朗骏智能 LONGJOIN®

DIGITAL ELECTRONIC PHOTOCONTROL (INVERSE EXAMPLE)

JL-216

PRODUCT SUMMARY

The photocontrol JL-216 series is applicable to control the street lighting, garden lighting, passage lighting and doorway lighting automatically in accordance with the ambient natural lighting level, with saving energy feature at dawn.

This product is designed with microprocessor circuits with IR-filtered phototransistor and a surge arrester (MOV) is provided. Further, a preset 5-20 seconds time-delay might avoid redundancy operation due to spotlight or lightning during the night time. The long-life version can maintain constant and reliable characteristics. The relay can have more than 10000 working life cycles. When the double-layer protective shell is installed, it can provide a longer working life for JL-216.

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

FEATURES

- ANSI C136.10 Twist-lock
- Multi-Volts Application
- Inverse proportional illuminance
- Fully Customization Available
- Surge Arrester Built-in
- IR filtered Phototransistor
- Midnight Sleeping Available
- Zero-Cross technology inside
- Fail-On/Fail-Off Modes Available
- UV stabilized enclosure
- Supports FCC class A

PARAMETERS

Model No.	JL-216C	JL-216E	JL-216F
Rated Voltage	120~277VAC	347VAC	480VAC
Applicable Voltage Range	105~305VAC	105~382VAC	105~528VAC
Rated Frequency	50/60Hz		
Rated Loading	1000W Tungsten, 1800VA Ballast, 8A@120VAC/ 5A@208-277VAC e-Ballast	1800W Tungsten, 1800VA Ballast, 5A e-Ballast	1800W Tungsten, 1800VA Ballast

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Model No.	JL-216C	JL-216E	JL-216F
Power Consumption	0.5W Max.		
Surge Immunity	4kV/6kV/20kV	N/A	
Operate Levels	24Lx On / 16Lx Off / per client request		
Ambient Temperature	−40℃ ~ +70℃		
Fail Mode	C5：Fail-On C4：Fail-Off	E5：Fail-On E4：Fail-Off	F5：Fail-On F4：Fail-Off
Shell material	optional		
High protection	Sandwich cover		
Zero-cross	●	N/A	
FCC	●	N/A	
IP level	IP54 / IP65 / IP67		
Factory settings	Illuminance/Delayed Customizable		
Certifications	cULus LISTED CE RoHS	cULus LISTED RoHS	