the last lighting level settings
- Works with various types of switches – momentary, toggle, three-way, etc.
- To be installed in wall switch boxes of dimensions allowing for installation
- The Bypass is an extension unit.

As a dimmer it operates under the following loads:

- Conventional incandescent and HV halogen light sources
- ELV halogen lamps and dimmable LED bulbs (with electronic transformers)
- MLV halogen lamps (with ferromagnetic transformers)
- Dimmable LED bulbs
- Dimmable compact fluorescent CFL tube lamps
- Supported dimmable light sources (power factor > 0.5) with minimal power of 3VA using the Bypass (depending on the type of load)

Trailing edge or leading edge dimming mode can be preset by factory setting to control following types of loads:

- "Trailing edge" for resistive loads
- "Trailing edge" for capacitive loads
- "Leading edge" for inductive loads

Note: factory default version is trailing edge.

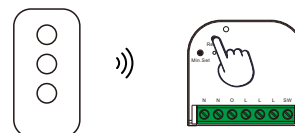
Supported external switch types:

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

Operation

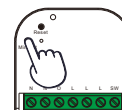
Do wiring according to connection diagram.

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

Minimum brightness setting



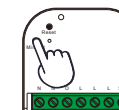
Set current brightness value between 1%-50%, then press and hold down the Min.Set button for 3 seconds to set minimum brightness

Set LED controller into pairing with Homeelife APP



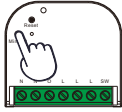
Double click the reset button, or reset power of the controller 2 times continuously

Delete the minimum brightness setting previously



Set current brightness value to 100%, then press and hold down the Min.Set button for 3 seconds to delete the minimum brightness setting previously

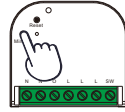
Startup brightness setting



Set current brightness value between 1%-50%, then short press the Min.Set button twice to set startup brightness

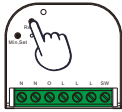
Note: startup brightness setting function is to avoid the phenomenon that some dimmable LED drivers can not be turned on after dimmed to a low level and turned off. Once setting a startup brightness, if the startup brightness is higher than dimmed level before turned off, the driver will first go to the startup brightness after turned on then drop down to the dimmed level. If the startup brightness is lower than the dimmed level before turned off, the driver will directly go to the dimmed level after turned on .

Delete the startup brightness setting previously



Set current brightness value to 0%, then short press the Min.Set button twice to delete the startup brightness setting previously

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

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.



IOS QR Code



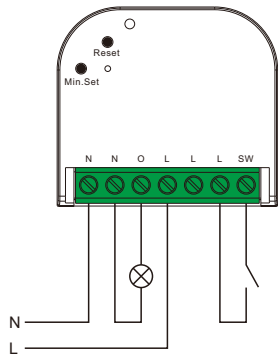
Android QR Code

Controlled by a push switch:

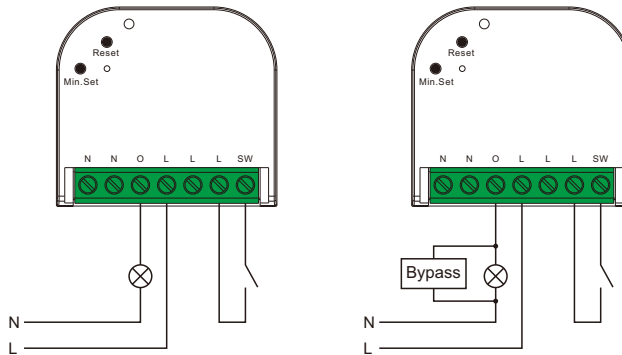
Once connected with a push switch, click the push switch to switch ON/OFF, press and hold down it to increase/decrease light intensity between 1% to 100%.

Wiring Diagram

Method 1: With neutral



Method 2: Without neutral



* When using the device without neutral, the smart dimmer requires at least 20W @ 240 VAC of power consumption to operate. If the connected light has a smaller power consumption, then Bypass is needed for the device to work.