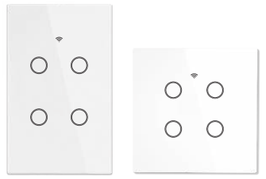
75MM

85MM

MOES
HOME, SMART MOES HOME

works with Tuya

Instruction Manual
Smart Wi-Fi+BLE Light Switch



English

WORKS WITH Google Assistant

WORKS WITH alexa

WS-DL-EU-L-WS-DL-US-L-MS-DH20

Product description

This new designed glass touch panel smart switch supporting wireless protocol of WiFi will replace traditional switches for its various ways to control. Now one new smart feature of multi-control association to other smart switches is added into the MOES App, together with the backlight on/off and relay status. With a scratch-resistant and high-quality glass panel, the appearance is exquisite and suitable for diverse decoration styles.

Safety information

Risk of Electric Shock:Electricity can cause personal injury and property damage if handled improperly.If you are not sure about any part of these instructions,please seek professional assistance from a qualified electrician.

Technical parameters

Model: DS-101JL / DS-121JL
Voltage: 100-240V AC, 50/60Hz
Max. Load: 10-400W/Gang INC; 10-200W/Gang LED
Wireless Protocol: Wi-Fi 2.4GHz
Maximum Radio Transmit Power: < + 16dbm

Warnings:

Turn off the power at the circuit breaker and test that power is off before wiring.

Installation

Note:

- Make sure that the power at the circuit breaker is off before wiring.
- Neutral Wire is required.Confirm the wall box contains a Neutral Wire(typically white).If the wall box don't have a Neutral Wire,please try another location at your home or call a professional electrician to install the switch.
- The wire colors indicated in this manual are the usual colors and may differ in some houses.
- Ensure the wire conductors are securely fastened to each wire.
- Ensure the Wi-Fi signal is steady and normally working before wiring.
- If you don't have any wiring experience,please call a professional electrician.

Step 1

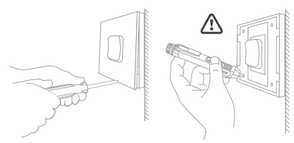
- Turn off the circuit breaker and use the electrical tester to test the power.
- Ensure the circuit breaker is off before wiring.



⚠ Attention:
Please disconnect the power supply before installing or removing the device for avoiding irreversible damage on the device from the electric current or some unpredictable problems such as lamp flashing.

Step 2

- Remove the old switch



Step 3

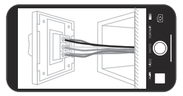
- Remove the switch and pull it away from the wall.
Identify Line/Load Wire
(Note:The color of your wire may be different from the color shown on the manual.)

⚠ Verify power is off

- We recommend you remove the faceplate from the old switch and use an electrical tester to test all wires connected to the switch to ensure there is no voltage in the circuit.
- You may need to turn off more than one circuit breaker.

Step 4

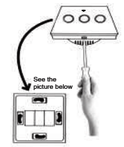
- Take pictures of the wiring



- Follow the wiring diagram to connect the switch wires to the wires in the wall box with the wire conductors.

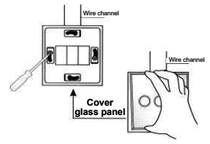
Step 5

- Remove the panel with screwdriver **(Please don't install with electricity power on)**



Step 6

- Put the switch into switch box in the wall
- Mount the two side screws
- Install the glass panel (install from up above)
- Finish installation

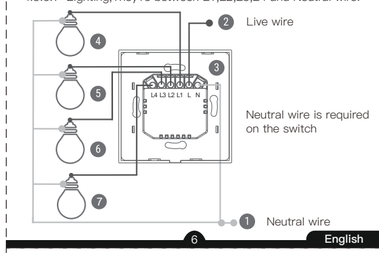


Wiring diagram

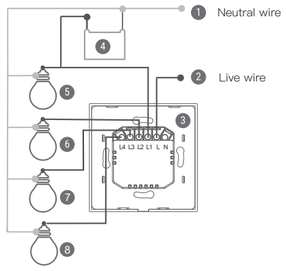
Please select the wiring method according to the actual situation.
Note: Disconnect the power supply before wiring.

EU switch wiring method

Neutral wire is required on the switch according to the following diagram wiring.
1-Neutral wire.
2-Live wire.
3-Switch.
4.5.6.7-Lighting,They're between L1,L2,L3,L4 and Neutral wire.

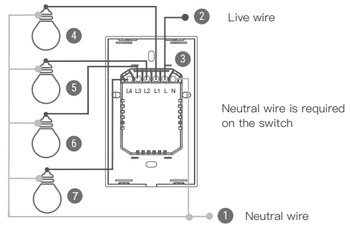


No neutral wire is required on the switch according to the following diagram wiring.
1-Neutral wire.
2-Live wire.
3-Switch.
4-Capacitor,it must to be connected to L1 and Neutral wire.
5.6.7.8-Lighting,They're between L1,L2,L3,L4 and Neutral wire.

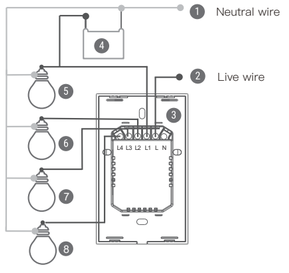


US touch switch wiring method

Neutral wire is required on the switch according to the following diagram wiring.
1-Neutral wire.
2-Live wire.
3-Switch.
4.5.6.7-Lighting,They're between L1,L2,L3,L4 and Neutral wire.



