



PowerShield – effective protection against power surges

PowerShield is a cost effective transient voltage surge arrester that will deliver the highest level of protection for whole buildings, including all critical electrical circuits and equipment. It is fully compliant with the latest wiring standards and will play an important role in helping organisations to meet business continuity guidelines for maintaining operations.

Deployed in parallel with the incoming power supply, PowerShield eliminates the damaging effects of transients, surges and spikes. It detects the first impulse of any excess voltage and safely diverts it away in less than one nanosecond (one billionth of a second) preventing the occurrence of expensive damage to electrical equipment including computers, IT networks, production lines, telephones, EPOS, lifts and lighting.

Using the latest solid-state electronics, PowerShield is totally maintenance free and carries a full fifteen-year warranty.

This compact unit can be easily installed into any main power panel and has been fully tested and approved by Underwriters Laboratories, an internationally approved testing authority.

What our clients are saying...

“ As a surgical hospital we are acutely aware of the need for all our operating processes to be fully functional and available all the time. We recently experienced a number of problems that were identified as unexpected power surges. These caused irreparable damage to vital electrical equipment in our Medical Gases Department, to the value of several thousand pounds.

We were also concerned about potential loss of business, with accompanying cost implications, as well as damage to our reputation with our client hospitals from our Sterile Services Department, an important revenue earning division.

To prevent a recurrence of these problems, and for the peace of mind they bring, we have invested in PowerShield units from PSI and are delighted with the protection they now provide to our operating theatres and other critical departments.

**Paul Addison, Facilities Manager
McIndoe Surgical Hospital**

“ Diageo is the world's leading drinks company and deals electronically with many countries via communications rooms in our London offices.

Given the past unreliability of the London power supply, we were experiencing power surges and subsequent damage to our main servers which was causing significant and costly down-time for repair.

Since installing PowerShield, our servers have not suffered any damage from power surges and their reliability has increased significantly. This has delivered major cost savings by reducing repair costs and down-time.

**Philip Ellis
Technical Services Manager
Diageo**