



MC002

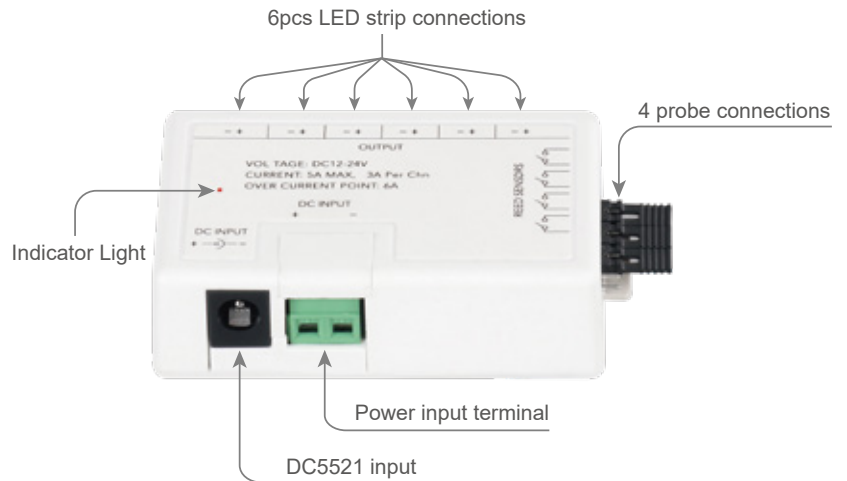


1. Product Introduction

This product is primarily designed for (inductive lighting control) in various settings such as malls, hotels, office buildings, and homes. It enables automatic lighting control for cabinet doors, turning lights on when the door is opened and off when the door is closed.

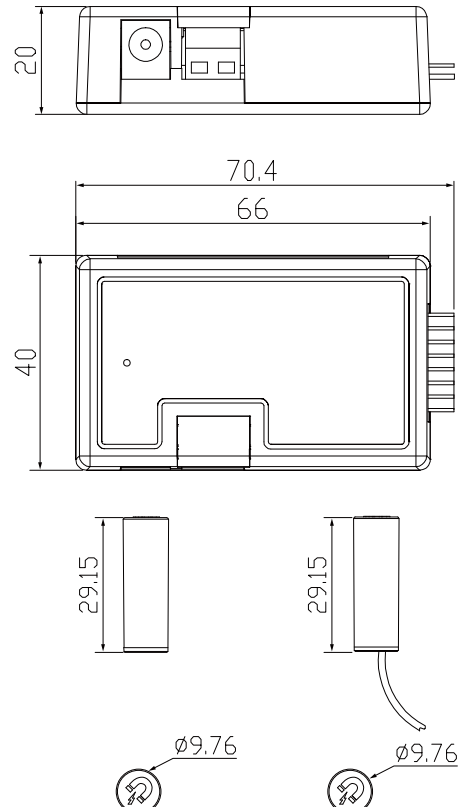
2. Product Features

<ul style="list-style-type: none"> • Features: Open door light turns on, close door light turns off.
<ul style="list-style-type: none"> • 2 power supply options
<ul style="list-style-type: none"> • Multiple Parallel Outputs
<ul style="list-style-type: none"> • Optional magnetic induction head design
<ul style="list-style-type: none"> • Output LED Indication
<ul style="list-style-type: none"> • Multiple Protection Functions
<ul style="list-style-type: none"> • Low Power Consumption
<ul style="list-style-type: none"> • Long Lifespan
<ul style="list-style-type: none"> • Easy Hidden Installation
<ul style="list-style-type: none"> • User-Friendly Operation

