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 (NO) Range(s)	2 A, 347 VAC
Tungsten Incandescent (NO) Range(s)	1000 W

Electrical Specifications	
Input Voltage Range(s)	347/480 VAC, 50/60 Hz
Surge Protection Technology	685 J MOV

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 +; LED
California Proposition 65	DEHP
RoHS Certification	N/A

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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