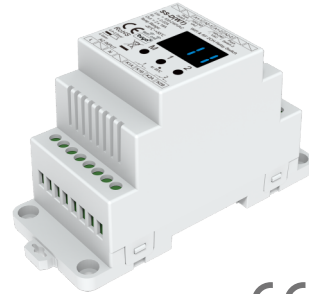


SS-D(WT)

WiFi & RF 2 Channel Relay Switch

Features

- WiFi & RF 2 channel relay switch, dry contact relay output, with zero cross switching function.
- Tuya smart APP cloud control, support on/off, delay turn on/off and timer run function.
- Supports three switch methods: RF 2.4G remote control, push switch and button.
- 1-channel or 2-channel output can be set up.
- High-inrush specification relay.
- Used to turn on/off single color LED lights, traditional incandescent and halogen lights.

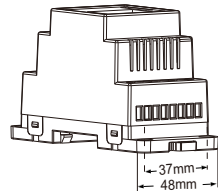
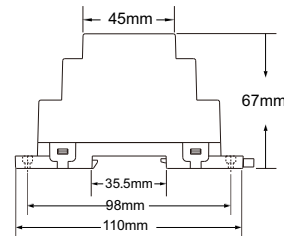
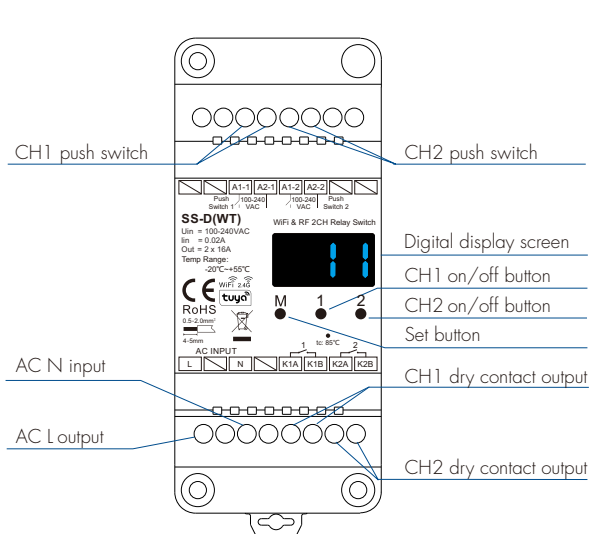


CE RoHS

Technical Parameters

Input and Output		Environment		Safety and EMC	
Input voltage	100-240VAC	Operation temperature	Ta: -20°C ~ +55°C	EMC standard	EN IEC 55015/ EN IEC 61547
Input current	0.02A	Case temperature (Max.)	Tc: 85°C		
Max relay load current	16A/CH resistive load (incandescent lamp) 8A/CH capacitive load (LED lamp) 8A/CH inductive load (fluorescent lamp)	IP rating	IP20	Safety standard	EN 61347-1/-2 EN 62493
Relay surge current	120A(20ms)	Control distance	30m(Barrier-free space)	Radio equipment	ETSI EN 300 440 ETSI EN 300 328
Input signal	WiFi + RF 2.4GHz + AC Push switch	Package		Certification	CE RoHS
No-load standby power consumption	0.5W@100VAC 1.5W@240VAC	Size	120 x 78 x 55mm(LxVxH)	Warranty	
		Gross weight	0.162kg	Warranty	5 years

