KAKATIYA

NS SMART SENSOR

Ideal Lighting Automation»»



Nature Switch - Mini is an **energy efficient** solution for **automatic switching of outdoor lighting** using **patented** infrared sensing technology. It is the ideal automatic solution for all outdoor applications that need to be for **the night**. With **attention -free operation** and NO time dependence, Nature switch automatically adapts to seasons **saving energy and reducing maintenance costs significantly**.

Salient Features

- NO Manual Settings
- NO Maintenance
- Sunrise-Sunset Operatoin
- NO effect of artificial lights
- IP 65 Enclosure



From

KAKATIYA ENERGY SYSTEMS PVT. LTD.

- **An ESCO Grade-2 Company**
- **Innovative Patented Technologies**
- **Recipient of Innovation Awards from SIEMENS, CII, FAPCCI**

MAKE IN INDIA

INTELLECTUAL PROPERTY PATENTED INTELLECTUAL PROPERTY

ISO

TESTED & CERTIFIED CPRI, ETDC, ERDA

KAKATIYA

APPLICATIONS



BENIFITS

- ✓ **Automatic switch ON/OFF**
- ✓ **Automatically adapts to seasonal changes**
- ✓ **Patented sensing technology**
- ✓ **No attendance**
- ✓ **Can withstand 440V input**
- ✓ **Designed for outdoor pole mounting**
- ✓ **IP 54 enclosure**

TECHNICAL SPECIFICATIONS

Electrical

Operational Voltage Range	120 - 440 VAC
Frequency	50 - 60 Hz
Output load rating	5 Amps
Switching endurance	> 5,000 cycles
Device power consumption	< 1 watt

Operational

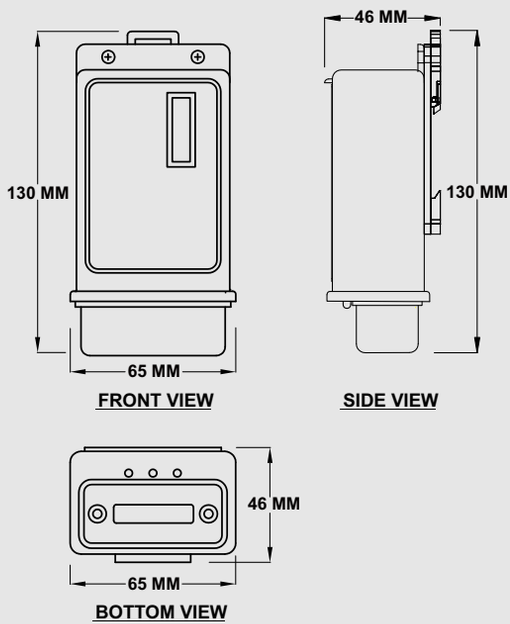
Illuminance levels:	
i. for switching ON	<60 lux for >30 sec.**
ii. for switching OFF	>10 lux for >30 sec.*
Ambient Temperature Range	-10^{0}C to +60^{0}C

** customizable,
* in field conditions.

Mechanical

Device IP rating	IP 65

MECHANICAL DIMENSIONS



"Specifications are subject to change with out advance notice"

ENERGY SAVED IS ENERGY GENERATED

Mfd. in India by

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