KIWI by KingLed
INSTRUCTION MANUAL
Wi-Fi Dimmer
QS-WIFI-D01-TRIAC
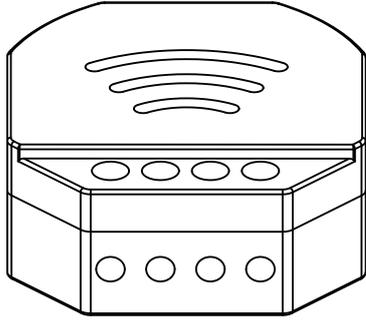
Schedule timer

Voice control Google Home
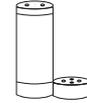
Voice control Amazon Alexa

Device Sharing

In-house local operation

APP

Apps

Router

Voice control

Push switches

PRODUCT SIZE

L
N
L–
S

47 mm

22 mm

51 mm
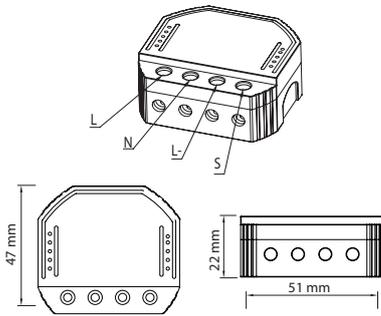
Product type	WIFI dimmer module
Voltage	220-240V AC
Max. load	150W (LED)
WIFI Frequency	2.4GHz - 2.4835GHz
Operation temp.	-10ºC - +40ºC
Case temp.	Tc: +80ºC (Max.)
Operation range	≤ 200 m
Dims (WxDxH)	51x47x22 mm
IP rating	IP20
Warranty	3 years
Dimming type	Trailing Edge

EMC Standard (EMC)
EN 300 328 V2.1.1 (2016-11),
EN 301489-1 V2.1.1 (2017-02),
EN 301489-17 V3.1.1 (2017-02),
EN 62311: 2008, EN 55015:2013
+A1:2015, EN 61547:2009

Safety Standard (LVD)
IEC 60669-2-1:2002/AMD1:2008/
AMD2:2015, IEC 60669-1:1998/
AMD1:1999/AMD2:2006,
EN 60669-2-1:2004+A1: 2009+ A2:2010,
EN 60669-1:2018

RoHS Standard (RoHS)
2011/65/EU, (EU) 2015/863

Radio Equipment (RED)
ETSI EN 300 328 V2.1.1 (2016-11)

WiFi

RoHS

CE
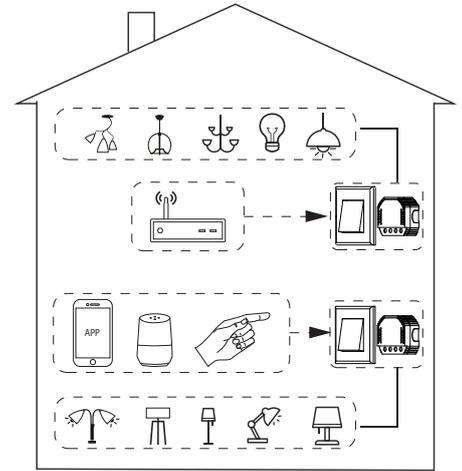
TYPICAL SWITCH BOX MOUNTING

APP

WIRING DIAGRAM

L
N
L–
S

L
N
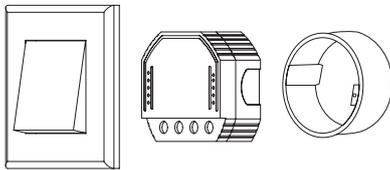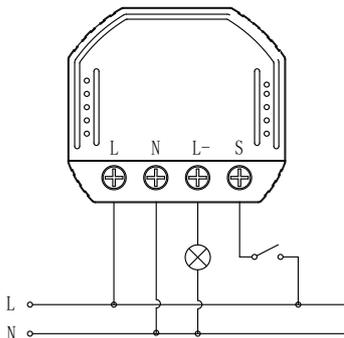
Wiring Instructions and Diagrams

1. Turn off the power supply before carrying out any electrical installation work.
2. Connect wires according to the wiring diagram.
3. Insert the module into the junction box.
4. Turn on the power supply and follow dimmer module configuration instructions.

Notes: Take your smartphone close to the dimmer module your're configuring, and make sure you have min. 50% Wi-Fi signal.

INSTALLATION

⚠ Warnings:

1. Installation must be carried out by a qualified electrician in accordance with local regulations.
2. Keep the device out of reach of children.
3. Keep the device away from water, damp or hot environment.
4. Install the device away from strong signal sources such as microwave ovens that may cause signal interruption resulting in abnormal operation of the device.
5. Obstruction by concrete wall or metallic materials may reduce the effective operative range of the device and should be avoided.
6. Do NOT attempt to disassemble,repair or modify the device.

FAQ

What should I do if I can't configure the dimmer module?
a. Please check if device is powered on.
b. Make sure your mobile and dimmer module are on the same 2.4 Ghz WIFI network.
c. Check if Wi-Fi has good internet conditions.
d. Make sure the password entered is correct.
e. Make sure the wiring is correct.

What happens if the WIFI goes off?
You can still control the light connected the dimmer module with your traditional switch and once WIFI is active again the device connected to the module will reconnect automatically to your WIFI network.

