



DESCRIPTION

The photocontroller JL-203C is applicable to control the street lighting, garden lighting, passage lighting and doorway lighting automatically in accordance with the ambient natural lighting level.

This product is designed with electronic circuit assisted thermal switch, with sensor of IR filtered photodiode and a surge arrester (MOV) is available. Its multi-volts feature expands the application of thermal switch which is powerful to carry high wattage lamp loadings, regardless the loading in incandescent, ballasted or e-ballasted.

Besides, its time-delay feature might avoid mis-operation due to spotlight or lightning during the night time.

This product provides twist lock terminals meeting the requirements of ANSI C136.10-2010 and the Standard for Plug-In, Locking Type Photocontrols for Use with Area Lighting UL773.

FEATURES

1. ANSI C136.10-2010 Twist Lock
2. Thermal Switch – All Loading Capable
3. Time Delay Featured
4. Multi-Volts Operation
5. IR Filtered Photodiode Sensor
6. Fail-On Mode
7. IP65 Version Available

SPECIFICATION

| | |
|------------------------------------|---|
| Model | JL-203C |
| Cover | High impact polypropylene, transparent with UV stability window, meet ANSI color coding |
| Base | PBT "Valox 420SE0" |
| Pin | Brass |
| Gasket | Santoprene 251-80W232 |
| Rated Voltage | 120-277VAC |
| Applicable Voltage Range | 105-305VAC |
| Rated Frequency | 50/60Hz |
| Rated Loading | 1000W Tungsten, 1800VA Ballast |
| Sensor | Photo transistor(RoHS) |
| Power Consumption | 1.0VA |
| Turn-On Level / Time-Delay | 10Lx / 15~120s |
| Turn-Off Level / Time-Delay | 60Lx / 2~15s |
| Ambient Temp. | -40°C ~ +70°C |
| Related Humidity | 99% |
| Service Life | 5000 times |
| Overall Size | 84(Dia.) x 66mm |
| Weight Approx. | 83g (IP54) / 88g (IP65) |
| Warranty | 2-year limited |