

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 multi-voltage, cost-effective photocontrol.

FEATURES

- ▶ Mechanical bimetal switch with Silicon Diode photocell
- ▶ Thermoplastic housing with window
- ▶ Multi-voltage 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                                                  |
| Housing Material               | Polycarbonate with Acrylic Window                     |

| Load Ratings                             |                                      |
|------------------------------------------|--------------------------------------|
| Incandescent Load Ratings Ranges         | 8.3 A @ 120 VAC; 3.6 A @ 277 VAC     |
| Tungsten Range(s)                        | 1000 W                               |
| Magnetic Ballast (NO) Range(s)           | 1800 VA                              |
| Electrical Specifications                |                                      |
| Input Voltage Range(s)                   | 120-277 VAC, 50/60 Hz                |
| Surge Protection Technology              | 110 J MOV                            |
| Switch Type                              | SPST                                 |
| Hz                                       | 50/60                                |
| 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 °F to 158 °F / (-40 °C to 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                       | 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