

## Photocontrol - Low-Cost Locking Type Thermal Photocontrol, 120-277 V

Item LC2100



### PRODUCT DESCRIPTION

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

### FEATURES

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

### APPLICATIONS

- ▶ Outdoor Lighting Control

### TECHNICAL DATA

General	
Model Number	LC2100
Description	Low-Cost Locking Type Thermal Photocontrol, 120-277 V
UPC Code	078275148826
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	2-Year limited
Control Specifications	
Sensor Time Delay	30 sec to 90 sec
Photocell Type	Silicon Diode
Photo Control Switch Type	Mechanical Bimetal
Fail Mode	ON
Activation On	1.5 fc
Activation Off	6 fc
Photocontrol Type	Thermal
Application Compatibilities	HID; Incandescent
Photocontrol Style	Locking type
Photocontrol Sensor Location	Side
Dimensions	
Product Height (in)	2.22
Product Height (mm)	56.4
Product Diameter (in)	3
Product Diameter (mm)	76.2
Material Specifications	
Color	Blue
Housing Material	Polycarbonate with Acrylic Window

**Load Ratings**

Magnetic Ballast (NO) Range(s)	1800 VA
Tungsten Incandescent (NO) Range(s)	1000 W

**Electrical Specifications**

Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection Technology	110 J MOV
Switch Type	SPST

**Packaging**

Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	2.638 x 3.228 x 3.228 in

**Operating Specifications**

Expected Lifetime (Years)	5
Expected Lifetime (Operations)	3650

**Environmental Specifications**

Temperature (operation)	-40 °F to 158 °F / (-40 °C to 70 °C)
Usage Environments	Outdoor

**Standards and Certifications**

UL Certification	cULus
Other Certifications and Compatibilities	ANSI C136.10; Green Energy
California Proposition 65	None
RoHS Certification	N/A

## ACCESSORIES



K121  
Locking Type Receptacle, 3-Pin,  
C136.10 Compliant, 9" lead



K121-30  
Locking Type Receptacle, 3-Pin,  
C136.10 Compliant, 30" lead



K122  
Locking Type Receptacle, 3-Pin,  
C136.10 Compliant, with Pole  
Mounting Bracket



K171H  
Locking Type Receptacle, 7-Pin,  
C136.41 Compliant, 12" lead



KPT1170-010  
PowerTap Receptacle, 7-Pin, C136.41  
Compliant, Dusk-to-Dawn, 10' cable



KPT0170-010  
PowerTap Receptacle, 7-Pin, C136.41  
Compliant, Always-On, 10' cable



SK4500K  
Shorting Plug for Locking Type  
Receptacles



KPT0170-015  
PowerTap Receptacle, 7-Pin, C136.41  
Compliant, Always-On, 15' cable



SK4500KMX  
Shorting Plug for Locking Type  
Receptacles