

## 8 Channels Bridge Crane FSK RF Remote Controller



### Parameter:

Model Number: AK-C211112

Working Voltage: AC380V

Power on Standby Current: <10mA

Power off Standby Current: <1mA

Working Current: 19mA

Max. Current:  $\leq 10A/CH$

Receiving Sensitivity: -119dBm

Frequency: 409—510 MHz

Modulation: FSK

Working Temperature: -20-70°C

Shell Material: ABS

Working Mode: Momentary

Size: 173\*78\*114mm (Including shell)

Weight: 450g (Including shell, excluding wires)

## **Instructions:**

### **Learning Methods:**

Press once the learning key of the controller, the indicator lights up to indicate enter the status of learning code. Then keep pressing the remote control button "STOP" and "WEST" to transmit the signal, the indicator light flashes 3 times, indicating that the learning code is successful. If the code is not learned within 10 seconds in the learning state, the code learning indicator light of the controller will go out.

### **Working Mode Description:**

Momentary: Press the button of the remote control and the relay will be connected, release the button and the relay will be disconnected. The button "UP" "DOWN" "EAST" "SOUTH" "WEST" "NORTH" are momentary.

Single-click mode: Press "STOP" button of the remote control once to lock the controller output. Press the "START" button of the remote control once to activate the relay output. After activating the relay output, press the "START" button again to activate the eighth relay output of the remote controller.

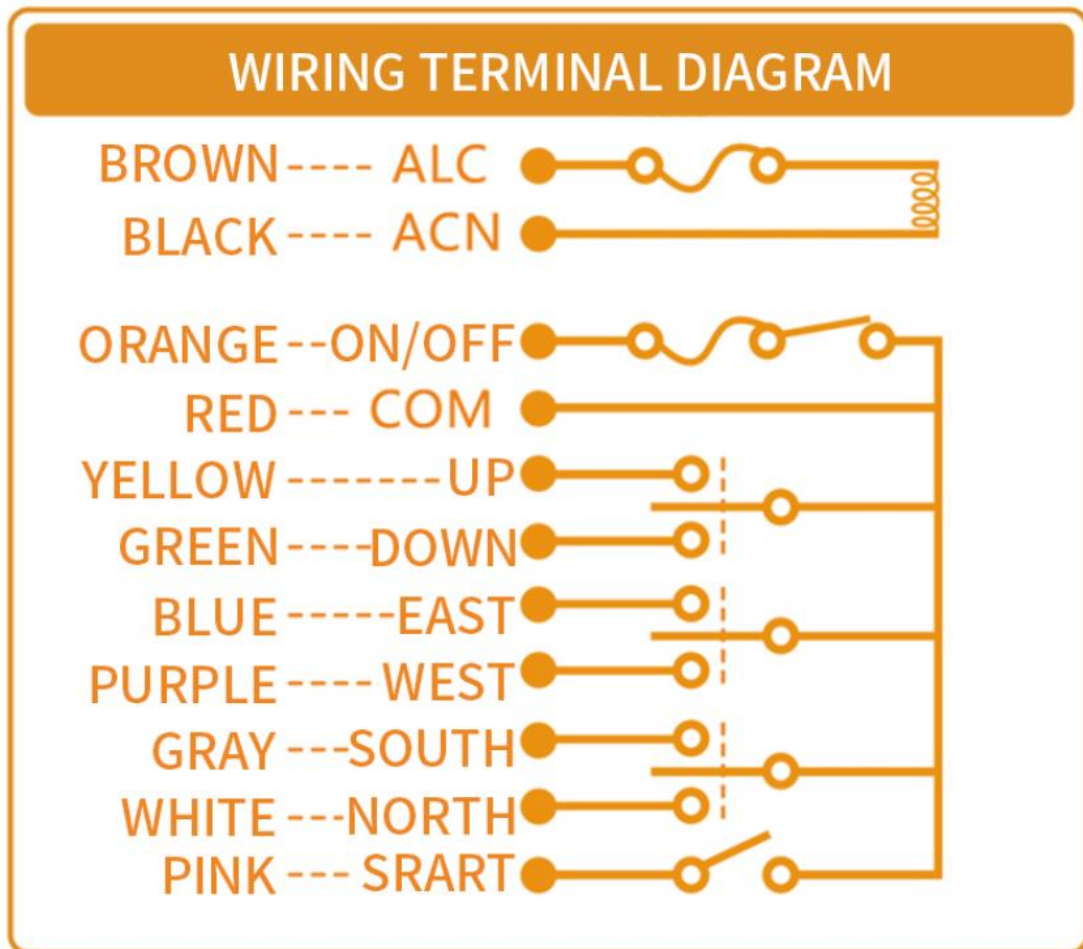
### **Relay control Description:**

1. When the controller receives the "UP" "DOWN" "EAST" "SOUTH" "WEST" "NORTH" button signals of the remote control, it turns on the relay on the corresponding controller board.
2. The relays are in a group of "up and down", a group of "east and west", and a group of "north and south". Each group of relays will not be turned on at the same time. If simultaneous opening signals in the same group are received, the relays in this group will be turned off at the same time.

### **Clearing code**

Keep pressing the learning key of the receiver for 5 seconds, the controller indicator light flashes from steady to 5 times, it indicates that the clearing code is successful. All stored remote control codes are cleared and all remote controls cannot be controlled.

## Wiring Diagram:



### Note:

- (1) Input voltage can not exceed the operating voltage range.
- (2) The transmitting distance may be reduced in the environment of high wireless interference.
- (3) Keep out of the reach of children.
- (4) It is forbidden to use in a wet environment, otherwise the remote control may be damaged.