

M SERIES PHOTOCONTROL

THERMAL, UTILITY GRADE WITH SURGE PROTECTION

KEY FEATURES

- Up to 360 Joule surge protection
- Heavy-duty thermal bi-metal switch
- 30 - 45 second time delay
- UL | CSA Listed
- ANSI C136.10 compliant
- Fail mode is ON

TE Connectivity's (TE) M Series offers a locking style control with surge protection. The M Series photocontrols are engineered to meet the demanding needs of utility street lighting control.

A 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 lightning 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 the Cds cell to maximize the photocontrol's useful life.

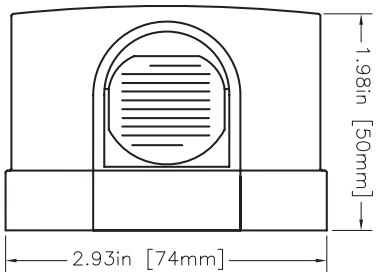
Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

For ordering information, please contact sales@ilighting.com

M Series Photocontrol



The M Series is the result of over fifty years of experience designing and delivering superior photocontrols and other lighting accessories in the US and around the world.



SPECIFICATION	
Physical	Dimensions: approx. 2.93" [74mm] dia x 1.98" [50mm] high (Not including contacts)
	Enclosure: designed to meet ANSI C136.10, UL773
	Power consumption: less than 0.9 watts (avg.) at 120 VAC
Temperature	Minus 40°C to plus 65°C at 96% RH
Switch	SPST thermal bi-metallic Exceeds 7500 on/off operations
Load Rating	1000 Watt Tungsten 1800 VA ballast
Cover	High impact Noryl with UV stablilized 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

TECHNICAL INFORMATION	
Rated Volts	105 - 305 VAC
Frequency	50 - 60 Hz
Operating Light Levels	Standard 1.5 Fc ON
Time Delay	30 - 45 Second Delay ON and OFF
OFF/ON Ratio	4 : 1
Fail Mode	ON
Surge Protection	180 or 360 Joules
Rated Life	4 years

PRODUCT SELECTION INFORMATION

Description	Rated Volts	Range (Volts)	Load Rating Tungsten (Watts)	Load Rating Ballast (VA)	Surge Protection (Joules)	TurnON (Fc)	OFF/ON Ratio
M-120	120	105 - 130	1000	1800	180	1.5	4 : 1
M-208-277	208/240/277	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	208/240/277	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
** CSA Listed Only

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