INTERMATIC®

Photocontrol - NightFox™ Select Grade Locking Type Electronic Photocontrol, 120-277 V

Item EK4536

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)
► 510 J MOV surge protection
► High precision, microprocessor-controlled zero-cross switching, individually calibrated to extend the life of relay independent of load being switched

APPLICATIONS

► Outdoor Lighting Control

TECHNICAL DATA

General	
Model Number	EK4536
Description	NightFox™ Select Grade Locking Type Electronic Photocontrol, 120-277 V
UPC Code	078275130173
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	8-Year limited
Usage Environments	Outdoor
Photocontrol Type	Electronic
Expected Lifetime (Years)	15
Expected Lifetime (Operations)	10000
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	Locking type
Photocontrol Sensor Location	Side

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

Dimensions	
Product Height (in)	2 3/4
Product Height (mm)	69.9
Product Diameter (in)	3.375

Product Diameter (mm)	85.8

Material Specifications

Cover Color	White with Blue Band
Housing Material	Polypropylene

Load Ratings

Magnetic Ballast Range(s)	1800 VA
Tungsten Range(s)	1000 W
Electronic Ballast Load Ratings Ranges	6 A, 120-277 VAC, 50/60 Hz

Electrical Specifications

Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection Technology	510 J MOV

Packaging

Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	3.375 x 3.375 x 3.062 in

Environmental Specifications

Temperature (operation)	-40°C..70°C

Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20; Ansi C136.10
California Proposition 65	None
RoHS Certification	Yes

Technical specifications and other information are subject to change without notice. Images can vary from original.

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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

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