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



LC4521

Locking Type Thermal Photocontrols

LC4500 Series

These photocontrols install on light fixtures with ANSI C136.10 NEMA receptacles commonly found on street light fixtures. Locking type design facilitates fast installation and replacement of photocontrol.

Features

- Mechanical bi-metal switch with Cadmium Sulfide photocell
- Integral high impact thermoplastic housing
- Locking type plug for quick installation and changeover
- Delay feature prevents unwanted OFF switching
- Complies with ANSI C136.10 standard
- Tested to 3,650 ON/OFF cycles

Model #	Voltage	Tungsten	Ballast	Protection
LC4521C	120 VAC, 50/60 Hz	1800 W	1000 VA	None
LC4523	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	
LC4527*	347 VAC, 50/60 Hz	5205 W	2880 VA	
LC4535	480 VAC, 50/60 Hz	7200 W	4000 VA	
LC4536C	120-277 VAC, 50/60 Hz	1800-4155 W	1000-2300 VA	
LC4521LA	120 VAC, 50/60 Hz	1800 W	1000 VA	Spark Gap Surge Arrestor
LC4523LA	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	
LC4535LA	480 VAC, 50/60 Hz	7200 W	4000 VA	
LC4536LAC	120-277 VAC, 50/60 Hz	1800-4155 W	1000-2300 VA	

*Note: *LC4527 is only CSA.*

Ratings	
Operating Voltage	See Model Table
Inductive Ballast	8.3 A
Incandescent	15 A
Activation On	5 fc
Activation Off	15 fc
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Dimensions H x Dia	2 ¾" x 3" (69.9mm x 76.2 mm)
Warranty	2-year limited

LC2100

Low-Cost Multivoltage Locking Type Thermal Photocontrols

LC2000 Series

This model combines a silicon diode photosensing element with thermal switch to provide a multivoltage, cost-effective photocontrol.

Features

- Mechanical bimetal switch with Silicon Diode photocell
- Thermoplastic housing with window
- Multivoltage covers 120 to 277 VAC applications
- Complies with ANSI C136.10

Model #	Voltage	Tungsten	Ballast
LC2100	120-277 VAC, 50/60 Hz	1800 W	1000 VA

Ratings	
Operating Voltage	See Model Table
Inductive Ballast	1800 VA, 120-277 VAC, 50/60 Hz
Incandescent	1000 W, 120-277 VAC, 50/60 Hz
Activation On	1.5 fc
Activation Off	6 fc
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Dimensions H x Dia	2 7/32" x 3" (56.4mm x 76.2 mm)
Warranty	2-year limited

For all Models Above

Accessories

Shorting Plug, Rating: 15 A, 480 VAC Max	K4500
ANSI C136.10 Locking Type Receptacle, (9" lead)	K121
ANSI C136.10 Locking Type Receptacle, (30" lead)	K121-30
Sealed Locking Type Receptacle with Pole Bracket	K122

K4500

K121/K121-30

K122