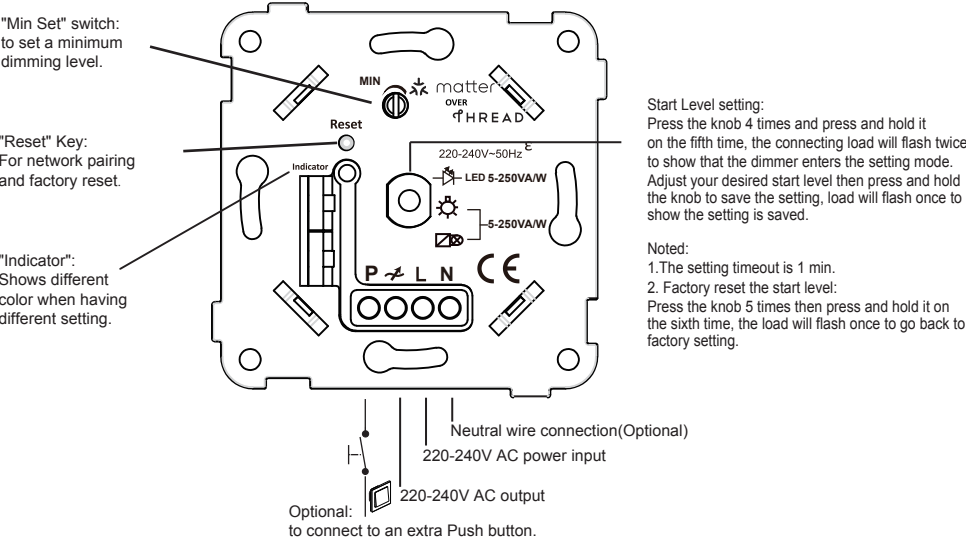


HZC LED Dimmer 2/3 wire Matter over Thread 250W



Important: Read All Instructions Prior to Installation
Function introduction



Product Data

Input Voltage	Output Voltage	Output Current	Size(LxWxH)
220-240V AC	220-240V AC	1.13A max	84*84*57mm
Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED lamps	250W/VA	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	250W/VA	Maximum permitted number of drivers is 200W divided by driver nameplate power rating.
	Incandescent lighting, HV Halogen lamps	250W/VA	
	Low voltage halogen lighting with electronic transformers	250W/VA	

- Thread AC phase cut dimmer based on latest Thread technology also compatible with Matter protocol.
- Inbuilt over-temperature, over load, short circuit protection
- Inbuilt power-cut & turn-off memory function
- Supports resistive loads and capacitive loads
- Input and Output with Screw Terminals, Safe and Reliable
- Trailing edge control
- Enables to control ON/OFF and light intensity of connected triac dimmable led light or led driver
- Can be controlled by universal 220V-240V input single wire push switch
- Mini Size, Easy to be Installed into a standard 86*86mm wall box
- Radio Frequency : 2.4GHz
- Waterproof grade: IP20

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.
- DO NOT open the dimmer in case any damages that out of repair.

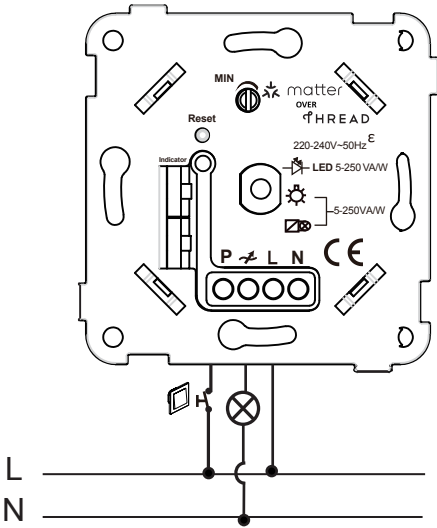
Some info for you Before we start:

This thread device is a wireless receiver that communicates with a variety of Open Thread border routers(except Google thread router border). Thanks to Matter protocol our device can link with any Matter controller with Open thread border router build-in on the market. You'll need a Matter controller for each smart home platform you plan to use; an Apple HomePod or Apple TV for Apple Home, a Google Nest Hub for Google Home, an Amazon device for Alexa and so on. Every major smart home platform has updated its existing hubs and smart speakers to make them Matter controllers. however please make sure your Matter controller has Thread border router build in, thus you will be able to add this device into your controller. Thread is one of the main wireless protocols Matter runs over, along with Wi-Fi.

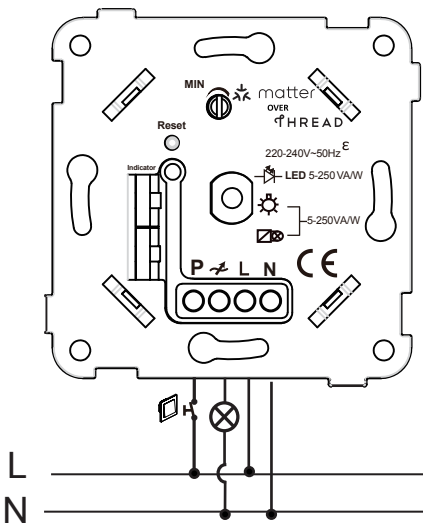
Installation

1. The equipment should be installed by a professional electrician.
2. Disconnect the power supply before installation.
3. Do wiring according to the below wiring diagrams.

