JL-103

Direct Wire-in Thermal Photocontrol (Traditional Button Type)

JL-103







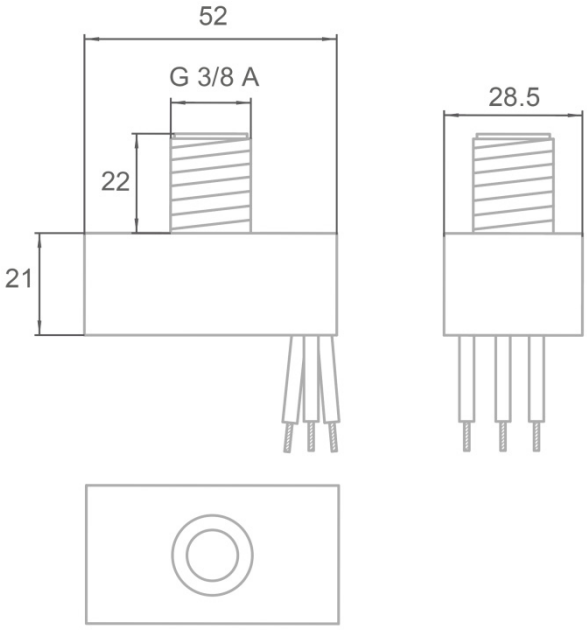
JL-103AGW



Product Summary

The photocontrol JL-103 is applicable to control the passage lighting and doorway lighting automatically in accordance with the ambient lighting level.

This product has been listed by UL LLC and is comply with the Standard for Non-industrial Photocontrols for Lighting Control UL773A.



Features

- Time Delay 20~120 seconds
- Ambient Temperature: -40℃ ~ +70℃

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- UV stabilized PC enclosure

Specifications

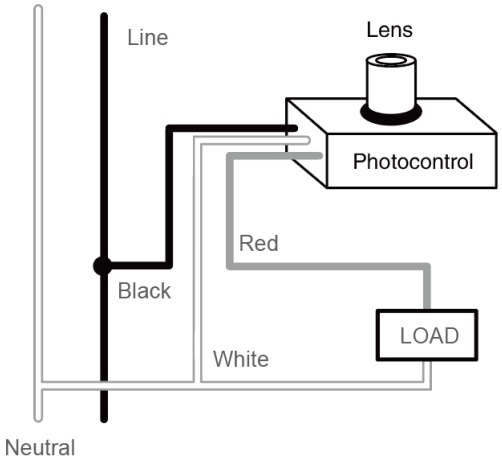
Model No.	JL-103A	JL-103B	JL-103C	JL-103D	JL-103EE	JL-103FE
Rated Voltage	120VAC	220~240VAC	208~277VAC	277VAC	347VAC	480VAC
Applicable Voltage Range	—		200~305VAC	—		
Rated Frequency	50/60Hz					
Wire Length	4"min					
Wiring Material	AWG#18, AWM1015	AWG#18, AWM1015	AWG#16, AWM3321	AWG#18, AWM1015	AWG#16, AWM3321	AWG#16, AWM3321
Rated Loading	500W 850VA	500W 850VA	1500W 1500VA	500W 850VA	2000W 2000VA	2000W 2000VA
Power Consumption	1.5W Max.					
Operate Levels	10~20Lx Turn-On / 30~60Lx Turn-Off					
Ambient Temperature	-40℃ ~ +70℃					
Related Humidity	96%					
Fail Mode	Fail-On					
Rainproof Cap	Optional					
Certifications						—

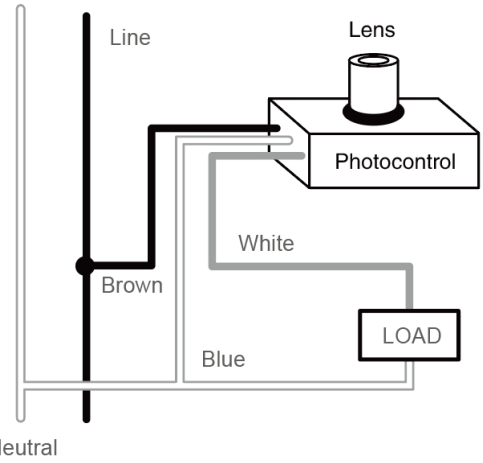
Installation

Disconnect power, remove junction box cover, place the SWITCH in knockout hole and fasten with lock-nut.

Wire according to the diagram:

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"B" version

Do not install the switch with the Photocell facing artificial or reflected light. This will cause the unit to cycle on and off at night.

Initial Testing

- It is normal for the SWITCH to take few minutes to turn off when first installed.
- To test "turn on" during daytime, cover its eye with black tape or other opaque material.
- Do not cover with finger because light traveling through fingers may be great enough to keep the switch open.
- Test will take approximately 2 minutes.

* Operation of this switch is not affected by weather, moisture or temperature changes.

Ordering Information

JL-103A 18 06 P L M N W BC F 25

	1	2	3	4	5	6	7	8	9	10	11
JL-103	A	18	06	P	L	M	N	W	BC	F	25

1: A=120VAC
B=120~240VAC
C=208~277VAC
D=277VAC
EE =347VAC
FE =480VAC

2: Lead Rating
18=18 AWG, 105ºC rated, for models with rating of 500 W use only

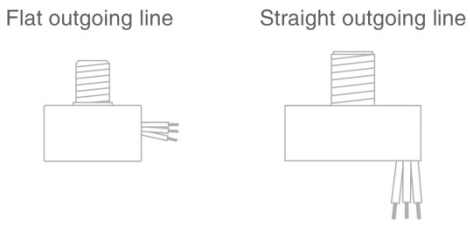
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16G=16 AWG, 150°C rated

3: Lead Length

06 = 6"

Customizable, 4"min



4: P = Wire outlet on the smallest wall

Null = Wire outlet on the largest wall

5: L = Double nut

null= single nut

6: M(option) =UL holographic label

7: N = single flat rubber gasket

NN = double flat rubber gasket

O = double O-ring

NULL = rubber sponge gasket

8: W(option)= aluminum panel

9: optional cap

BC = black shading cap

CC= transparent rain cap

Null = none

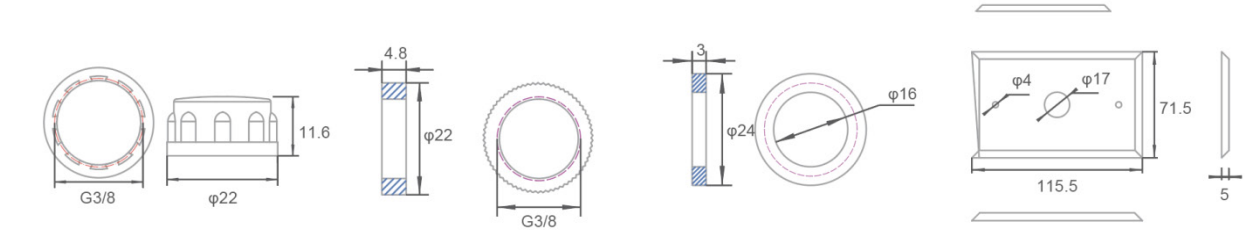
10: (option)

F = European wiring color code with RoHS mark (UKCA)

11: (option)

25mm long screw

Accessory



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