

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	
Incandescent Load Ratings Ranges	8.3 A @ 120 VAC; 3.6 A @ 277 VAC
Magnetic Ballast Range(s)	1800 VA
Tungsten 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
Hz	50/60
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