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# Protect critical electronics against transient overvoltages

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Furse Surge Protective Devices (SPDs) protect sensitive and critical electronic systems against transient overvoltages (surges) in line with BS 7671 IET Wiring Regulations (17<sup>th</sup> Ed.) Amendment 1, and offer ...

- Industry-leading low voltage protection levels
- Full mode protection for continuous operation of critical equipment
- Enhanced Combined Type performance
- Long lasting, repeat protection
- Full SPD coordination throughout installations

## AC & DC Power line protection



Install protection at main distribution board (service entrance), sub-distribution board and local equipment to BS 7671, using:

- Furse lightning current / equipotential bonding SPDs
- Furse AC power SPDs
- Furse plug-in SPDs for local sensitive and critical equipment
- Furse DC power SPDs (including photovoltaic systems)
- Furse SPDs for 690 V wind turbines



## Data, signal and telecoms network protection

Install Furse SPDs to meet protection requirements at service entrance and local to equipment (to BS EN 62305) on all incoming / outgoing data & telecoms lines, including:

- Twisted pair networks and 4-20 mA loops
- 3-wire and RTD systems
- Telephone, ISDN and Ethernet lines
- LSA-PLUS disconnection modules on PBX exchanges
- CCTV systems, Satellite and TV cables
- RF antennas
- Network Rail SSI datalinks

## Need help with transient overvoltages?

Transient overvoltages (surges) are short, high magnitude voltages peaks caused by lightning and electrical switching, which degrade and damage electronic systems.

SPDs should be installed to BS 7671 to protect against overvoltages wherever there is unacceptable risk to life, essential services or commercial / industrial processes.

Selecting and installing the correct SPDs can be complex. We're here to help you find the best solution, and can provide:

- Clear advice on product selection for particular installations
- Seminars and training on transient overvoltage protection to both BS 7671 & BS EN 62305
- System design for lightning and transient overvoltage protection

**furse**

For further advice on protecting sensitive and critical electronic systems against transient overvoltages, contact us today:

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**IMPORTANT:** Equipment is **ONLY** protected against transient overvoltages if all incoming / outgoing mains and data lines have protection fitted.