PHOTOELECTRIC SWITCH

JL-423CZ

RAINTIGHT

c(UL)us
LISTED

Product Summary

The photoelectric switch JL-423CZ is applicable to control the street lighting, passage lighting and doorway lighting automatically in accordance with the ambient lighting level.
This product is designed with electronic circuits with MCU incorporated. Its quicker response with time delay of 5 seconds offers easy-to-test feature while avoiding mis-operation due to spotlight or lightening during night time. Especially, model JL-423CZ provides a wide voltage range for customer applications under almost power supplies.

Technical Data

Model No.	JL-423CZ
Rated Voltage	120-277VAC
Rated Frequency	50/60Hz
Rated Loading	1000W Tungsten, 1200VA Ballast@120VAC 1000W 1800VA Ballast@208-277VAC 8A e-Ballast@120VAC 5A e-Ballast@208~277V
Power consumption	0.4W max
Operate Level	16Lx On 24Lx Off

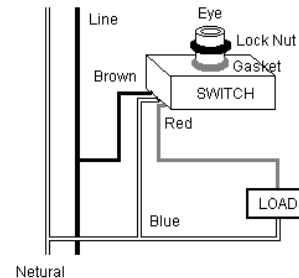| Ambient Temperature	-30℃ ~ +70℃
IP Grade	IP65
Overall Dimensions	JL-423C: 54.5(L) x 29(W) x 44(H)mm
Leads Length	180mm or Customer request (AWG#18)
Fail Mode	Fail-On
Sensor Type	IR-Filtered Phototransistor
Surge Protection MOV*	460J / 13000A
Midnight Schedule	Available per client's request

Installation & Operational Instructions

Installation

Disconnect power, remove junction box cover, place the SWITCH in knockout hole and fasten with locknut.
Wire according to the diagram in right hand.
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.

Accessories

◇ Lock-Nut
  1pc applied.
◇ Flat Silicone Gasket
  1pc applied.
◇ Rain Tight Lens Protection Cover in transparent
  *Available per request (*Append '-CC' following Ordering Code)*
◇ Always-On Shielding Cover in black
  *Available per request (*Append '-BC' following Ordering Code)*
◇ Waterproof Wire Outlets Sealed with silicone
  *Available per request (*Append '-IP65' following ordering Code).*

Ordering Information

*JL-423C   ***Z*

*:   **Model Number**;
***:   **Zero-cross Technology Built-in & FCC conforming**

Dimensions

G 3/8A
(按GB7307~87)

28.7

23.3

22

2.5

52

21

带灌胶槽