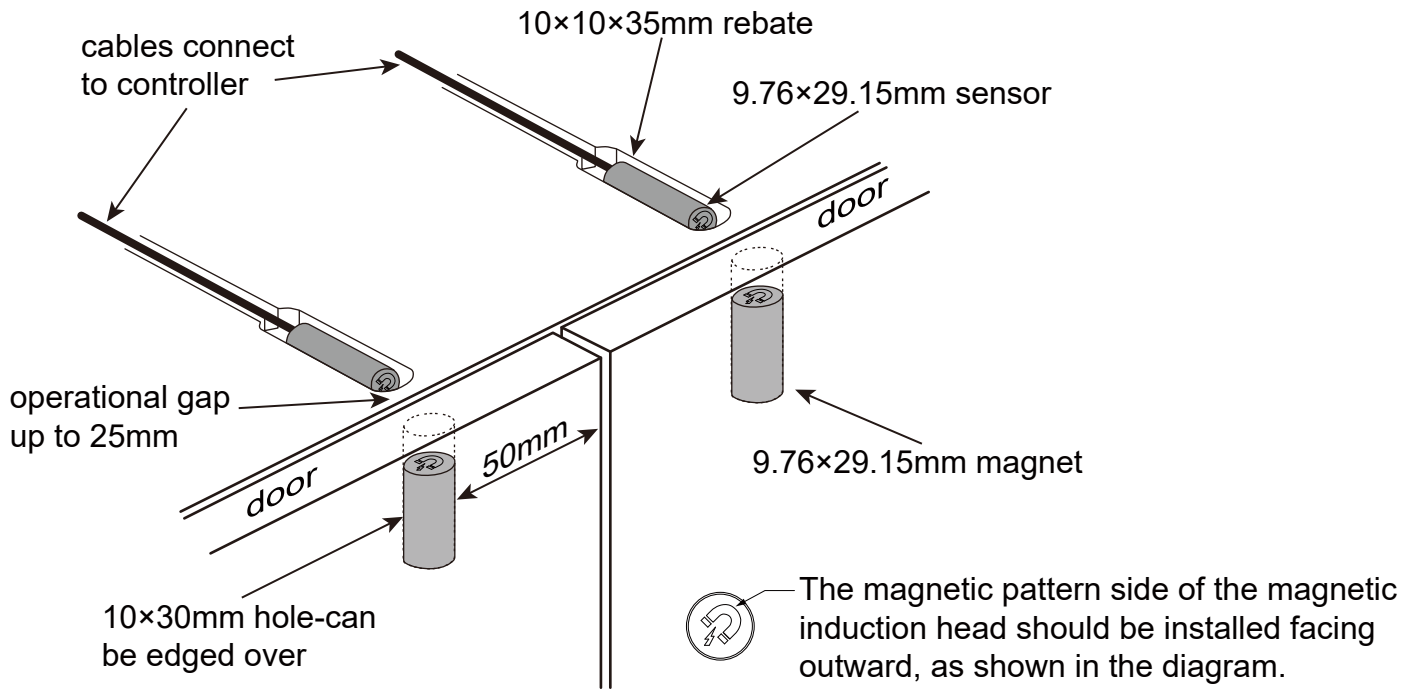


3. Parameter Specification

Input Voltage	DC12-24V
Maximum Output Current	5A MAX. (Each channel ≤ 3A)
Overcurrent Protection	6A (Output shuts off, LED flashes)
Standby Power Consumption	0.2W MAX.
Product Dimensions(mm)	L66×W40×H20 Ø9.76×L29.15
Cable Length	2 meters
Magnetic Sensor Channels	4 channels
Maximum Sensing Length	25mm



4. Product Installation



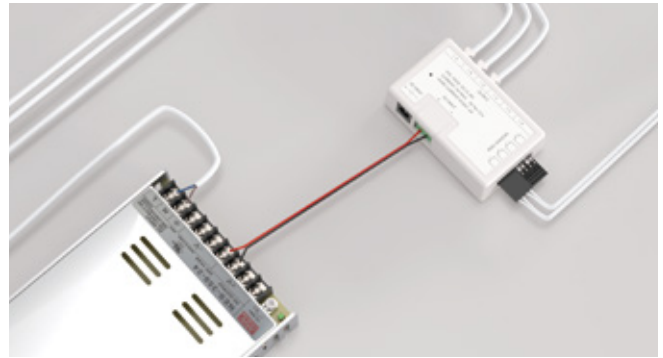
5. Usage Instructions

(1) Power Supply Methods

Choose between a 5521 power connector or terminal block for power supply. (Refer to the attached image for details.)



(DC5521 input)



(Power input terminal)

(2) Magnet Sensor Options

Select the required number of magnetic sensor channels based on actual needs. Ensure unused channels are covered with short-circuit caps.



(1 Sensor)



(2 Sensor)



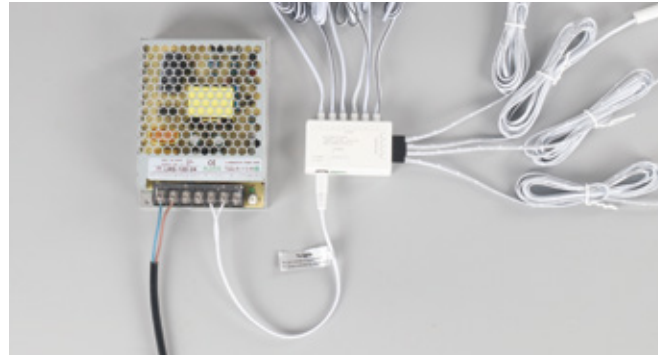
(3 Sensor)



(4 Sensor)

(3) Output to Lighting Fixtures

Compatible with 813 and 814 male connectors for centralized control. Each channel must not exceed 3A.



6. Precautions

- (1) When the current exceeds the overcurrent protection point, the controller will shut off the output and flash the indicator light to prevent overheating and damage.
- (2) Unused magnetic sensor channels must be covered with short-circuit caps; otherwise, the product will not function properly.
- (3) The output current for each channel must not exceed 3A during use.