

M Series

Delayed Response

Key Features

- Up to 360 Joule MOV Surge Protection
- Heavy-Duty Thermal Bi-Metal Switch
- 30 - 45 Second Time Delay
- UL Listed
- ANSI C136.10 Compliant

The M series photocontrols are engineered to meet the demanding needs of Utility street lighting control. The heavy-duty thermal bi-metal switch in the M series produces a minimum 30-45 second time delay, eliminating unwanted off/on operations that could be caused by lightning, car headlights or other sudden changes in the ambient light. This feature makes the M series well suited for areas with high lighting activity. All M series controls are equipped with a Metal Oxide Varistor (MOV) to protect both the control and the luminaire against sudden surges in the line voltage, as well as a 1" CdS cell to maximize the photocontrol's useful life.



Switch	SPST thermal bi-metallic
Fail Mode	On (contacts normally closed)
Power Consumption	0.9 Watts (avg) @ 120 volts
Switch Lifetime	Exceeds 5,000 on/off operations
Temperature Range	-40°C to +65°C @ 96% RH
Cover	High impact Noryl with UV resistant acrylic window
Base	High temperature polyester (PBT)
Gasket	Cross-linked polyethylene
Connection	3-Pole locking-type with solid brass legs
Light Sensor	1" cadmium sulfide (Cds) Cell

Model	Rated Volts	Range (Volts)	Load Rating Tungsten (Watts)	Load Rating Ballast (VA)	Surge Protection (Joules)	Turn On (Fc)	Off/On Ratio
M-120	120	105 - 130	1000	1800	180	1.5	4 : 1
M-208-277	240	185 - 305	1000	1800	180	1.5	4 : 1
M-480*	480	420 - 530	1000	1800	180	1.5	4 : 1
M-PV	120 / 208 / 240 / 277	105 - 305	1000	1800	180	1.5	4 : 1
M-347*	347	310 - 380	1000	1800	180	1.5	4 : 1
MH-120	120	105 - 130	1000	1800	360	1.5	4 ; 1
MH-208-277	240	185 - 305	1000	1800	360	1.5	4 : 1
MH-PV	120 / 208 / 240 / 277	105 - 305	1000	1800	360	1.5	4 : 1

*Not UL Listed

The photocontrols on this page can be used to safely control luminaires with incandescent lamps, as well as with either HID or fluorescent lamps.