

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 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

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 7/32
Product Height (mm)	56.4
Product Diameter (in)	3
Product Diameter (mm)	76.2

Material Specifications

Cover Color	Blue
Housing Material	Polycarbonate with Acrylic Window

Load Ratings	
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

Packaging	
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°C..70°C
Usage Environments	Outdoor

Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	Ansi C136.10
California Proposition 65	None

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