

Photocontrol - Locking Type Thermal Photocontrol, 480 V, Spark Arrestor

Item LC4535LA



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                   | LC4535LA                                                 |
| Description                    | Locking Type Thermal Photocontrol, 480 V, Spark Arrestor |
| UPC Code                       | 078275002685                                             |
| 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                          | Gray with Yellow Band                                    |

|                  |               |
|------------------|---------------|
| Housing Material | Polypropylene |
|------------------|---------------|

Load Ratings

|                                  |                |
|----------------------------------|----------------|
| Incandescent Load Ratings Ranges | 15 A           |
| Magnetic Ballast Range(s)        | 8.3 A, 4000 VA |
| Tungsten Range(s)                | 15 A, 7200 W   |

Electrical Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Input Voltage Range(s)      | 480 VAC, 50/60 Hz        |
| Surge Protection Technology | Spark Gap Surge Arrestor |
| Switch Type                 | SPST                     |
| Hz                          | 50/60                    |

Packaging

|                                       |                          |
|---------------------------------------|--------------------------|
| Shipping Weight (lbs)                 | 0.2                      |
| Unit Carton Dimensions (H x W x D) in | 3.131 x 3.131 x 3.131 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                         | UL                                   |
| CSA Certification                        | cCSAus                               |
| Other Certifications and Compatibilities | Title 20; 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