

1. Product Introduction

This product is a non-contact induction access switch, which has the ability to automatically adapt to environmental temperature and humidity, and will not be affected by weather changes in terms of sensitivity and stability. When a gesture signal is detected, it outputs a normally open or normally closed switch signal, with an indicator light showing red in standby mode and green when a signal is detected. The opening duration of this product is adjustable (1~30S), and the sensing distance is adjustable (5~35cm).

2. Technical Parameters

Features	Description
Working Voltage	AC/DC 12V
Working Current	<600mA
Environmental Temperature	-30°C~60°C
Environmental humidity	20%-80%
Dimensions	33*80*20mm
Product weight	82g

3. Wiring Instructions

Line sequence	Label	Color	Function description
1	12V	Red	Power positive terminal (AC input)
2	GND	Black	Power negative terminal
3	NO	Blue	Relay normally open terminal
4	COM	Purple	Relay Common Terminal
5	NC	Orange	Relay Normally Closed Terminal
6	AC	Red	AC Input

4. Configuration adjustment instructions (optional feature)

1. Door Opening Duration Adjustment

The first knob on the lower left of the back of the machine, turn clockwise to increase the door opening duration. After turning, you need to reconnect the power -- power on -- setting successful. (Note: Adjustable duration range 1~30S)

2. Sensing Distance Adjustment

The second knob on the lower left of the back of the machine can be rotated clockwise to increase the sensing distance. (Adjustable distance

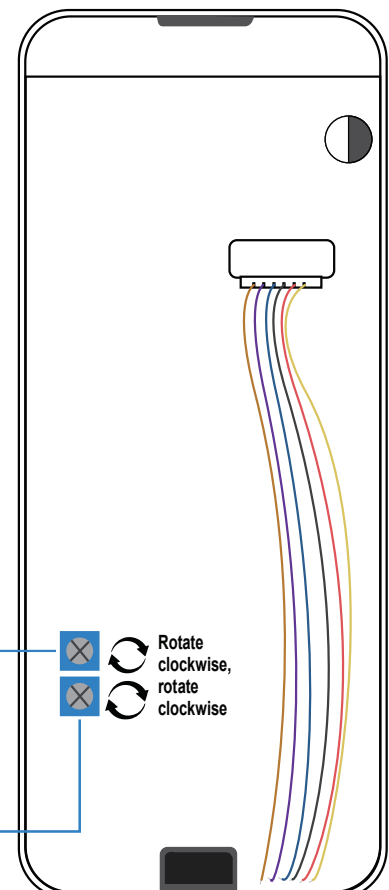
5~35cm) See Figure (1)

Door opening duration adjustment

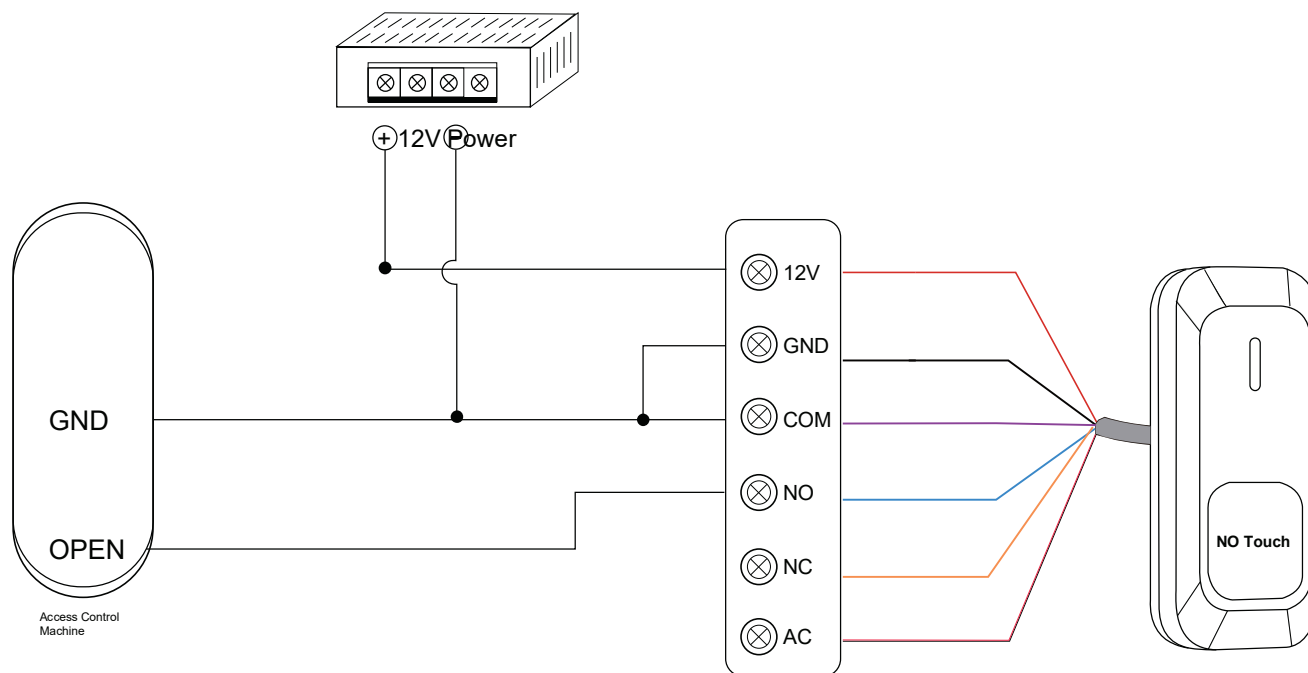
The TIM knob can be rotated clockwise to increase the door opening duration, adjustable from 1 to 30 seconds, successful configuration upon reconnecting the power supply.

