SKYDANCE SS-C RF Smart AC Switch and Push Switch Instruction Manual

Contents

SKYDANCE

SKYDANCE SS-C RF Smart AC Switch and Push Switch

RF AC Switch/Relay output/Max 3A/Push onoff/Wall junction box mounting

Features

- RF smart switch with relay output, without dimming function.
- To switch single color LED lamps, traditional incandescent and halogen lights.
- Compatibility with RF 2.4G dimming remote control.
- Connect with external push switch optional.
- Easy to be placed in standard wall junction box behind a push switch.

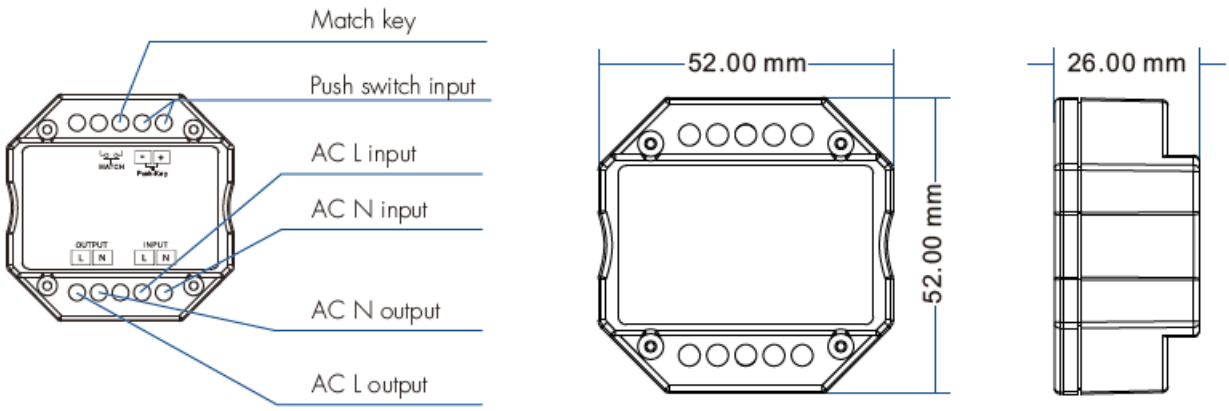
Technical Parameters

Input and Output	
Input voltage	AC100-240V
Output voltage	AC100-240V
Output current	Max 3A
Output power	300-720W
Input signal	RF 2.4GHz + Push switch
RF Control distance	30m(Barrier-free space)

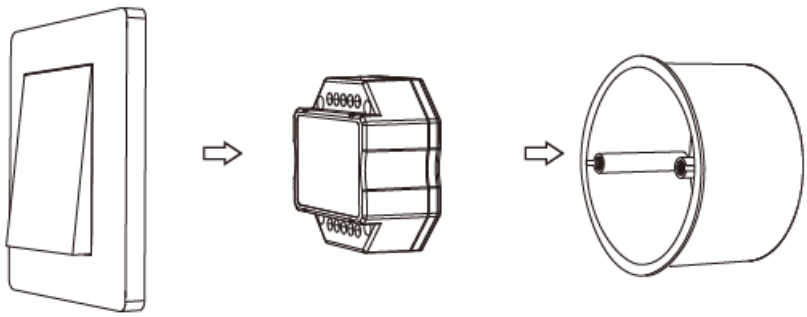
Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED

Environment	
Operation temperature	Ta: -30 OC ~ +55 OC
Case temperature (Max.)	T c: +65OC
IP rating	IP20

