

WSD-001 wireless pressure wave/contact strip switch

User's Guide

1 Wiring

Power switch ON/OFF Externally operable
 Pressure wave airflow input 2mbar
 J2 terminal contact strip connections



Transmitter

Code-pairing button, press without need opening cover

V+/Red, 24V+
 V-/Black, 0V
 NO/Green
 COM/White
 NC/Yellow



Receiver

2 Settings

Code learning (factory default has been learned, usually no need to learn again):

1. Press the receiving terminal's code acceptance button for 3 seconds, and the receiving terminal's blue light will flash;
2. Blow air to the air pressure switch (or press the code button on the transmitter end), and the blue light will turn on;
3. The blue light on the receiving end flashes and then returns to normal, indicating successful pairing.

Mode selection (transmitting end):

When S1 is selected, either the air pressure input or the J2 terminal signal input is received, and the receiving relay outputs a pulse signal.

When S2 is selected, the receiving relay outputs a pulse signal when the air pressure input is received; When the J2 terminal signal is input, the receiving relay output maintains the signal until the J2 signal is disconnected.

Replace the battery (transmitting terminal):

4. If the red indicator light on the transmitting end is constantly on, it indicates that the battery is low and needs to be replaced;
5. If the blue indicator light on the receiving end flashes, it indicates that the battery is low and should be replaced or recharged to stop flashing
6. Loosen the fixing screws of the circuit board at the transmitting end and replace the two CR2032 batteries on the back.

3 Parameters

Product Size: 135mm40mm32mm (2 pieces)

Transmission Frequency: 433MHz

Operating Voltage: 24VDC

Battery Type: 2*CR2032

Output Type: Relay (Passive)

Response Time: <0.1 second

Response Distance: >30 meters