

Over-Voltage Equipment

Over-voltage or Surge devices are designed to protect electrical equipment against damage from Over-voltage or power surges that are caused from direct or indirect lightning strikes or when Supply Authorities perform defective electrical switching operations.

Over-voltage or Surge protection shall:

- Divert extra voltage and energy surges to the ground instead of letting them enter the home and into expensive equipment. This can be carried out by utilising Clipsal Switchboard (Din Rail) mounted 970 Series Over-voltage arrestors
- In addition, 970 Series provide smaller protection within the home/office at the socket outlet by utilising Clipsal 25SF, 2025SF, and C2025SF surge protected socket outlets. Plug-in Clipsal 463SF surge protected socket adaptors may also be utilised
- Have a small indicator to tell you when protection is available or unavailable
- Have metal-oxide varistors
- Have a response time of < 25nS
- Have 710V clamping voltage for socket-outlets and plug-in socket outlets similar to Clipsal 2025SF, C2025SF or 463SF.

Note: Additional Over-Voltage Protection Equipment can be found within the Industrial section under 'Switchboards and Circuit Protection Equipment'. (page 79).