

Photocontrol - Locking Type Thermal Photocontrol, 120 V

Item LC4521C



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 | LC4521C |
| Description | Locking Type Thermal Photocontrol, 120 V |
| UPC Code | 078275002043 |
| 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 3/4 |
| Product Height (mm) | 69.9 |
| Product Diameter (in) | 3 |
| Product Diameter (mm) | 76.2 |

Material Specifications

| | |
|-------------|----------------------|
| Cover Color | White with Gray Band |
|-------------|----------------------|

| | |
|--|------------------------|
| Housing Material | Polypropylene |
| Load Ratings | |
| 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 |
| Packaging | |
| Unit Carton Dimensions (H x W x D) in | 3.25 x 3.19 x 3.19 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 | UL |
| CSA Certification | cCSAus |
| Other Certifications and Compatibilities | Title 20; 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