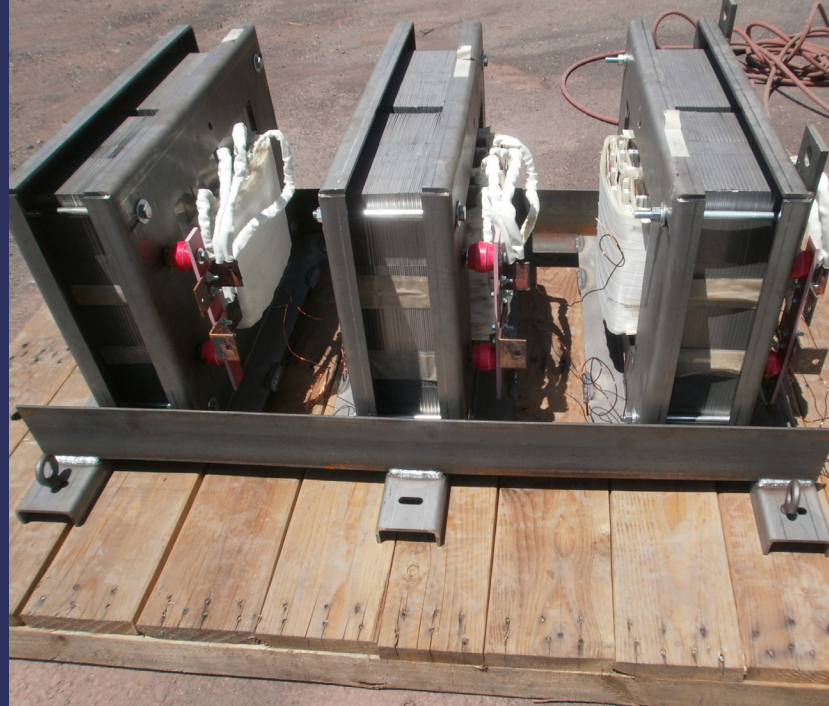




**MAGNETIC
SPECIALTIES**



SATURABLE REACTOR

Saturable reactors, also known as magnetic amplifiers, use a DC control winding to control the flow of AC power in a circuit. By using a saturable reactor in the primary circuit of a power transformer, the output power to the load can be controlled. This is helpful for driving a variety of loads including motors, furnaces, and even lighting equipment. Because there are no fans or solid-state devices, saturable reactors can operate in environments that would be harmful to silicon-controlled rectifier power supplies due to high temperatures or unclean conditions. Magnetic Specialties can design saturable reactors to fit existing control schemes.

FEATURES

- Up to 1000 KVAR
- Up to 25 kV class, 125 kV BIL
- Linear input/output characteristics
- High resolution output control
- Self-cooled, forced-air cooled, or water cooled
- Aluminum or copper windings

OPTIONAL

- 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
- 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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 Made in the USA