

Stand 7 - Manufacturing, Technology & Innovation conference and exhibition Thursday 18 October 2012



Based in South Brent, Devon, PD Devices Ltd is a privately owned company, a specialist designer and manufacturer of Surge Protection Products and components and is the only British manufacturer of Metal Oxide Varistors (MOV's).

We supply products and custom solutions to protect against damage from lightning and transient overvoltages, serving a broad range of markets including, Buildings & Construction, Rail Transport, Electrical Power Generation & Networks, Renewable Energy Systems, Telecom & Data Networks, Office & Home Protection, and Defence & Security.

Buildings & Services, Industrial, Commercial, Office, Home, Data / Network & Telecom Systems Protection

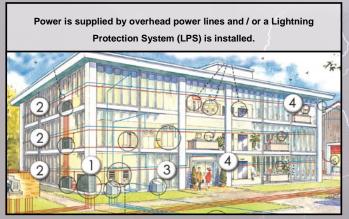
Surges or transients can create huge potential losses from corrupted data and software, equipment failure and structural damage caused by the secondary effects of lightning strikes, or the switching of electrical inductive or capacitive loads, for example transformer switching, and factory equipment such as Arc Welders, Lifts, Air Conditioning, Photocopiers and refrigeration equipment.

Most electronic equipment connected to the AC mains supply, telecom or datalines, is at risk from the damaging effects of surges or transient over voltages. £M's of electronic equipment is destroyed within buildings every year by lightning or other surge phenomena.

Our extensive range provides a co-ordinated system for total site protection, and is designed to provide comprehensive protection at a reasonable cost, beginning where Power, Data, and Telecom lines enter a building, through to special devices for extremely sensitive or critical equipment.

Products are designed and manufactured to meet the requirements of BS EN 62305-4, BS EN 61643-11/12, BS EN 61643-21/22 and BS 7671. BS7671 (the IET Wiring Regulations) is the national standard to which all domestic and industrial wiring must conform and the latest issue affects all new installations as of 1st January 2012.

Examples of co-ordinated surge protection in accordance with BS 7671, where:

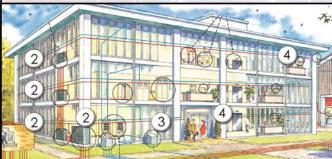


1. Main LV Switchboard System Protection

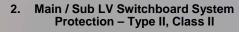
– Type I, Class I



Power is supplied by underground power lines and no Lightning Protection System (LPS) is installed.



3. Main / local Telecom / Data Protection





Local Protection Power - Type III, Class III



















We offer a wide range of Products & Services including AC & DC Power Traction Arresters, Modules for Home, Office and Telecom Industry, AC & DC Power Distribution Networks & Generators, Electro-Magnetic Pulse Protection for Defence & Security applications and Metal Oxide (MOV) Individual Varistors.

Protection products and components are designed and manufactured to meet National & International Standards & recognition's including UL, CEE, BS, & IEC.









All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.

For more information, please visit us at: http://www.pddevices.co.uk

