

DH-ILP-04 single lamp controller



DH-ILP-04 single lamp controller adopts 0-10V dimming technology, mainly used for dimming and status acquisition of single lamp.

Function introduction

1. Automatic dimming and switching functions of lamps and lanterns

According to the set schedule or scene value, the brightness of the lamp is automatically adjusted, and the adjustment range is 0~100%. It has a built-in relay and has a high impact current resistance.

The dimming mode can be customized, 0~10V, 1~10V, 1~5V, 10V PWM, 5V PWM, etc., the default is 1-10V. If the internal relay is used, the maximum power of the lamp connected to the output terminal is 220V 400W (2A) or 110V

200W (2A); only use dimming function, no limit on power.

The driving capacity of the dimming terminal is 20mA, and it can connect up to 5 LED dimming power supplies, and the total driving current of the control terminals of the 5 power supplies is less than 20mA.

2. Fault collection and alarm function

The intelligent lighting controller can collect the power value of the lamp, and judge whether the lamp is faulty through the power value. The default value is 5W, that is, if the dimming value is greater than 10% and the power is less than 5W, it is considered faulty;

The intelligent lighting controller can collect the ambient temperature of the lamp, and judge whether the lamp has a temperature failure through the temperature value; (need to be customized)

After confirming the fault information, it will be reported to the central controller at the same time.

3. Real-time clock, automatic time correction

The intelligent lighting controller adopts a soft clock, and the time is corrected by the centralized controller at intervals.

4. With electrical parameter monitoring function : Internally integrated high-precision electric energy acqui sition module, which can collect voltage, current and active power parameters.

Technical Parameters

1. Electrical parameters

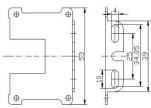
| Project | | calibration value |
|--------------------------|-------------------------|--------------------------------|
| Operating Voltage | | AC 220V±20% |
| Working frequency | | 50Hz |
| Power consumption | | <2W |
| Withstand | L/N-DIM/485 Protocol | 3.75KV |
| voltage | L/N-PE | 1.5KV |
| | DIM/485 Wire-PE | 1.5KV |
| | L-N | ±8kV |
| Surge | L/N -PE | ±8kV |
| Static electricity | contact discharge | ±8KV |
| Metrology grade | | Grade 2 |
| Dimming drive capability | | 20mA |
| Dimming method | | 0-10V |
| Lamp power | | <400W(2A、220V)Or 200W(1A、110V) |

2、Environmental parameters

| Project | Calibration | |
|-----------------------------------|-------------|--|
| Normal operating Temperature | -25℃~+60℃ | |
| Extreme operating temperature | -40°C∼+80°C | |
| Storage and transport temperature | -45℃ ~ +80℃ | |
| Storage Humidity Range | ≤85% | |
| waterproof level | IP65 | |

3. Product Size







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