

DIGITAL ELECTRONIC PHOTOCONTROL

JL-207



PRODUCT SUMMARY

The photocontrol JL-207 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-207. The HP version provides a higher load.

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
 - Fully Customization Available
 - Surge Arrester Built-in
 - IR-filtered Phototransistor
 - Fail-On / Fail-Off Modes Available
- UV stabilized enclosure
 - Midnight Sleeping Available
 - Zero-Cross Technology Inside
 - Supports FCC Class A / Class C

PARAMETERS

Model No.	JL-207C	JL-207CHP	JL-207E	JL-207F
Rated Voltage	120~277VAC		347VAC	480VAC
Applicable Voltage Range	105~305VAC		105~382VAC	105~528VAC
Rated Frequency	50/60Hz			
Related Humidity	96%			
Ambient Temperature	-40°C~+70°C			
Fail Mode	C5:Fail-On C4:Fail-Off	C5HP:Fail-On C4HP:Fail-Off	E5:Fail-On E4:Fail-Off	F5:Fail-On F4:Fail-Off

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PARAMETERS

Model No.	JL-207C	JL-207CHP	JL-207E	JL-207F
Rated Loading	1000W Tungsten, 1800VA Ballast, 8A@120VAC/ 5A@208-277VAC e-Ballast	1800W@120VAC 2000W@208-277VAC Tungsten, 1800VA@120VAC 2000VA@208-277VAC Ballast,	1800W Tungsten, 1800VA Ballast, 5A e-Ballast	1800W Tungsten, 1800VA Ballast,
Operate Levels	16Lx On / 24Lx Off (Typical)			
Shell material	optional			
Power Consumption	0.5W Max.	0.9W Max.	0.5W Max.	
High protection	Sandwich cover			
IP level	IP54 / IP65 / IP67			
Factory settings	Illuminance/Delayed Customizable			
Zero crossing control	●		N/A	
FCC	●		N/A	
Certifications	  	   ANSI C136.10-2017	  	