

Photocontrol - Stem and Swivel Mount Thermal Photocontrol, 120 V

Item K4221C



PRODUCT DESCRIPTION

These photocontrols are provided with a swivel arm for easy and flexible installation to standard outdoor light fixtures or electrical boxes.

FEATURES

- ▶ Mechanical bimetal switch with Cadmium Sulfide photocell
- ▶ Delay feature prevents unwanted OFF switching
- ▶ High strength, UV resistant plastic housing
- ▶ Swivel with 1/2"-14 NPSM threaded stem
- ▶ Washer gasket and locking nut included
- ▶ #18 AWG, 6" wire leads

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

| General                        |                                                   |
|--------------------------------|---------------------------------------------------|
| Model Number                   | K4221C                                            |
| Description                    | Stem and Swivel Mount Thermal Photocontrol, 120 V |
| UPC Code                       | 078275002029                                      |
| 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 and Swivel Mount                             |
| Photocontrol Sensor Location   | Side                                              |
| Dimensions                     |                                                   |
| Product Height (in)            | 5                                                 |
| Product Height (mm)            | 139.7                                             |
| Product Width (in)             | 1.563                                             |
| Product Width (mm)             | 39.7                                              |
| Product Depth (in)             | 1.563                                             |
| Product Depth (mm)             | 39.7                                              |
| Wire Lead Length (in)          | 6                                                 |
| Wire Lead Length (mm)          | 152                                               |
| 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)                 | 0.299              |
| 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                         | cULus                  |
| CSA Certification                        | cCSAus                 |
| Other Certifications and Compatibilities | Title 20; Green Energy |
| California Proposition 65                | DEHP                   |
| RoHS Certification                       | N/A                    |

**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