



## LYNKswitch

designed to be 'standalone' and autonomously execute both pre-set rules or to respond to immediate remote requests

LYNKswitch is a Building Energy Management System (BEMS) that can take control of loads in the most efficient way possible to match the occupiers or business needs within defined constraints.

When tied into energy consumption it provides Energy Managers with the facility to remotely activate switching schedules or control loads without the need for local intervention. Ideal application for multiple sites with common occupancy profiles.

# LYNKswitch

LYNKswitch can be sensor activated, such as temperature and light sensors, time, power frequency, power meters and binary signals such as on/off signals.

Rules are downloaded and stored within memory of the LYNKswitch via the integrated GPRS modem or Ethernet.

The level of control via LYNKswitch is dependent upon the information received from the local sensors and the way in which the rules are applied to the load. This allows a precise degree of control of loads such as lights, heating/cooling that affect the local environment, it can be made to alarm on conditions that are outside expected parameters.

## Features

- **Direct control of Four loads via internal relays, Capable of switching 230VAC loads up to 12A, such as general power, ventilation or lighting circuits. External contactors can be added to switch higher currents;**
- **Remote reconfiguration and control via internal GPRS modem or 10/100 Base-T Ethernet**
- **Centralised Cloud based management system**
- **Quick and easy installation and commissioning**
- **A cost effective alternative to manual time clocks and air conditioning controllers which are often overridden**

- **Autonomous control**
- **Internal real time clock and frequency sensing**
- **Local RS 485 port**
- **Can connect up to 16 local 'wired' RS485 sensors**
- **Sensors respond to temperature, light or pulse input**
- **Can control up to 256 radio sensors**
- **Radio sensors include local relay for load control**
- **Remote sensors to allow interface with standard Elster and EDM I polyphase and single meters**
- **Internal power supply**

**Each load can have rules defined that allow sophisticated scheduling, against time, real time environmental or other events can be applied for automated equipment control.**

**Load switching can be associated with any of or combinations of the following:**

- **Time**
- **Temperature**
- **Light level**
- **Power frequency**
- **Power consumption**
- **External command**



## Make it Count. Take Control...

Ask us about MU&C from Energy Assets – we'd love to tell you all about it.



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