Mechanical Structures and Installations

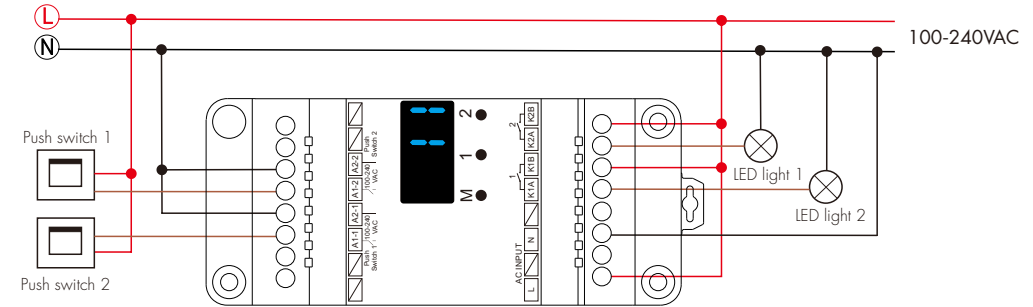


DIN Rail Mounting Size:
TS-35/7.5 or TS-35/15

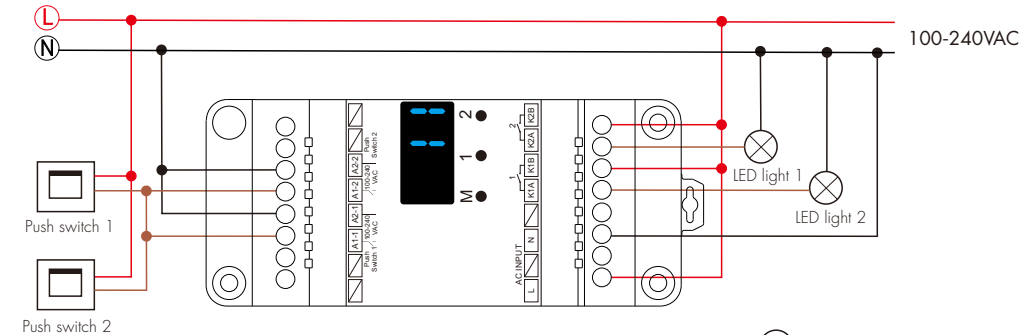
AC Switch

Wiring Diagram

- AC push switch independent control: One AC push switch control one channel.



- AC push switch synchronous control: Any one of the AC push switch control 2 channels.



⊗ : Non-dimmable LED light

Parameter Setting

Long press the M key for 2s to enter the parameter setting mode.
Short press the M key to switch between two parameters: the number of output channels and automatic black screen.

• Set the number of output channels

Short press button 1 to set 1 channel output mode, the digital display "C-1".
Short press button 2 to set 2 channel output mode, the digital display "C-2".
When set to the 1-channel output method, both channels switch synchronously.



1 channel
output mode



2 channel
output mode

• Set automatic black screen

Short press button 1 to turn on automatic black screen, digital display "bon".
Short press button 2 to turn off automatic black screen, digital display "bof".



Turn on automatic
black screen



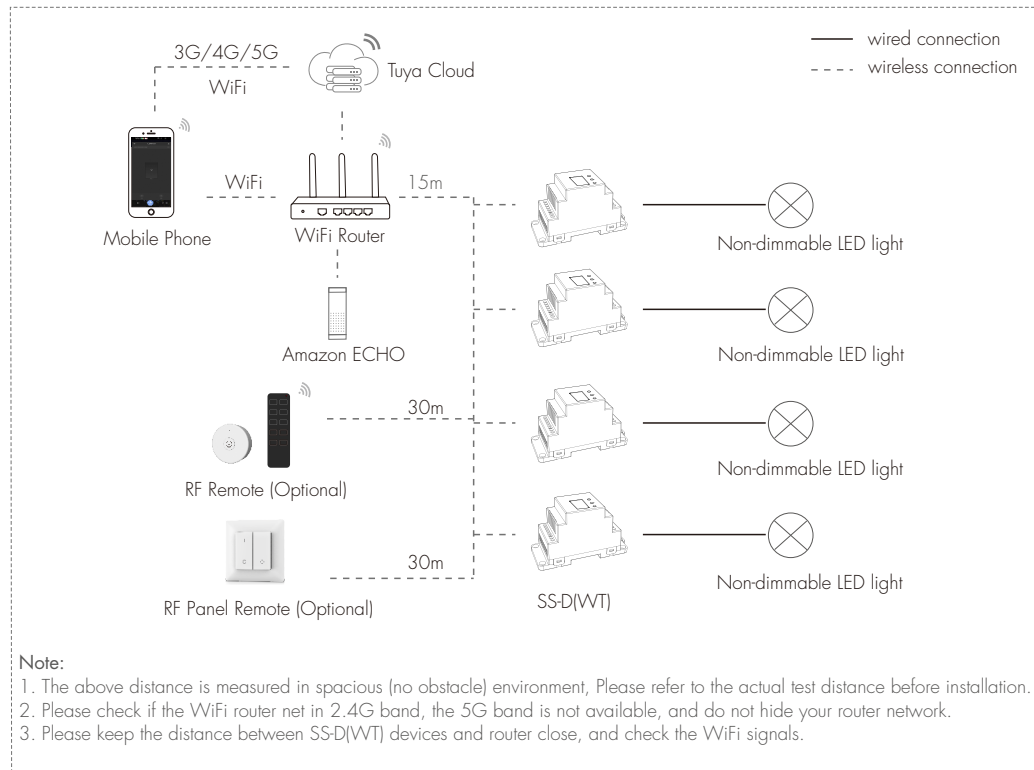
Turn off automatic
black screen

Long press the M button for 2s or do not operate for more than 10s to exit the parameter setting state.

