



Energy Saving Devices— Card Switch FAQ

Energy Saving Devices (ESD) can also be thought of as Room or Apartment Automation and can provide the Interface to either an Automated whole of **Building Management System (BMS)** or a simplified **Energy Saving System (ESS)**.

This FAQ will concentrate on ESS, although many ESS Principles will follow onto BMS.

Factors to consider and questions we may ask:

- Card Type. Is this part of a security system or entry management system? If so then what type of decryption is required. Any Card, MF, MiFare or custom?
- Load requirements,?
- How many circuits are to be controlled ?
- Are Door /Window sensors required?
- Type of wall construction, e.g. Plaster Cavity, Masonary, Concrete?
- Are Wall Boxes required?
- What type of finish is required: Colour, Quality, Design?
- Is a logo on the cover required (TEM only)?
- Lead times? Customisation takes time, please take this into consideration.
- Consider using “Smart” Contactors which add control such as Timers, Schedule, Grouping etc.
- Devices that contain many features may not be the best option and at best be unable to be repaired in the event of a fault, whilst a multi-device system will be easier to fault find, repair and replace components. For example TEM Card Switch sets parts are totally serviceable/replacement parts are readily available, as are contactors while Savekey style are toss and replace.

This covers most of the questions we are asked, if the Question or Answer isn't listed, please don't hesitate to ask and we can add it to this FAQ.