

The Signature Series™ Ferroresonant and Thyristor Constant Current Regulators

New advanced ferroresonant technology

ADVANTAGES

- Produces minimal EMI, high efficiency, and near unity power factor, exceeding FAA and military requirements for power factor and efficiency

BENEFITS

- Reduces energy costs

Hinged front-access door with quick-opening captive screws and no high voltage

ADVANTAGES

- Provides easy, tool-free access to low-voltage compartment

BENEFITS

- Labor cost savings
- Improves safety

Single control board is used for all sizes, classes, and styles per regulator architecture

ADVANTAGES

- Takes less time to troubleshoot
- Minimizes spare parts

BENEFITS

- Labor and material cost savings

Air-cooled design

ADVANTAGES

- Eliminates the need for oil containment reservoirs in airfield vaults
- Air cooling allows more efficient transfer of heat from the power core

BENEFITS

- Saves space
- Reduces maintenance costs because oil dielectric strength does not have to be checked

Optional integrated series plug cutout

ADVANTAGES

- Speeds up routine maintenance

BENEFITS

- Reduces maintenance costs



Circuit protection

ADVANTAGES

- Overcurrent and open-circuit protection
- Output lightning protection
- Optional input lightning protection

BENEFITS

- Increases lamp life
- Reduces maintenance costs

Output current surge limitation and soft-start provide protection to series lamps

ADVANTAGES

- Output current levels maintained within $\pm 3\%$ at any intensity step
- Nominal output current levels are maintained even when 30% of the isolation transformers have open secondaries

BENEFITS

- Increases lamp life
- Reduces maintenance costs

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