

JL-217 DIGITAL ELECTRONIC PHOTOCONTROL

JL-217



PRODUCT SUMMARY

The photocontrol JL-217 series is applicable to control the street lighting, garden lighting, passage lighting and doorway lighting automatically in accordance with the ambient natural lighting level, where higher lightning protection feature is required. 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 for turning-off 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-217. 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 UL773.

FEATURES

- ANSI C136.10 Twist-lock
- Multi-Volts Application
- Fully Customization Available
- Surge Arrester Built-inIR filtered Phototransistor
- Fail-On / Fail-Off Modes Available
- Zero Cross Technology inside
- 6kV Differential-Mode A

PARAMETERS

Model No.	JL-217C	JL-217E	JL-217F
Rated Voltage	120~277VAC	347VAC	480VAC
Applicable Voltage Range	105~305VAC	105~382VAC	105~528VAC
Rated Frequency	50/60Hz		



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PARAMETERS

Model No.	JL-217C	JL-217E	JL-217F
Rated Loading	1000W Tungsten, 1800VA Ballast, 8A@120VAC/ 5A@208-277VAC e-Ballast	1800W Tungsten, 1800VA Ballast, 5A e-Ballast	1800W Tungsten, 1800VA Ballast
Power Consumption	0.5W Max.		
Surge Immunity	4kV/6kV/20kV	N/A	
Operate Levels	16Lx On / 24Lx 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	  		