COMMERCIAL
IGHTING SERVICES

JL-403C(M)
Direct Wire-In Electronic Photocontrol
Wire-In

JL-403C

JL-403CM

PRODUCT SUMMARY

The photocontrol JL-403C is applicable to control the street lighting, passage lighting and doorway lighting automatically in accordance with the ambient lighting level.
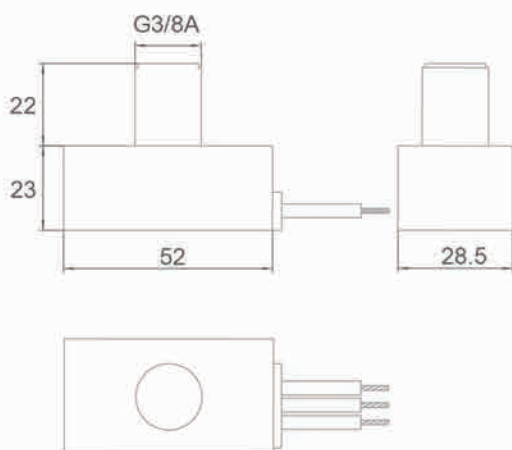
This product is designed with electronic circuits. Its quicker response with time delay of 3-10 seconds offers easy-to-test feature. Especially, model JL-403C provides a wide voltage range for customer applications under almost power supplies.

Further, a preset 3-10 seconds time-delay might avoid mis-operation due to spotlight or lightning during the night time
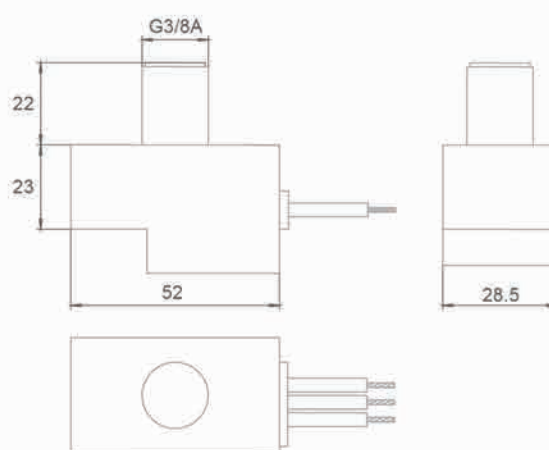
This product has been listed by UL LLC and is comply with the Standard for Non-industrial Photoelectric Switches for Lighting Control UL773A.

FEATURES

- Direct wire-in
- 3-10s Time delay for luminaires protection

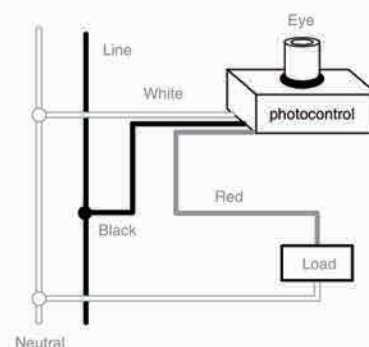WWW.8774lights.com   E-mail:Lenny8774lights@gmail.com

JL-403

JL-403CM

SPECIFICATIONS

Model No.	JL-403C
Rated Voltage	120-277VAC
Rated Frequency	50/60Hz
Rated Loading	500W Tungsten, 850VA Ballast 5A e-Ballast
Power Consumption	1.8W@120VAC
Operate Levels	10~20Lx Turn-On / 30~80Lx Turn-Off
Ambient Temperature	-40℃ ~ +70℃
Related Humidity	96%
Leads	AWG #18, AWM 1015 4" min
Failure Mode	Fail-Off
Rainproof Cap	Yes
Certifications	c UL us LISTED CE RoHS

INSTALLATION

Disconnect power, remove junction box cover, place the photocontrol through knockout hole and fasten with locknut. Wire according to the diagram in below.

Do not install the photocontrol with the Photocell facing artificialor reflected light. This may cause the unit to cycle on and off at night.