No neutral wire is required on the switch according to the following diagram wiring.
1-Neutral wire.
2-Live wire.
3-Switch.
4-Capacitor,it must to be connected to L1 and Neutral wire.
5.6.7.8-Lighting,They're between L1,L2,L3,L4 and Neutral wire.



Preparation for use

1. Download MOES App on App store or scan the QR code

GET IT ON Google Play
Download on the App Store

MOES App is upgraded as much more compatibility than Tuya Smart/Smart Life App,functional well for scene controlled by Siri,widget and scene recommendations as the fully new customized service.
(**Note:** Tuya Smart/Smart Life App still works,but MOES App is highly recommended)

2. Registration or Log in



- Download "MOES" Application.
- Enter the Register/Login interface; tap "Register"to create an account by entering your phone number to get verification code and "Set password". Choose "Log in" if you already have a MOES account.

App pairing switch

Bluetooth Mode (Default Setting)

1. Please turn on your phone's Bluetooth and Wi-Fi.

2. Power on the switch.The switch indicator light will automatically enter the fast flashing status when it is powered on.

Note:
a. If the switch is not connected to the APP for 3 minutes, the indicator will be always on.

b. The indicator stops flashing, please long press the button for (about 10 seconds) until the indicator enters a flashing status.

c. Whether the indicator light is flashing or slow flashing, Bluetooth pairing connection can be used.

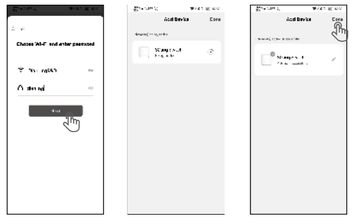
3. Open your MOES app, and a pop-up window named "device to be added:1" will pop up at the bottom, and click "Add".

Note:
If there is no pop-up window in the app interface, just restart the app.



4. Enter the WiFi account and password, click "NEXT" and wait for the connection to be completed, then click "Done" to complete the connection.

Note:
Wi-Fi only support a 2.4GHz network (802.1 b/g/n).



Control your home with your voice

Devices are compatible with Amazon Alexa and Google Home supported functionalities.
Please see our step-by-step guide on:
https://www.moestech.com/blogs/news/smart-device-linked-voice-speaker

Declaration of conformity

Hereby,WENZHOU NOVA NEW ENERGY CO.,LTD declares that the radio equipment type DS-101JL / DS-121JL is in compliance with Directive 2014/53/EU,2014/35/EU, 2014/30/EU, 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.moestech.com/blogs/news/ws-dl-eu-l-ws-dl-us-l

RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equipment (WEEE Directive 2012/19 / EU) must be disposed of separately from unsorted municipal waste. To protect your health and the environment, this equipment must be disposed of at designated collection points for electrical and electronic equipment designated by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collection points are and how they work, contact the installer or your local authority.





WARRANTY INSTRUCTIONS

Dear Sir or Madam, thank you for purchasing the product.
We hope you'll enjoy using it.
The warranty for the products in the warranty card is hereby granted as follows.
As a condition of using the warranty, you must comply with the following terms and procedures:
1. Products are covered by a 24-month warranty, effective from the date of purchase of the covered product by a retail customer.
2. In order to exercise warranty rights, the purchaser must present: a) Warranty card, b) Proof of purchase (VAT invoice, financial receipt or other document confirming the actual date of purchase), unless the purchase date of the product comes from the warranty card.
3. If product quality problems occur within 24 months from the date of receipt, please prepare the product and packaging and go to the place or store where you purchased it to apply for after-sales maintenance. If the product is damaged due to personal reasons, a certain maintenance fee will be charged.
4. We recommend that you properly protect the goods when delivering them to the guarantor – for this purpose, we recommend that you use the original packaging with padding to ensure safe transportation. If you choose to use replacement packaging, we recommend that you ensure that the product is adequately protected from damage during shipping. We recommend that you place an appropriate sticker on your

packaging indicating the product's susceptibility to impact, such as "Warning Glass".
5. Reported defects covered by the warranty will be considered immediately and no later than 14 days from the date of delivery of the goods to the Guarantor.
6. After checking and determining the legality of the warranty claim, the Guarantor's services will repair the product within a reasonable time, not exceeding 30 days from the date of delivery of the goods to the Guarantor. However, if hard-to-find spare parts are required, this deadline may extend the time it takes to deliver the part from the manufacturer's factory.
7. The warranty does not include the performance of maintenance and similar operations specified in the user manual, and users are obliged to do it themselves.
8. If defects occur due to natural wear and tear during use, the warranty does not cover it.
9. The warranty does not cover:
a) Mechanical damage caused by the user's fault and product defects caused by such damage.
b) Damage caused by improper use of the product.
10. The rights under the guarantee will expire in the following circumstances:
a) Remove the warranty seal from the product.
b) Remove the serial number from the product.
c) Take action to eliminate physical defects in the product outside of authorized service.
d) Use non-original parts and consumables.

WARRANTY CARD

Product Information

Product Name_____
Product Type_____
Purchase Date_____
Warranty Period_____
Dealer Information_____
Customer's Name_____
Customer Phone_____
Customer Address_____
_____

Maintenance Records

Failure date	Cause Of Issue	Fault Content	Principal

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