

FR105 Synchronizing Control Box

Descriptions

FR105 Synchronizing control box employs MCU control technology. With a pre-programmed software, it can switch ON/OFF 4 aviation obstruction lights and control 4 aviation obstruction lights flashing at the same time. (More than 4 aviation obstruction lights also can be controlled by the control box based on customer's requirement). This product features reliable performance, ease of maintenance and operation, it can be widely used in many different locations



Main functions and features

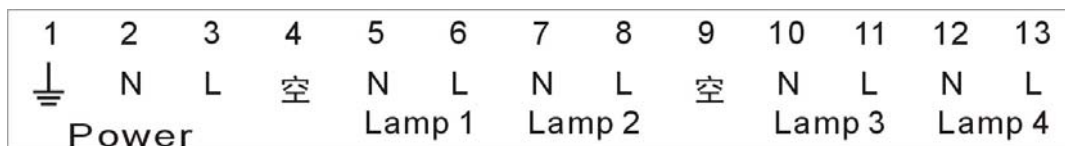
- Switch on / off several lights synchronously
- Fault indication- corresponding indicator switches on when any of light failed.
- Indicator or fault alarm (optional)
- Alarm signal output, can connect to other external alarm devices (optional)
- With a manual photocell switch—can switch ON/OFF the light when the photocell is not available
- With external photocell
- Indoor use (out-door use is also available)

Specifications

- Operation voltage: AC110V~240V, DC48V
- Power frequency: 50HZ~60HZ
- Power consumption: 300W (Optional)
- On/off level: 30-70 lux (optional)
- Flashing: 20-60 times/min (optional)
- Ambient temperature: -30℃ - +60℃
- Dimension: 155x110x60

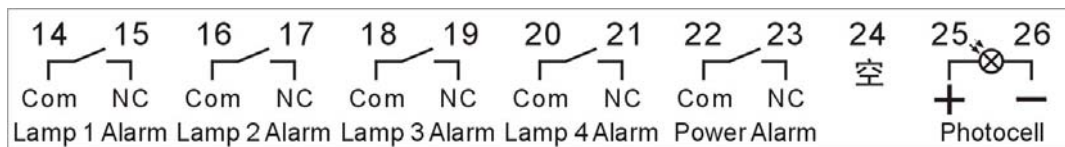
Wiring

- Please connect the power cord according to the following diagram



“Power” – input voltage

Lamp1、Lamp2、Lamp3、Lamp4 – connect to aviation obstruction light separately



Lamp1 Alarm、Lamp2 Alarm、Lamp3 Alarm、Lamp4 Alarm –alarm terminal

Photocell – photocell terminal

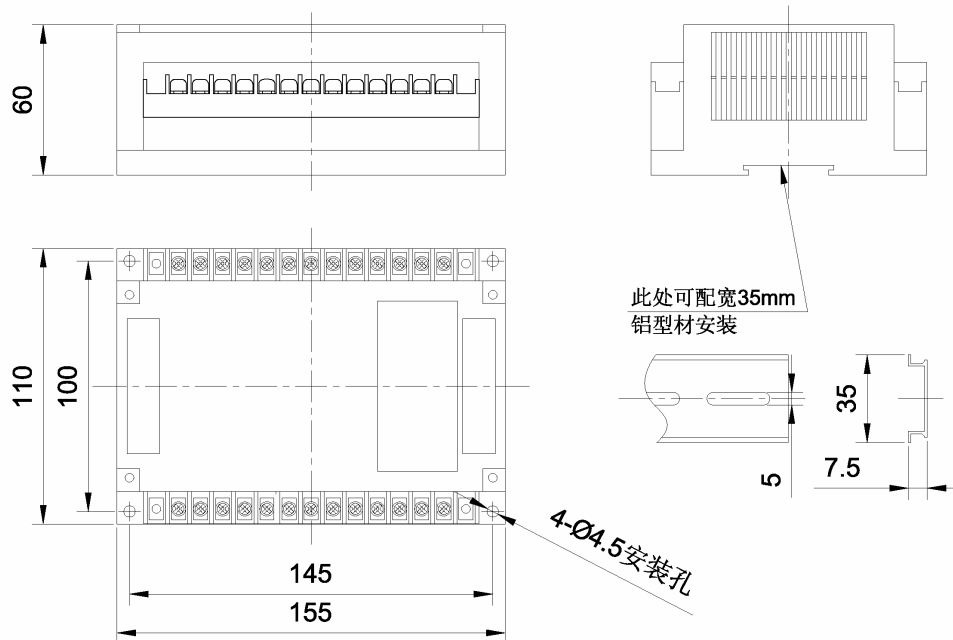


NO:1、NO:2、NO:3、NO:4 are 4 aviation obstruction light indicator separately.

Green light means working. Red light AL1、AL2、AL3、AL4 means corresponding light failed.

- Power on after checking the wiring.

Installation



Notice:

- This product is based on voltage detection, it gives an alarm when and if the internal power of aviation lights completely damaged (It is suggested to use this control box when high accuracy detection is not required.)
- Check whether the power cables are well connected before power on
- Do not open any components of this product when operation.

Note: Please use the product strictly on accordance with the instruction above.