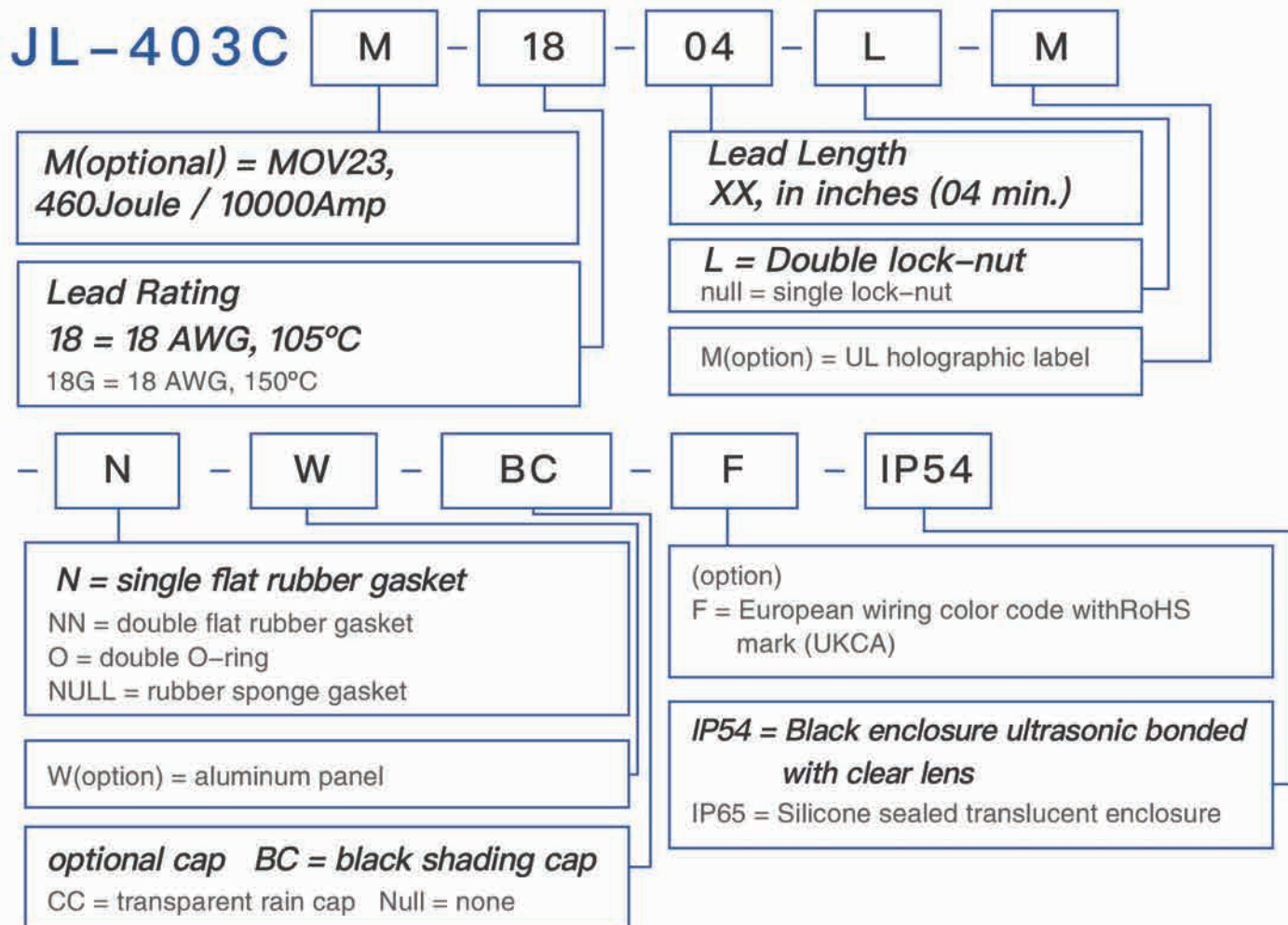WWW.8774lights.com   E-mail:Lenny8774lights@gmail.com

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

ORDERING INFORMATION

JL–403CM 18 04 L M N W BC F –IP54

JL–403C | M | – | 18 | – | 04 | – | L | – | M

M(optional) = MOV23, 460Joule / 10000Amp

Lead Rating
18 = 18 AWG, 105°C
18G = 18 AWG, 150°C

Lead Length
XX, in inches (04 min.)

L = Double lock–nut
null = single lock–nut

M(option) = UL holographic label

– N – W – BC – F – IP54

N = single flat rubber gasket
NN = double flat rubber gasket
O = double O–ring
NULL = rubber sponge gasket

W(option) = aluminum panel

optional cap   BC = black shading cap
CC = transparent rain cap   Null = none

(option)
F = European wiring color code withRoHS
mark (UKCA)

IP54 = Black enclosure ultrasonic bonded with clear lens
IP65 = Silicone sealed translucent enclosure

ASSEMBLIES

Rainproof Cap

Lock-nut

Gasket

Panel