

Photocontrol - Stem Mount Thermal Photocontrol, 120 V

Item K4121C



PRODUCT DESCRIPTION

These photocontrols install on standard outdoor light fixtures and electrical boxes with 1/2"-14 NPSM thread or 7/8" knock-out holes for dusk-to-dawn ON/OFF control of outdoor lighting.

FEATURES

- ▶ Mechanical bimetal switch with Cadmium Sulfide photocell
- ▶ Delay feature prevents unwanted OFF switching
- ▶ Gray plastic housing
- ▶ 1/2"-14 NPSM threaded stem
- ▶ Washer gasket and locking nut included
- ▶ #18 AWG, 9" wire leads

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

| General                        |                                        |
|--------------------------------|----------------------------------------|
| Model Number                   | K4121C                                 |
| Description                    | Stem Mount Thermal Photocontrol, 120 V |
| UPC Code                       | 078275002012                           |
| 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                | 1 to 5 fc                      |
| Activation Off               | 3 to 15 fc                     |
| Photocontrol Type            | Thermal                        |
| Application Compatibilities  | HID; Fluorescent; Incandescent |
| Photocontrol Style           | Stem Mount                     |
| Photocontrol Sensor Location | Side                           |

| Dimensions            |       |
|-----------------------|-------|
| Product Height (in)   | 3     |
| Product Height (mm)   | 76.2  |
| Product Width (in)    | 1.563 |
| Product Width (mm)    | 39.7  |
| Product Depth (in)    | 1.563 |
| Product Depth (mm)    | 39.7  |
| Wire Lead Length (in) | 9     |

|                       |           |
|-----------------------|-----------|
| Wire Lead Length (mm) | 228.6     |
| Wire Size Max         | #18 AWG   |
| Stem Diameter         | 1/2"      |
| Stem Thread Size      | 1/2" - 14 |
| Stem Thread Type      | NPSM      |

Material Specifications

|                  |               |
|------------------|---------------|
| Color            | Gray          |
| Housing Material | Polycarbonate |

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

|                        |                   |
|------------------------|-------------------|
| Wiring Option          | Wire leads        |
| Input Voltage Range(s) | 120 VAC, 50/60 Hz |
| Switch Type            | SPST              |
| Hz                     | 50/60             |

Packaging

|                                       |                    |
|---------------------------------------|--------------------|
| Shipping Weight (lbs)                 | 0.21               |
| Unit Carton Dimensions (H x W x D) in | 4.88 x 1.75 x 3 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; Green Energy |
| UL Standard                              | UL 773                 |
| California Proposition 65                | DEHP                   |
| RoHS Certification                       | X                      |

ACCESSORIES



22LG116  
Light Guard Accessory for K4100 Series, K4200 Series Thermal Photocontrols



K42-SW-A  
Swivel Arm Accessory for EK4136S, K4100 Series Stem Mount Photocontrols



6LV1352  
Light Shield Accessory for EK4036S, EK4436SM, K4000 Series Button Photocontrols