

RF Wireless Receiver (Model 0020758 S1F2-AC)

Package Include:

1 x Receiver: S1F2-AC
1 x User manual

Features:

Application: It can be used in electric curtains, retractable shed, rolling blinds, projection screens, awnings, winches, conveyors or other appliances and equipments with AC motors, it can remote control AC motor to rotate in the positive or reversal direction.

Wireless control, easy to install.

You can rotate a motor in the positive or reversal direction with the transmitter (remote control) from any place within a reliable distance.

You can press three manual buttons on the receiver to control the motor.

You can control the motor by the receiver with transmitter (remote control) from any place within a reliable distance.

Wireless RF signal can pass through walls, floors, doors or windows.

With over current protection.

Reliable control: The receiver only works with the transmitter which use same code.

One/several transmitters can control one/several receivers simultaneously.

You can use two or more units in the same place.

Receiver Parameters:

Model No: S1F2-AC

Power Supply (Operating Voltage): AC100~240V (110V/120V/220V/240V)

Output: AC100~240V (110V/120V/220V/240V)

Control Mode: Latched

Working Frequency: 315MHz / 433MHz

Channel: 1 CH, can work with a motor

Static Current: $\leq 6\text{mA}$

Maximum Working Current: 3A

Maximum Load Power: 500W, if control high-power motor, please use external AC contactors.

Case size: 85mm x 52mm x 25mm

Work with Fixed code transmitters or Learning code transmitters.

Matching Transmitters:

This receiver can work with different transmitters, such as model C-3-2L (100M), CG-3 (500M), or CB-3-2 (1000M) etc.

Working Range:

With a transmitter (such as C-3-2L) to form a complete set, the maximum working distance can reach 100M in an open ground.

The maximum working distance is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be interfered by other wireless signals. Therefore, the actual distance may not reach this maximum working distance.

If you want to have a further working range, you can install an external antenna to the receiver, and you also can use a powerful transmitter, such as CB-3-2 transmitter.

Usage (with transmitter C-3-2L):

Wiring (Control AC motor)

1) Connect the live wire of AC power supply to terminal "L" of INPUT, and connect the neutral wire of AC power supply to terminal "N" of INPUT.

2) Connect terminal "COM" to the common line of the AC motor, connect terminals "UP" and "DOWN" to positive/reversal rotation lines of AC motor. And you can exchange motor's two wires to change the rotating direction.

Operation:

Control positive/reversal rotation of AC motor by transmitter

Press button ▲ of the transmitter: The motor rotates in positive direction.

Press button ■ of the transmitter: The motor stops.

Press button ▼ of the transmitter: The motor rotates in reversal direction.

Press button ■ of the transmitter: The motor stops.

Control positive/reversal rotation of AC motor by manual buttons on the receiver

Press button ▲ on the receiver: The motor rotates in positive direction.

Press button ■ on the receiver: The motor stops.

Press button ▼ on the receiver: The motor rotates in reversal direction.

Press button ■ on the receiver: The motor stops.

How to pair the transmitter to the receiver:

1) Press the learning button of receiver for 1- 2 seconds; signal LED on the receiver flashes quickly. The receiver enters into status of LEARNING.

2) Press any one button on transmitter, if signal LED keeps on, it means learning is successful.

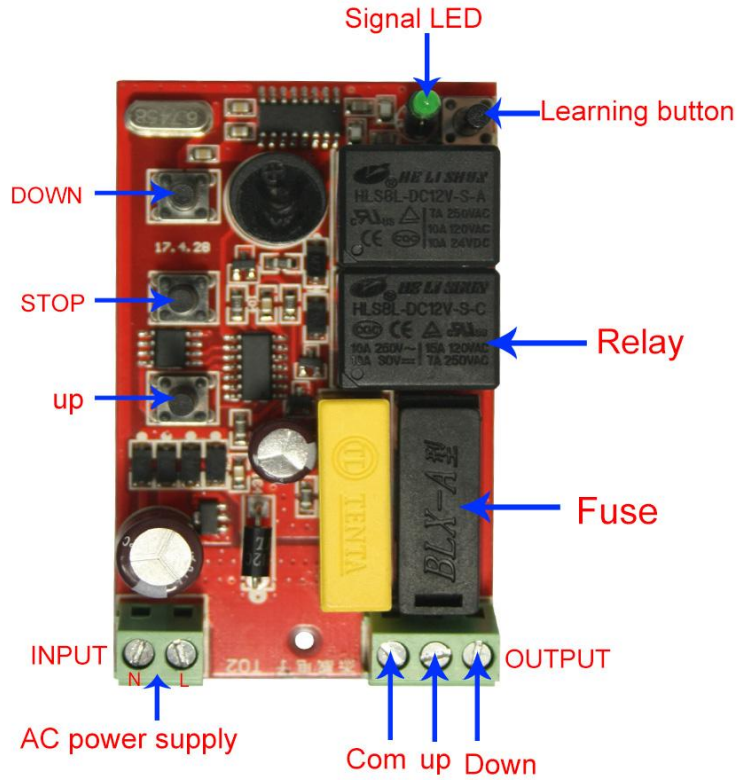
4) The receiver can learn several remote controls with different codes.

Delete all transmitters:

We have learned remote control to the receiver. If you don't want the receiver to work with the remote control, you can delete all codes of remote

controls, which are stored in the receiver.

Operation: Press and hold the learning button of receiver until signal LED from flashing to extinguishing, then release this learning button. That means all stored codes have been deleted successfully.



Control AC Motor

