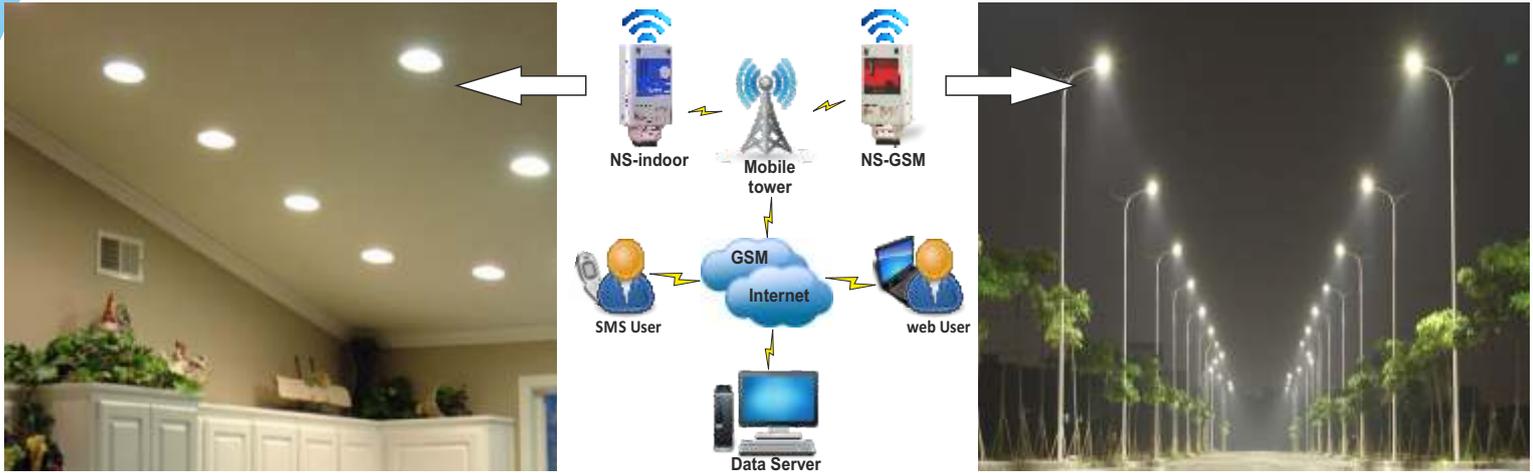


Nature Switch-GSM



- ⇒ Looking for Automation and saving energy? - Here is the smart solution
- ⇒ Now, a simple SMS does it all-Switch ON/OFF, set timings, automatic options
- ⇒ Nature Switch-GSM brings the latest technology at your finger tips
- ⇒ The Robust yet flexible solution for Lighting control.
- ⇒ Control and monitor your lighting system from anywhere in the world

Kakatiya Energy Systems brings Nature Switch-GSM for simplifying switching of indoor and outdoor lighting systems remotely. An SMS from your mobile handset can turn ON/OFF, set timings or else the device can operate independently. The product Nature Switch-GSM offers you a variety of options which include sun based, time based, and combination of sun and time settings. The ease of use and accuracy in working makes it a unique product.

You can also control your lighting system through internet. Log on to our Nature Switch-GSM web interface and click to control. The web interface offers you a very interactive control and monitoring system. You can also download the statistical data for your record. The integration of Nature Switch-GSM is very easy. You just need to connect the device in the lighting circuit instead of or besides the normal switch. Once installed, you can send commands to the switch, know the status and receive alerts. You can also add another two users (your colleagues, service personnel) to operate the lighting system through SMS. You get alerts for all trip events, power on/off.

UNIQUE FEATURES



Waterproof



Automatic



Message to manage



Click to control



High/Low voltage protection



Energy Saving



Advanced Microcontroller Logic



Infrared Sensing



User-friendly

❖ GENERAL SPECIFICATIONS:

❖ NATURE SWITCH- GSM is a light sensor based device for automatic control of outdoor lighting along with a GSM module for communication and remote settings. It facilitates remote selection of options for Automatic switching based on light and/or real time. It is an electronic device which can be mounted directly outdoors. Its enclosure conforms to IP65 and is made of special engineering plastics providing protection from rust, electric shock, termites, dust, rain, temperature and solar radiation. Remote selection for Continuous output ON and Continuous output OFF are also provided to facilitate verification and maintenance. The device can also be accessed through web from any internet enabled device.

ELECTRICAL & OPERATIONAL SPECIFICATIONS:

1. Operating Voltage Range : 120 to 440 VAC, for a nominal 230 Vac 50 or 60 Hz
2. Operating Illuminance Levels (If enabled)
 - I. For Switching ON : < 60 lux for >30 sec
 - II. For Switching OFF : >10 lux for >30 sec
3. Number of selectable switching cycles : Upto 3, based on real time with resolution of 1 minute.
4. Combinational switching options
 - I. On at Sunset-Off at Time
 - II. On at Time-Off at Sunrise
 - III. On at Sunset-Off at Time-On at Time-Off at Sunrise
4. Max. Lighting Load : Upto 3kW
5. Switching Endurance : Minimum 5,000 cycles
6. Automatic Voltage trip/reset levels
 - I. High Voltage Trip/reset : > 280 VAC / < 270 VAC \pm 1%
 - II. Low voltage Trip/reset : < 150 VAC / > 160 VAC \pm 1%
7. Override options : Cont. ON and cont. OFF

**ENERGY SAVED
IS
ENERGY GENERATED**

The product is designed to withstand real time electrical and environmental conditions. The product can protect your valuable appliances from voltage surges, short circuits. It automatically trips the load at high/low voltage and resets when the voltage reaches normal level. The product is dustproof, waterproof and shockproof.

Our Satisfied Customers



AND MANY MORE

KAKATIYA ENERGY SYSTEMS PVT LIMITED

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An ISO 9001:2008 & ESCO Company