

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)	2.22
Product Height (mm)	56.4
Product Diameter (in)	3
Product Diameter (mm)	76.2
Material Specifications	
Color	Blue
Cover 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

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°C..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	X

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



Instructions for Installing LC2100 and LC4500 Series Thermal Photocontrols

⚠ WARNING *Risk of Fire or Electric Shock*

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before beginning installation or servicing.
- Do NOT use the OFF state of the photocontrol for equipment servicing.

IMPORTANT OPERATING INSTRUCTIONS

1. Disconnect power.
2. Insert the photocontrol prongs into the female socket and twist in clock-wise direction until unit is secure.
3. If necessary, adjust the base so that the photocontrol eye is facing north away from the sun and any artificial light.
4. Reapply Power.

Instructions d'installation des photocontrôleurs thermiques des séries LC2100 et LC4500

⚠ AVERTISSEMENT *Risque d'incendie et d'électrocution*

- Débrancher l'alimentation au niveau des disjoncteurs ou des sectionneurs avant de procéder à l'installation ou à l'entretien.
- Ne PAS utiliser l'état ARRÊT de la commande photo-électronique pour travailler sur le matériel.

INSTRUCTIONS D'UTILISATION IMPORTANTES

1. Débrancher l'alimentation.
2. Insérer les broches de la commande photo-électronique dans la prise femelle et tourner dans le sens horaire jusqu'à ce que l'unité soit bien fixée.
3. Au besoin, ajuster la base de manière à orienter la commande photo-électronique face au nord, à l'écart du soleil et de toute lumière artificielle.
4. Rétablir l'alimentation.

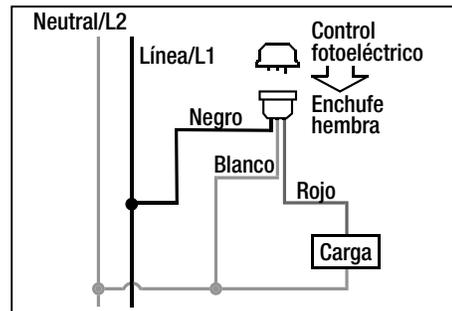
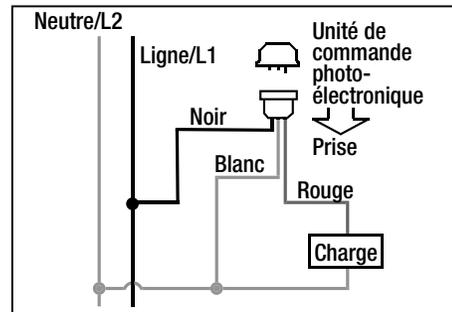
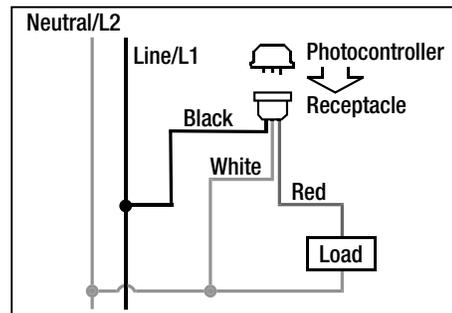
Instrucciones para instalar los fotocontroles térmicos de las series LC2100 y LC4500

⚠ ADVERTENCIA *Riesgo de incendio o descarga eléctrica*

- Desconecte el suministro eléctrico de los disyuntores o desconecte los interruptores antes de comenzar la instalación o el mantenimiento.
- NO use el estado OFF (Apagado) de los controles fotoeléctricos para realizar mantenimiento del equipo.

INSTRUCCIONES DE OPERACIÓN IMPORTANTES

1. Desconecte la alimentación eléctrica.
2. Inserte las puntas del control fotoeléctrico en el tomacorriente y gírelo hacia la derecha hasta que la unidad quede firme.
3. En caso necesario, ajuste la base de modo que la mirilla del control fotoeléctrico apunte hacia el norte lejos del sol y de las luces artificiales.
4. Vuelva a aplicar la alimentación eléctrica.



LIMITED WARRANTY

Warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at www.intermatic.com. This warranty is made by: Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For warranty service go to: <http://www.Intermatic.com> or call 815-675-7000.

GARANTIE LIMITÉE

Ce service de garantie est disponible (a) en retournant le produit au vendeur auprès duquel l'unité a été achetée ou (b) en remplissant un formulaire en ligne de réclamation de garantie sur www.intermatic.com. Cette garantie est faite par : Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. Pour les services de garantie, accédez à la page suivante : <http://www.Intermatic.com> ou appelez au 815-675-7000.

GARANTÍA LIMITADA

Este servicio de garantía está disponible mediante (a) la devolución del producto al proveedor al que se le compró la unidad; o (b) el llenado de una reclamación de garantía en línea en www.intermatic.com. Esta garantía la otorga: Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. Para obtener servicios de garantía, ingrese a: <http://www.Intermatic.com> o llame al 815-675-7000

INTERMATIC INCORPORATED
1950 Innovation Way, Suite 300
LIBERTYVILLE, ILLINOIS 60048
www.intermatic.com