

## Installation Instruction

### ○ Preview

12222001A Door Control & Hand Sweep Sensor Signal Switch II

12222005A Human Body Infrared Sensor Signal Switch II

12222006A Door Control & Hand Sweep Sensor Power Switch II

12222037 Touch Sensor Power Switch

12222002A Dual-Door Control Signal Switch II

12222004A Touch Sensor Signal Switch II

12222003A Dual-Door Control Power Switch II

12222038 Human Body Infrared Sensor Power Switch

**Precautions:**

- To ensure safety and proper use of the product, please read the manual carefully.
- Be sure to keep the manual in a safe place for future reference.
- The product contains small parts. Keep them out of reach of children to prevent accidental ingestion.
- In case of malfunction, do not attempt to disassemble or repair the product yourself. For any questions, please contact the supplier.

### ○ Parts List

12222001A 1222004A 12222005A 12222006A 12222037 12222038	×1 Each sensor switch	×1 Installation base	×1 (KA4×10mm) Screw	
12222002A 12222003A	×1 Dual-Door Control Switch	×2 Installation base	×2 (KA4×10mm) Screw	

### ○ Product Specifications and Applicable Cabinet Width

Model	Working Voltage	Sensing Distance	Working Temperature	Storage Temperature	Output Delay	Installation	Sensor Head Dimensions	Output Power	Door Control Distance	Hand Sweep Distance
12222001A	DC12~24V			-35° ~80°		Surface-mounted/ Built-in (hole φ10mm)	φ12*φ10*12mm		20~50mm	15~30mm
12222002A	DC12V~24V	20~50mm	-20° ~45°	-35° ~80°		Surface-mounted/ Built-in (hole φ10mm)	φ12*φ10*12mm			
12222004A	DC12~24V		-20° ~45°	-35° ~80°		Surface-mounted/ Built-in (hole φ12mm)	φ15*φ12*16mm			
12222005A	DC12~24V	1.5~5M	-20° ~35°	-35° ~80°	30 (Sec)	Surface-mounted/ Built-in (hole φ12mm)	φ15*φ12*16mm			
12222006A	DC12~24V		-20° ~45°	-35° ~80°		Surface-mounted/ Built-in (hole φ10mm)	φ12*φ10*12mm	36W	20~50mm	15~30mm
12222003A	DC12~24V		-20° ~45°	-35° ~80°		Surface-mounted/ Built-in (hole φ10mm)	φ12*φ10*12mm	36W	20~50mm	
12222037	DC12~24V		-20° ~45°	-35° ~80°		Surface-mounted/ Built-in (hole φ12mm)	φ15*φ12*16mm			
12222038	DC12~24V	1.5~5M	-20° ~35°	-35° ~80°	30 (Sec)	Surface-mounted/ Built-in (hole φ12mm)	φ18*φ12*17mm			

### ○ Installation View

**Signal Switch Usage**

1. Insert the signal switch plug into the signal port of the power supply.

2. Connect the power supply to 220VAC.

3. Plug the sensor switch into the signal port, which can control multiple lights. When the sensor is triggered, the lights turn on.

Hand sweep/door control mode switching

**Power Switch Usage**

1. Insert the power switch plug into the power output port.

2. Connect the power supply to 220VAC.

3. The sensor switch independently controls a single light. When the sensor is triggered, the light turns on.

Hand sweep/door control mode switching

### ○ Installation Steps

Surface-mounted

Recessed

Built-in  
Door-control model: Hole φ10mm  
Touch and human-sensor models: Hole φ12mm