

High-precision Mexican photoprotection switch



Overview

mx | LC2100MX Low-Cost Locking Type Thermal The LC2100MX Locking Type Thermal Photocontrol combines a photosensing element with a thermal Industrial Lighti.

Key Takeaways

The EK4536MX NIGHTFOX and Lead-Top LT310F series are high-precision electronic photocontrol switches designed for Mexican industrial and outdoor lighting, offering LED compatibility, wide voltage adaptation, and precise lux activation.EK4536MX NIGHTFOX Photocontrol

The EK4536MX NIGHTFOX is a locking-type electronic photocontrol specifically for the Mexican market, designed for a 15-year service life and backed by an 8-year warranty. It features a non-drift silicon light sensor with IR filter, microprocessor-controlled zero-cross switching, and 510 J MOV surge protection, ensuring durability under fluctuating grid conditions and outdoor environments . Key Specifications:

- Voltage Range: 120-277 VAC, 50/60 Hz
- Load Capacity: Up to 1,650 W for HID and LED fixtures
- Activation Sensitivity: On at 1.5 fc, Off at 2.25 fc
- Operating Temperature: -40°C to 70°C

- Switching Cycles: Exceeds 10,000 ON/OFF operations
 - Certifications: UL, cULus, NOM, ANSI C136.10, RoHS compliant
 - Applications: Outdoor lighting, single or multi-fixture installations, LED and incandescent compatibility The device is individually calibrated to extend relay life and maintain high precision, making it suitable for environments with dust, humidity, and power fluctuations common in Mexico .
- Lead-Top LT310F Photocontrol

The LT310F series by Lead-Top is another high-precision option for Mexican industrial lighting. It is ANSI-compliant and UL-certified, designed to handle voltage fluctuations and electrical surges while providing customizable lux activation sensitivity. This series is particularly suitable for industrial settings with extreme temperature ranges, humidity, and dust, ensuring reliable operation and long-term performance .

Features:

- Dual Certification: ANSI C136.24, UL773A
- Voltage Adaptation: 120–277 V, tested for 300 V transient surges
- Precision Control: Customizable lux activation for specific ground conditions
- Environmental Durability: Designed for Mexico's industrial lighting challenges

Summary

Both the EK4536MX NIGHTFOX and Lead-Top LT310F series provide high-precision photoprotection, robust surge protection, and long-term reliability for Mexican lighting infrastructure. They are ideal for LED and HID installations, capable of handling grid fluctuations, and certified to meet international and Mexican standards, ensuring safety, interoperability, and durability in challenging environments .

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These findings indicate that LHCX2 and LHCX3 play a critical function in photoprotection. We then sought for P.

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ST15 Precision Multiple Controls 1800W 120V Photo Cell

Overview Quick Specs Catalog Number ST15 Vendor Code PRC Manufacturer Precision Multiple Controls Manufacturer's Part

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