

Photocontrol - Locking Type Thermal Photocontrol, 120 V, Spark Arrestor

Item LC4521LA



PRODUCT DESCRIPTION

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 bimetal 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

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

General

Model Number	LC4521LA
Description	Locking Type Thermal Photocontrol, 120 V, Spark Arrestor
UPC Code	078275002661
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	2-Year limited

Control Specifications

Sensor Time Delay	30 sec to 90 sec
Photocell Type	Cadmium Sulfide
Photo Control Switch Type	Mechanical Bimetal
Fail Mode	ON
Activation On	5 fc
Activation Off	15 fc
Photocontrol Type	Thermal
Application Compatibilities	HID; Incandescent
Photocontrol Style	Locking type
Photocontrol Sensor Location	Side

Dimensions

Product Height (in)	2.75
Product Height (mm)	69.9
Product Diameter (in)	3
Product Diameter (mm)	76.2

Material Specifications

Color	White with Gray Band
Housing Material	Polypropylene

Load Ratings

Incandescent Load Ratings Ranges	15 A
Magnetic Ballast Range(s)	8.3 A, 1000 VA
Tungsten Range(s)	15 A, 1800 W

Electrical Specifications

Input Voltage Range(s)	120 VAC, 50/60 Hz
Surge Protection Technology	Spark Gap Surge Arrestor
Switch Type	SPST
Hz	50/60

Packaging

Shipping Weight (lbs)	0.251
Unit Carton Dimensions (H x W x D) in	3.25 x 3.13 x 3.13 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
CSA Certification	cCSAus
Other Certifications and Compatibilities	Title 20; 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