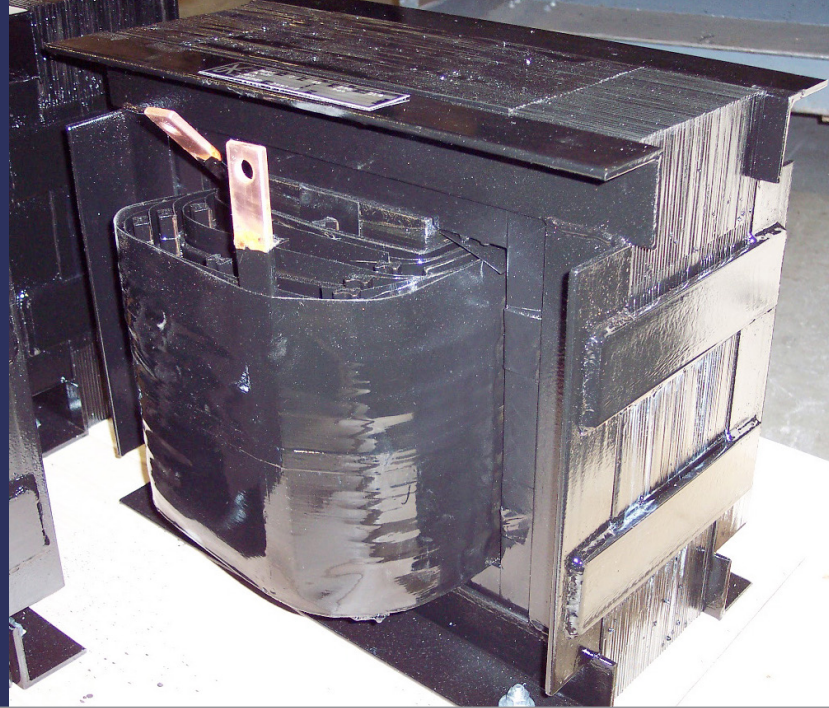




**MAGNETIC  
SPECIALTIES**



## CURRENT LIMITING REACTOR

A Current Limiting Reactor (CLR) is commonly used in the primary circuit of an electrostatic precipitator's TR set. Electrostatic precipitators are used for pollution control in paper mills, power plants, and even restaurants. Magnetic Specialties can design and manufacture single and multi-tap CLR's for a variety of line frequencies including 400 Hz operation.

### FEATURES

- Power rating up to continuous 500 A
- Designed not to saturate when subjected to the full system voltage
- Quiet operation under full load conditions means a long and reliable lifespan
- Single phase standard
- Aluminum or copper windings

### OPTIONAL

- Can be installed under oil
- Three phase construction
- UL Recognized insulation system (Primary must be 600V or less). MSI UL Insulation systems are available in 130°, 180° and 220°C ratings
- CE marking with declaration of conformity ROHS and Low Voltage Directive where applicable
- Private labeling with customer supplied nameplate artwork. Units that are private labeled cannot carry our UL label
- Mechanical design can be tailored to fit an existing enclosure, NEMA 1 (indoor) or NEMA 3R (outdoor) enclosure with ANSI 61 gray powder coat finish
- Final Test Reports with optional Certificate of Compliance

Contact us and we will partner with you to design a solution that works seamlessly in your application.

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