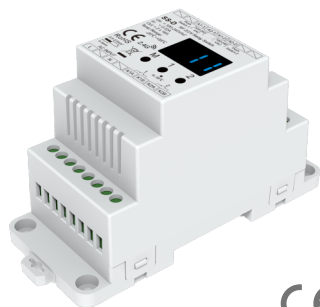


SS-D

RF 2 Channel Relay Switch

Features

- RF 2 channel relay switch, dry contact relay output, with zero cross switching 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.

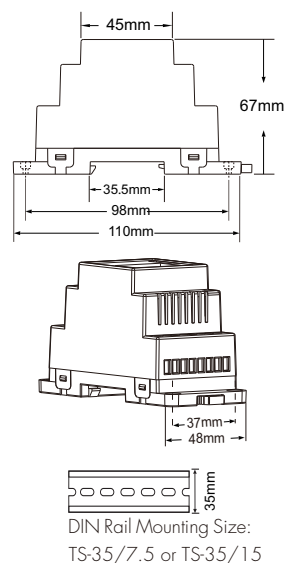
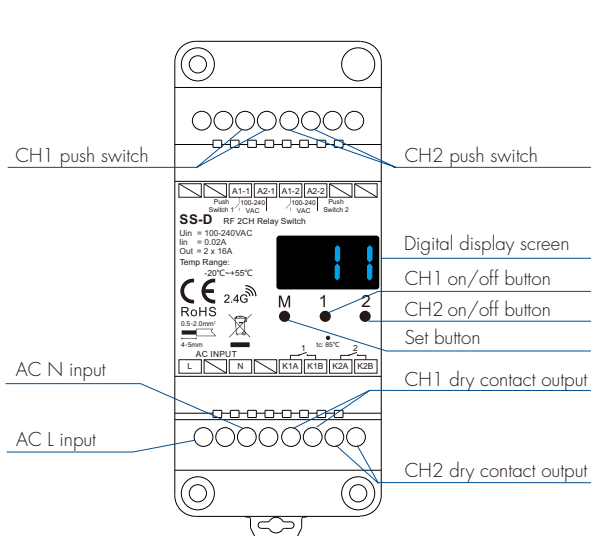


CE RoHS

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	Safety standard	EN 61347-1/-2 EN 62493
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	Radio equipment	ETSI EN 300 440
Relay surge current	120A(20ms)	Control distance 30m (Barrier-free space)	Certification	CE RoHS
Input signal	RF 2.4GHz + AC Push switch	Package	Warranty	5 years
No-load standby power consumption	0.5W@100VAC 1.5W@240VAC	Size 120 x 78 x 55mm (LxWxH)		
		Gross weight 0.162kg		

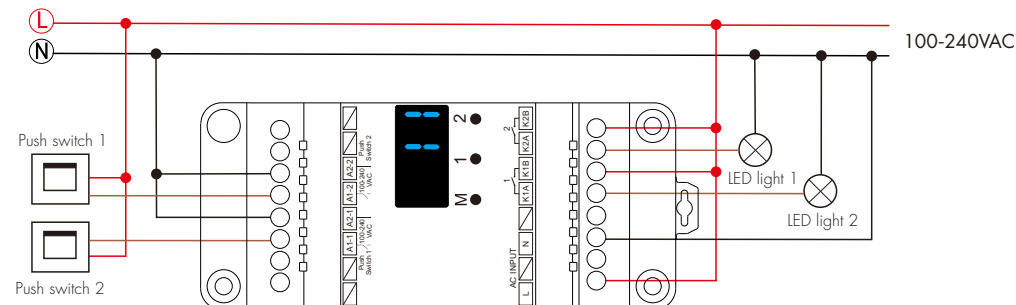
Mechanical Structures and Installations



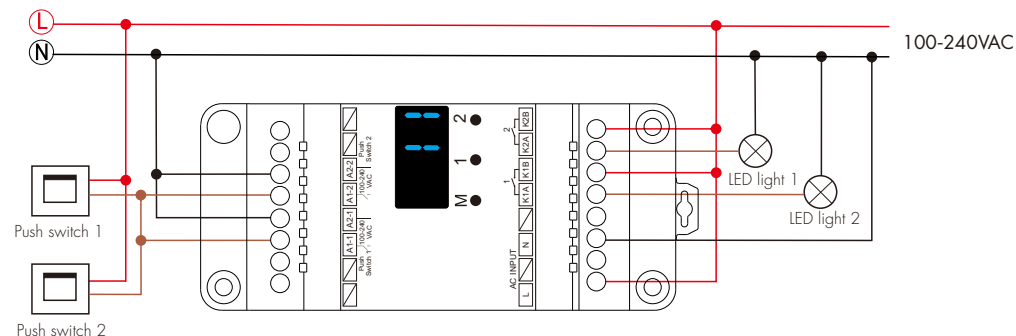
DIN Rail Mounting Size:
TS-35/7.5 or TS-35/15

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.

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

You can 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.



Channel 1 on
Channel 2 on



Channel 1 on
Channel 2 off



Channel 1 off
Channel 2 on



Channel 1 off
Channel 2 off