



Installation Instructions

Surge Filter Mechanism

30SFM

Product Description

The surge filter has voltage dependant resistors connected between Active and Neutral; Active and Earth; and Neutral and Earth. It protects against all permutations of over voltage.

Clipsal 30SFM protects equipment from damage due to transient spikes or surges.

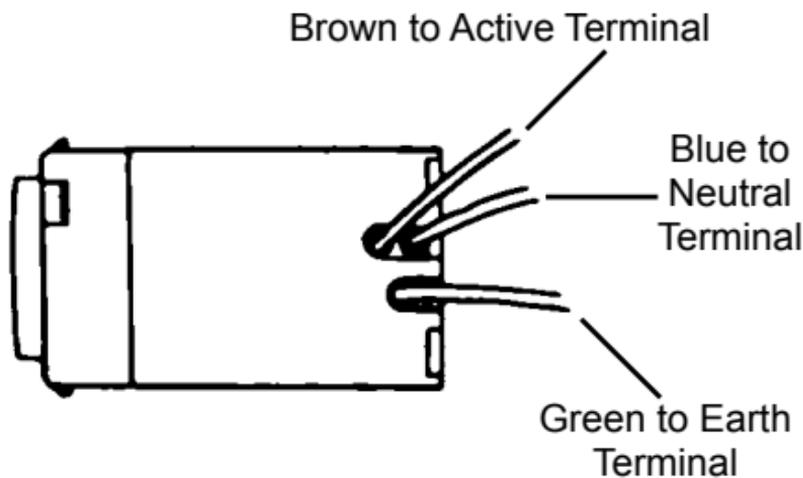
The unit is not intended to absorb over voltages caused by lightning strikes.

The unit is provided with a neon light to indicate operation. If the neon is not glowing, the surge filter is no longer operational and must be replaced to maintain over voltage protection.

The surge filter fits Clipsal 30 Series apertures.

| | |
|---|----------------------|
| Normal Operating Voltage | 250V 10A a.c. |
| Maximum Operating Voltage | 275V a.c., 369V d.c. |
| Typical Capacitance | 900pF |
| Peak Current (8/20 μ s) | 6.5kA |
| Maximum Clamping Voltage (8/20 μ s, 100A) | 710V |
| Energy absorption (10/1000 μ S) | 3 x 140J |
| Impulse Response Time | <50ns |
| Complies with | AS/NZS 3100 |

Wiring Details



Clipsal Australia Pty Ltd

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National Customer Care Enquiries:

Tel 1300 2025 25 Fax 1300 2025 56

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