

## DATASHEET

### Surge Suppression Unit Varmatic Viking ( V V - TP 415 )

Wall Mountable Enclosure of dimensions 400mm (H) x 300mm (W) x 200mm (D)  
c/w :

- Integral Voltmeter
- Protection Fuse(s)
- Phase, Neutral and Earth terminals
- Surge Diverters
- Smoothing Capacitors
- Line Indication Lamps
- Control Protection.

The Viking has the following benefits:

- Comprehensive Power Conditioning and Enhancement
- Surge and Spike Protection
- Reduction in Voltage Fluctuations
- Reduction of High Frequency Interference
- Improvement in the effectiveness and efficiency of electrical power usage
- Extends equipment life
- Improves functioning of equipment
- Protects complete electrical supplies from spikes entering into premises.

It is recommended the maximum length of cable between the input to the Viking and the point of common connection on the switchboard/distribution board/main isolating switch should be **one metre per phase**.

For best performance, we need to use a minimum of 6mm<sup>2</sup> on circuits of up to 100A and minimum of 10mm<sup>2</sup> on circuits 200A and above (consider using cables in parallel to further reduce inductance). If at all possible, keep the cable within ducting, either tightly bundled or with a slight twist to keep them in close proximity.