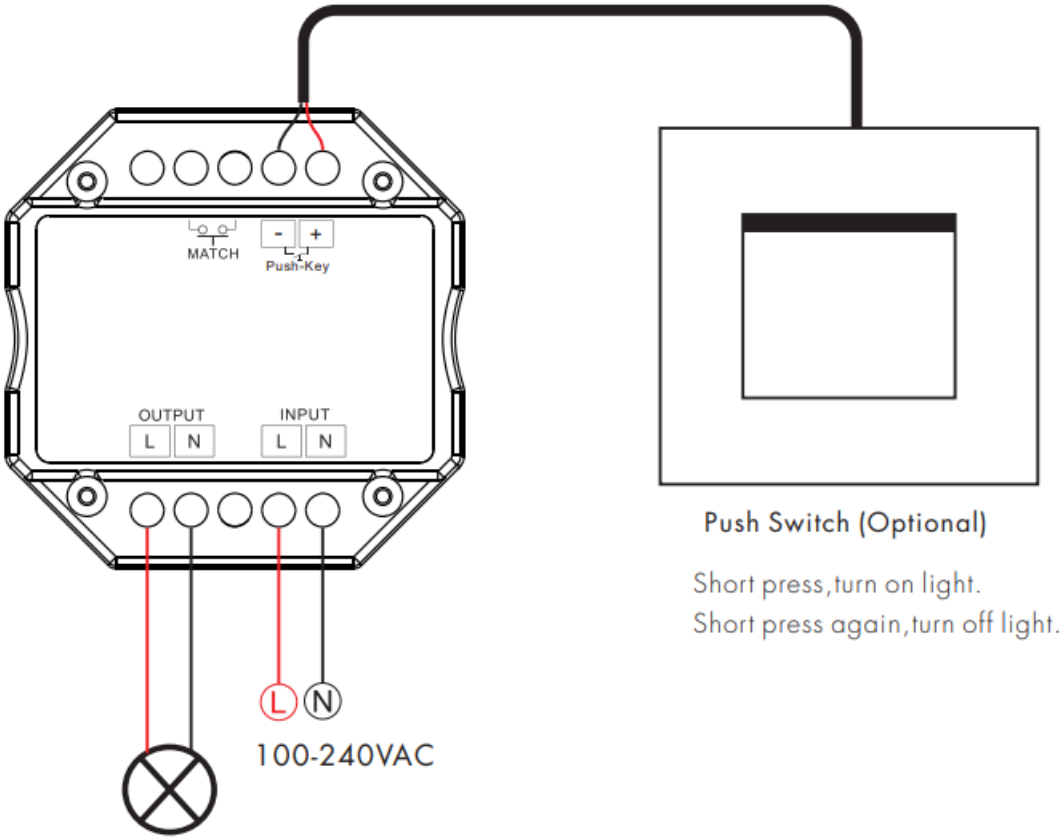
Mechanical Structures and Installations



Typical Wall Junction Box Mounting



Wiring diagram



Note:

1. The upper Push-key input port can not connect any AC or DC power supply, otherwise, the product will be damaged.
2. If output connect with capacitive or inductive load, the maximum output current only up to 3A. If output connect with resistive load, the maximum output current may up to 10A.
3. An additional AC relay or contactor is needed when total input current of the load (such as pump) is higher than 3A or inrush current is greater than 30A

Match Remote Control (two match ways)

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

Use the controller's Match key

Match:
Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) of the remote.

Delete:
Press and hold match key for 5s to delete all match, The light blinks 5 times means all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote.

Delete:
Switch off the power, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote

Available RF remote

RU4
4 zone remote

RU8
8 zone remote

PF1-2
2 zone remote

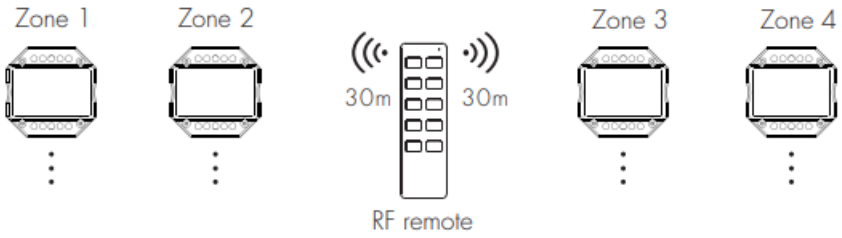
Application notes

1. All the receivers in the same zone

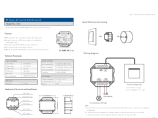
Auto-transmitting: One receiver can transmit the signals from the remote to another receiver within 30m, as long as there is a receiver within 30m, the remote control distance can be extended.

Auto-synchronization: Multiple receivers within 30m distance can work synchronously when they are controlled by the same remote. Receiver placement may offer up to 30m communication distance. Metals and other metal materials will reduce the range. Strong signal sources such as WiFi routers and microwave ovens will affect the range. We recommend for indoor applications that receiver placements should be no further apart than15m.

2. Each receiver(one or more) in a different zone, like zone 1, 2, 3 or 4.



Documents / Resources

	SKYDANCE SS-C RF Smart AC Switch and Push Switch [pdf] Instruction Manual SS-C RF Smart AC Switch and Push Switch, SS-C, RF Smart AC Switch and Push Switch, AC Switch and Push Switch, Push Switch, Switch, AC Switch, Switch