What device can be connected to WiFi dimmer Modules?
Triac led light,incandescent light and halogen light.

What should I do if I change the WIFI network or change the password?
You have to re-connect our Wi-Fi dimmer module to the new Wi-Fi network following instructions on the App User Manual.

How do I reset the device?
Press off the led light (the one connected to the Wi-Fi dimmer module) Then press and hold for 10 seconds or more until the lamp connected to the module flicks quickly entering into configuration mode.

MANUAL OVERRIDE

The dimmer module reserves the access of manual push-switch function for the end-user to switch on/off or adjust the light level by push-switch.

- Short Push (<1s): permanent on/off function.
- Long Push (>1s): adjust the brightness level.

Notes:

1) Adjustements on App and push switch can overwrite each other, the last adjustment remains in memory.

2) App control is synchronized with manual switch.

3) The "S" terminals may be left unconnected if no manual control is required.

APP USER MANUAL
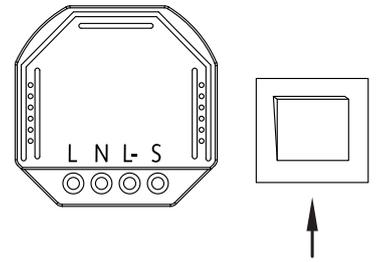
1 Scan the QR code to download Tuya Smart, Homcloud or SmartLife App, or you can also search for them on the App Store or Google Play.

2 Log in or register your account with your mobile number or e-mail address. Type in the verification code sent to your mobile or mail box, then set your login password.

← Register

Region

Mobile number/e-mail address

Obtain verification code

3 Turn off the led light (the one connected to dimmer module), then press the switch and hold for 10 seconds or more until lamp connected to the module will flick quickly and enter into configuration mode. If you wait more than 120 seconds, you will need to repeat this passage.

L N L- S
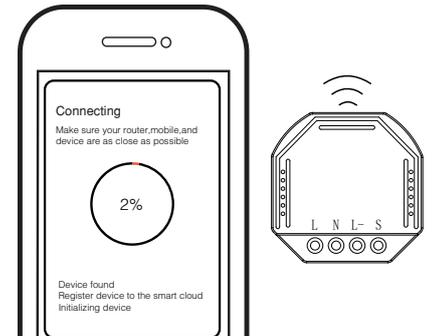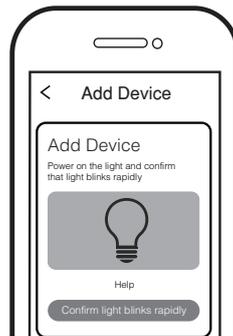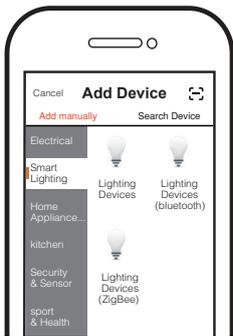
4 Open the APP, selecting "+" on top right to add device. Choose the right type of device, for example "Smart Lighting".

Cancel **Add Device**

Add manually   Search Device

Electrical

Smart Lighting

Lighting Devices

Lighting Devices (bluetooth)

Home Appliance...

kitchen

Security & Sensor

Lighting Devices (ZigBee)

sport & Health

5 Make sure your smart phone and Wi-Fi dimmer are under the same Wi-Fi 2.4GHz network. Confirm when the light flicks quickly (twice a second).

< Add Device

Add Device

Power on the light and confirm that light blinks rapidly

Help

Confirm light blinks rapidly

6 The pairing will take about 10-120 seconds to complete depending on your network condition.

Connecting

Make sure your router,mobile,and device are as close as possible

2%

Device found
Register device to the smart cloud
Initializing device

L N L- S
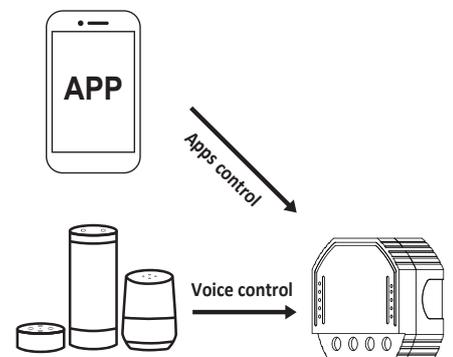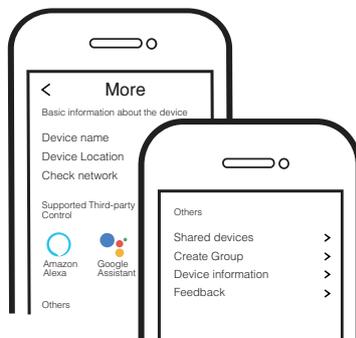
7 When pairing is done, the Wi-Fi dimmer will be shown on the App.

< All Device

Device added successfully

WI-FI Dimmer

8 Connect to Amazon Alexa or Google Assistant for voice control, or share the devices with your family or friends.

< More

Basic information about the device

Device name
Device Location
Check network

Supported Third-party Control

Amazon Alexa

Google Assistant

Others

Others

Shared devices   >
Create Group   >
Device information   >
Feedback   >

10 Enjoy your smart life of home automation for lighting control by using our All-in-one mobile app wherever you are in the world or simply with voice control when you are sitting at home comfortably.

APP

Apps control

Voice control