

Photocontrol - NIGHTFOX Select Grade Locking Type Electronic Photocontrol, 347/480 V

Item EK4537



PRODUCT DESCRIPTION

Designed to meet a 15-year service life, this photocontrol is LED-compatible and backed by an 8-year warranty.

FEATURES

- ▶ Non-drift silicon light sensor with IR filter
- ▶ DC relay with zero-crossing circuitry for extended life
- ▶ All components meet 15-year life expectancy
- ▶ Conformal coated PCB
- ▶ Exceeds 10,000 ON/OFF switching cycles
- ▶ Ideal for single or multifixture HID and LED installations (up to 1,650 W @ 277 VAC)
- ▶ 685 J MOV surge protection
- ▶ High precision, microprocessor-controlled zero-cross switching, individually calibrated to extend the life of 20 A relay independent of load being switched

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

| General | |
|--------------------------------|---|
| Model Number | EK4537 |
| Description | NIGHTFOX Select Grade Locking Type Electronic Photocontrol, 347/480 V |
| UPC Code | 078275148970 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 8-Year limited |
| Control Specifications | |
| Sensor Time Delay | Instant ON; 2 sec to 5 sec OFF |
| Photocell Type | Silicon Diode |
| Photo Control Switch Type | Relay |
| Fail Mode | ON |
| Activation On | 1.5 fc |
| Activation Off | 2.25 fc |
| Photocontrol Type | Electronic |
| Application Compatibilities | LED; Incandescent; HID |
| Photocontrol Style | Locking type |
| Photocontrol Sensor Location | Side |
| Dimensions | |
| Product Height (in) | 2.75 |
| Product Height (mm) | 69.9 |
| Product Diameter (in) | 3.375 |
| Product Diameter (mm) | 85.8 |
| Material Specifications | |

Color White with Yellow Band

Housing Material Polypropylene

Load Ratings

Magnetic Ballast (NO) Range(s) 1800 VA

Electronic Ballast Load Ratings NO Ranges 2 A, 347 VAC

Tungsten Incandescent Load Ratings NO Ranges 1000 W

Electrical Specifications

Input Voltage Range(s) 347/480 VAC, 50/60 Hz

Surge Protection Technology 685 J MOV

Hz 50/60

Packaging

Shipping Weight (lbs) 0.35

Unit Carton Dimensions (H x W x D) in 3.375 x 3.375 x 3.062 in

Operating Specifications

Expected Lifetime (Years) 15

Expected Lifetime (Operations) 10000

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 Title 20; ANSI C136.10; Green Energy +

California Proposition 65 DEHP

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



KPT0170-010
PowerTap Receptacle, 7-Pin, C136.41
Compliant, Always-On, 10' cable



KPT1170-010
PowerTap Receptacle, 7-Pin, C136.41
Compliant, Dusk-to-Dawn, 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