



Single Phase Trap Reactor

Power Magnetcs designs and builds the “industry standard” Single Phase Trap Reactor with an unmatched record of reliable service in the field. Single Phase Trap Reactors are used in systems when a drop in full line voltage with complete linearity, a need to limit voltage spikes, sags and harmonics is required. Power Magnetcs manufactures high and low volume specialty Single Phase Trap Reactors in a wide range of voltages and power. Single Phase Trap Reactors are used in energy, oil and gas, transportation, automotive, communications and commercial markets.

Capabilities

- Up to 1000A
- 35 kV Class; 150 kV BIL
- Dry Construction using copper or aluminum windings
- Manufactured to meet US and International UL, CE, IEC, CSA and ANSI standards
- Varnished using atmospheric tank with gas-fired oven curing
- Insulation Class 150, 180 and 220 available

Optional

- NEMA 1 or NEMA 3R enclosure
- Thermal Switches
- Custom Terminations
- VPI (Vacuum – Pressure Impregnation varnish with gas-fired oven curing)
- Issue of Certificate of Compliance and Test Reports