2-wire connection without neutral



3-wire connection with neutral

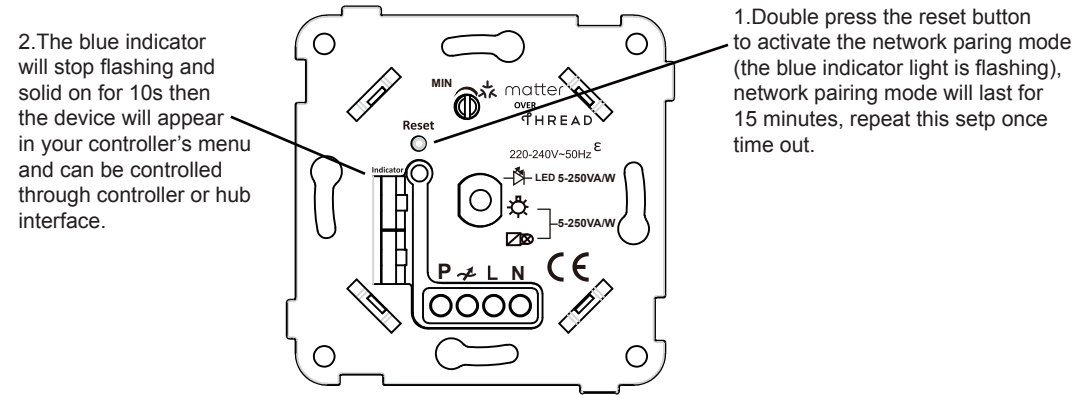


Operation

There are two ways to include your device to your Matter controller with Open thread border router:

1. There is a QR code on each product you can directly use your Matter controller with open thread border router's APP to scan the QR and the device will be automatically connect to your app. ie: Use the "Home" App in your iPhone to scan the QR code and the device will be added to your App automatically. (Please make sure you have an Apple Matter controller such as an Apple HomePod that is inbuilt Thread border routers).

2. Some Matter controller with Open thread border router's App can also choose "Add device" for inclusion then you can just double click your reset button on the dimmer and choose "Add device" on your App the device can also be added to your App. For this method please see below operation:

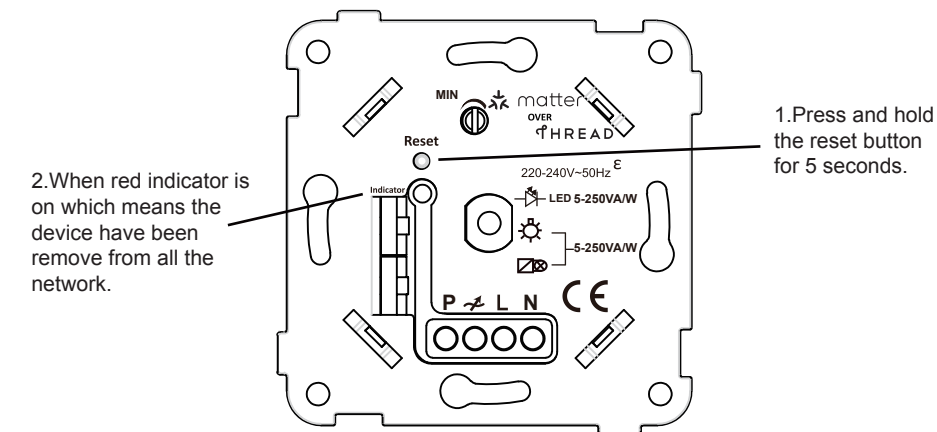


Remove from network and Factory reset

Matter over thread device support multi fabric function that means one device can connect to multiple open thread border routers. To remove your device from network you several operations:

1. To remove device only for individual controller you can delete the device from individual App while your device remains in your other App if you have connected to multiple App.

2. To remove your device from all the controllers please follow below instructions:



Our device support below Matter controllers with Thread border routers (The list is keeping adding):

Apple Home

Apple HomePod(second-gen)
Apple HomePod Mini
Apple TV 4K Wi-Fi+Ethernet(2022 Version)
Apple TV 4K(2021 version)

Google Home

Nest Hub(second-gen)
Nest Hub Max

Samsung SmartThings

Aeotec SmartThings Smart Home Hub
Samsung SmartThings Station
Samsung SmartThings Hub Dongle
Samsung SmartThings Hub v3

Amazon Alexa

Echo(4th-gen)
Nabu Casa Home Assistant Yellow
Home Assistant (Sky Connect dongle)

Nabu Casa Home Assistant Yellow
Home Assistant (Sky Connect dongle)
Homey Pro hub (Thread/Matter update 2023)
HOBS Pro Thread/Matter update 2023)
Hubitat Elevation Model C-8 hub
(Thread/Matter update 2023)