

## BPS3 Energy Saving Unit

- This simple new product from Burland Technology Solutions provides a simple and cost effective way of saving electricity by cutting power to ancillary equipment such as PC monitors, desk lamps and other accessories.

- The BPS3 now incorporates patented electronics to eliminate nuisance circuit breaker tripping when multiple pieces of electronic equipment are energised. Modern computer monitors use switch mode power supplies to derive their power from a mains power supply. When such a monitor is switched on a capacitor on the input of the power supply has to be charged which results in a short high current pulse that lasts for the order of milliseconds. When multiple monitors are switched on simultaneously the magnitude and duration of the current pulse is sufficient to trip circuit breakers or weld the contacts of switching components which is undesirable. Use of the BPS3 will eliminate this issue.

- The simple presence detector, little larger than a 10pence piece, is designed to be mounted under a desk in the knee hole space and sense if a person is present. After a preset time of absence (adjustable from 1-30 minutes), power to all non essential equipment is cut, leaving power to PC's etc remaining constant. Immediately upon return all power is restored.

- The device has been designed to manage various applications including multiple monitor workstations, multi-laptop trolleys, school laboratories and trading floors.

- The BPS3 module is available in many configurations or as "lump in line" to retro-fit to existing installations. The module is simple to install and will be operational within minutes.

- Call us for a quote or to discuss your requirements. This device is a must for all multi screen applications.



### Benefits to the BPS3

- No Software Required
- Quick and easy to install
- Reduces electricity bills
- Lowers carbon footprint
- Compatible with Wieland connection systems
- 1 x switched and 1 x constant output
- Manufactured in the UK

### Technical Information

- Robust steel construction with a white light texture finish
- GST18 connectivity
- Fits to any work surface using end fixing brackets
- Designed and manufactured conforms to UL60950-1, IEC60950-1. CSA C22.2 NO. 60950-1-07 and EN60950-1



Patent Pending