

PHOTOELECTRIC SWITCH

PE-MV-01



RAINTIGHT

LISTED

Product Summary

The photoelectric switch PE-MV-01 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 PE-MV-01 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 Inc and is comply with the Standard for Non-industrial Photoelectric Switches for Lighting Control UL773A.

Technical Data

Model No.	PE-MV-01
Rated Voltage	120-277VAC
Rated Frequency	50/60Hz
Rated Loading	500W Tungsten, 850VA Ballast 5A E-Ballast
Power consumption	2W

Operate Level	10~20Lx On 30~80Lx Off
Ambient Temperature	-40℃ ~ +70℃
Related Humidity	99%RH
Overall Dimensions	54.5(L) x 29(W) x 44(H)mm
Leads Length	180mm or Customer request (AWG#18)

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.