Sensing distance adjustment

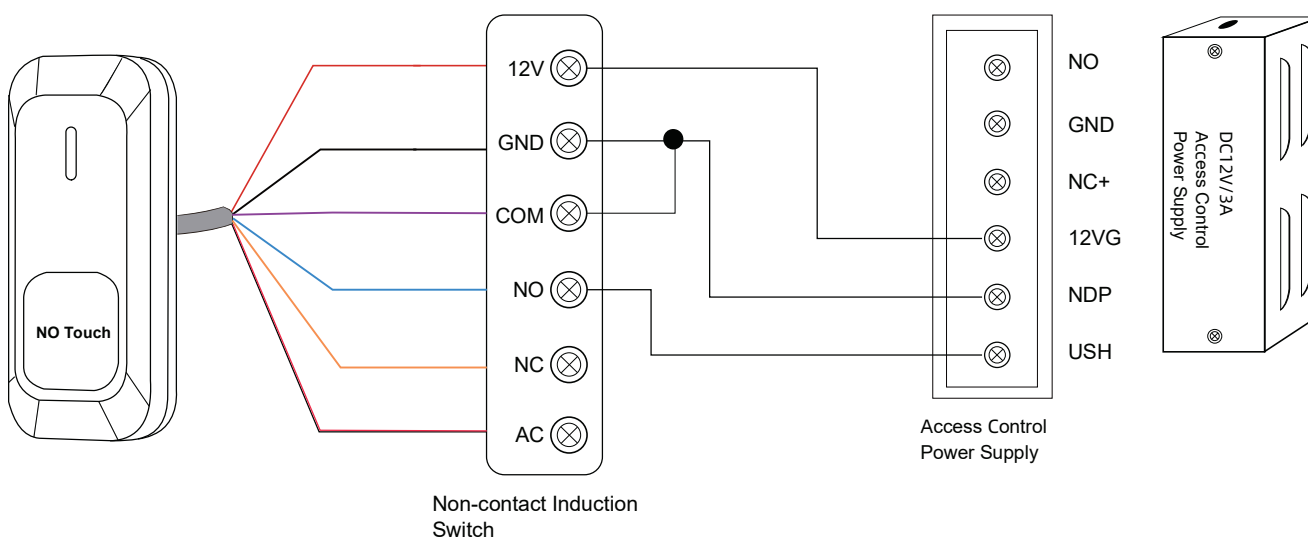
The RF knob can be rotated clockwise to increase the sensing distance, adjustable from 5 to 40cm.



5. Standard Power Wiring Diagram



6. Access Control Power Wiring Diagram



7. Installation Instructions

7.1 Drill holes on the wall according to the dimensions of the machine's bottom shell or install the junction box. Use the provided screws to secure the bottom shell to the junction box or wall.

7.2 Pass the lead wire through the outlet hole of the bottom shell, connect the required wires, and adjust to the desired configuration using the knob. Isolate and wrap any unused wires with insulating tape to prevent short circuits. 7.3 After connecting the wires, install the front shell onto the bottom shell, and finally tighten the screws to secure the front shell and bottom cover.