



# Energy Saving Switch

KeyCard switch



In room energy saving switches are the ideal way to save on electricity overhead costs. A relevant/active keycard is required to activate the electricity supply to lights, sockets & air conditioning units. The principle is that the keycard must be taken upon exiting the room in order to be used as a means of gaining access upon return. In doing so, a 10-15 second timer begins before the electricity supply is terminated, thus allowing guests/residents to locate the door prior to exit.

## Applications:

Hotel, Spa resort & Leisure complex  
Student accommodation  
Residential  
Commercial office block

## Features:

Fully compatible with L4, L5 and L6 software platform  
(One key card for access control and energy saving)  
Simple installation  
Standard single gang back box size  
Blue LED arrow when no card inserted for easy locating  
Different colour finishes; Holster - Ivory or Brushed chrome  
Surround - Ivory or Brushed chrome



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## Cost Savings

Acting as the main switch within the room, the indoor energy saving switches are a very effective method of reducing the energy overhead. The guest/resident is forced to remove the key card upon exit, due to the fact that it is required to regain entry upon the return.

Accurate cost saving are dependent upon exact occupancy rates, however on average a hotel would operate at a 65% occupancy - where the guest is in the room on average 40% of the time. If there are currently heating and lighting a room when nobody is in it, then cost savings should be recognized very quickly.

## Specification:

Voltage input: AC 190V - 250V Fre-

quency: 50Hz - 60Hz

Convenient time delay: 10 - 15 seconds

Load Output current: 16Amps

Operating Temp: -10 to 60 degree C

Operating Humidity: 10 - 95% RH



Load Output  
to room supply  
or to AC Contactor

Permanent  
Live IN

Permanent  
Neutral IN

## Installation fixings

Single Gang back box as below illustrations, ensure a minimum of 35mm depth in order to fully house the energy saving unit.

