

Intermatic, a leading supplier of photocontrols, provides lighting controls that best meet your needs and budget. Our comprehensive portfolio includes:

Traditional Thermal Switch Photocontrols

Thermal Photocontrols are electromechanical switches that are based on a Cadmium Sulphide (CdS) photosensor and a bimetallic, thermally sensitive switch mechanism. These simple switches provide a very cost-effective means for dusk-to-dawn control of traditional HID and incandescent lighting loads. In conventional installations, Intermatic photocontrols match the life of the lamp, helping to avoid extra maintenance costs.

- **Low Initial Cost**
- **3- to 5-Year Design Life**
- **1- to 2-Year Product Warranty**

NightFox™ Electronic Photocontrols

Today's long-lasting lighting installations require lighting controls that are equal to the task. Our NightFox Electronic Photocontrols meet the extended life expectations of new light fixtures, including those associated with LED and induction lighting technologies. NightFox Photocontrols include a solid-state light sensor and relays that feature zero-crossing technology for more precise control and extended service life. These premium photocontrols help maximize the cost-savings and productivity benefits of maintenance-free installations.

- **Tested to Ensure up to 15,000+ ON/OFF Cycles for Maximum ROI**
- **10 to 20-Year Design Life**
- **6 to 12-Year Product Warranty**

Applications

- Street lighting • Perimeter lighting
- Landscape lighting • Parking Lot lighting • Pathway lighting • Park and Recreational lighting





K4121C



K4423M

Stem Mount
Thermal Photocontrols

K4100 and K4400 Series

These photocontrols install on standard outdoor light fixtures and electrical boxes with 1/2"-14 NPSM thread or 7/8" knock-out holes for dusk-to-dawn ON/OFF control of outdoor lighting.

Features

- Mechanical bimetal switch with Cadmium Sulfide photocell
- Delay feature prevents unwanted OFF switching
- Plastic and die-cast metal housing options
- 1/2"-14 NPSM threaded stem
- Washer gasket and locking nut included
- #18 AWG, 9" wire leads

Model #	Voltage	Tungsten	Ballast	Housing
K4121C	120 VAC, 50/60 Hz	1800 W	1000 VA	Polycarbonate
K4141C†	120 VAC, 50/60 Hz	3000 W	3000 VA	
K4123C	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	
K4127*	347 VAC, 50/60 Hz	5205 W	2880 VA	
K4135†	480 VAC, 50/60 Hz	7200 W	4000 VA	
K4421M	120 VAC, 50/60 Hz	1800 W	1000 VA	Die-Cast Zinc
K4423M	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	

Note: *K4127 is only CSA. †K4135 is not UL/CSA certified.



K4221C



K4251

Stem and Swivel Mount
Thermal Photocontrols

K4200 Series

These photocontrols are provided with a swivel arm for easy and flexible installation to standard outdoor light fixtures or electrical boxes.

Features

- Mechanical bimetal switch with Cadmium Sulfide photocell
- Delay feature prevents unwanted OFF switching
- High strength, UV resistant plastic housing
- Swivel with 1/2"-14 NPSM threaded stem
- Washer gasket and locking nut included
- #18 AWG, 6" wire leads

Model #	Voltage	Tungsten	Ballast	Sensor Location
K4221C	120 VAC, 50/60 Hz	1800 W	1000 VA	Side
K4223C	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	
K4235†	480 VAC, 50/60 Hz	7200 W	4000 VA	
K4227*	347 VAC, 50/60 Hz	5205 W	2880 VA	
K4236C	120-277 VAC, 50/60 Hz	1800-4150 W	1000-2300 VA	
K4251*	120 VAC, 50/60 Hz	1800 W	1000 VA	Top
K4253*	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	

Note: *K4227, K4253, K4251 is only CSA.

†K4235 is not UL/CSA certified.

For all Models Above



Ratings	
Operating Voltage	See Model Table
Inductive Ballast	
All Models	8.3 A
K411C	25 A
Incandescent	
All Models	15 A
K411C	25 A
Activation On	1 to 5 fc
Activation Off	3 to 15 fc
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Wire Leads	#18 AWG, 9"
Dimensions H x W x D	3" X 1 1/16" X 1 1/16" (76.2mm x 39.7mm x 39.7mm)
Warranty	2-year limited; 1-year limited for K4251, K4253 & K4141C

Accessories

Light Guard	22LG116
Swivel Arm	K42-SW-A
Light Shield	6LV1352



22LG116



K42-SW-A



6LV1352