Long press the M and 2 button at the same time for 10s, the digital display "RES", restore factory setting.

Factory default parameters: 2-channel output mode, auto black screen disabled, no RF remote control matched, no WiFi connection.

System Wiring



Tuya Smart APP Network Connection

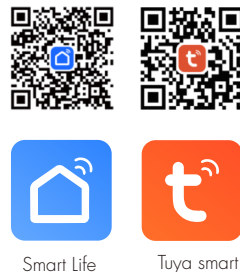
1. Download and open the APP

Search for "Tuya smart/Smart Life APP" in the app store or scan the QR code on the right to download the APP.
Register and log in after installation.

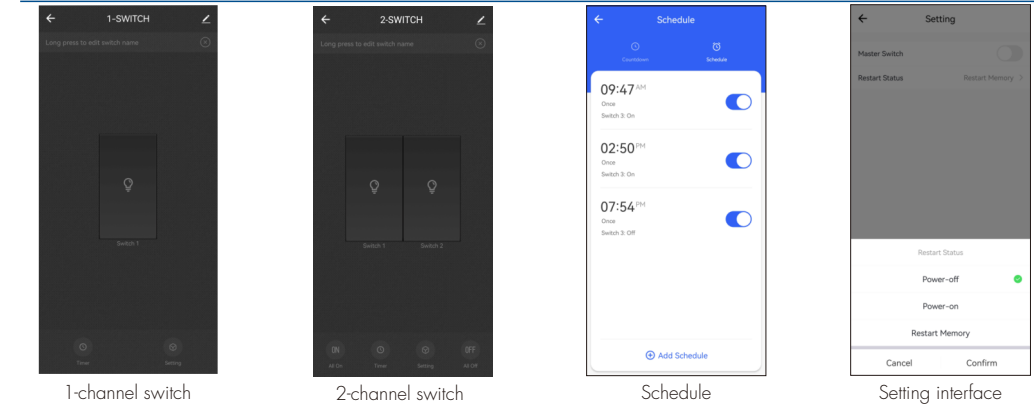
2. APP network connection operation

- Use the button: Press and hold M and 1 button at the same time for 2s, the digital flash "C-", enter network config state.
The digital tube stops flashing when the network connection is successful.
- Use the power-up: Power off, power on, repeat 5 times, the digital tube blinks "C-", enter network config state.
The digital tube stops flashing when the network connection is successful.

You can find 2-SWITCH device (or 1-SWITCH device) in Tuya Smart APP.



Tuya Smart APP Interface



1-channel switch interface

Short press the switch1 key to turn all channel lights on or off.

2-channel switch interface

Short press the switch1 key to turn the channel 1 light on or off.
Short press the switch2 key to turn the channel 2 light on or off.
Short press ON to turn on all channel lights.
Short press OFF to turn off all channel lights.

Schedule:

The countdown key can turn on or turn off light automatically in the next 24 hours.
The Add Schedule key can add multiple timers to turn on or turn off light according to different time periods.

Setting interface:

Master switch: One key to turn on or off light.
Restart Status: Power off, power on, restart memory

Match RF Remote

User can choose the suitable match/delete ways. Two options are offered for selection:

Use the Button

Match:

Press and hold M and 2 button at the same time for 2s, the digital display "RLS", enter the remote control matching state. Immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote, The digital tube displays "RLo", means match is successful.

Delete:

Press and hold M and 2 button at the same time for 5s, the digital display "RLE", means all matched remotes were deleted.

Use Power Restart

Match:

Power on, power off, and then repeat again.
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times fastly.
The digital display "RLo", means match is successful.

Delete:

Power on, power off, and then repeat again.
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times fastly.
The digital display "RLE", means all matched remotes were deleted.

Switch Operation

In addition to using APP switch operation, you can also use RF remote control, push switch, or button to switch lights.
The second digit display "1" to indicate that channel 1 is on, and display "0" to indicate that channel 1 is off.
The third digit display "1" to indicate that channel 2 is on, and displays "0" to indicates that channel 2 is off.

1. Use the RF remote

After match with a single or multi-zone RF remote control, use on/off key of the remote to turn channel 1 and 2 on or off.
Note that when there is two-channel output, please select the two-zone switch remote control for matching.

2. Use AC push switch

Short press the push switch 1 to turn channel 1 on or off.
Short press the push switch 2 to turn channel 2 on or off.

3. Use button

Short press 1 button to turn channel 1 on or off.
Short press 2 button to turn channel 2 on or off.

