



VOLTAGE STABILIZERS

Application

Phenix Technologies offers a wide variety of voltage stabilizers. Voltage stabilizers are used to provide a regulated AC voltage to equipment which is not tolerant of variations in line voltage or in installations where any unacceptable variations in line voltage exist. The units can be used to protect expensive equipment in an industrial

environment and /or protect office and household appliances and machines. The Phenix stabilizers are designed to operate reliably in the most adverse conditions. All of the Phenix stabilizers are designed for full power throughput and 24 hour continuous operation.

Construction

The stabilizers are completely enclosed, self-contained units. The enclosures, manufactured to international standards, are designed for indoor use but can be modified for outside use in most climates. Indoor units are designed to fit through standard doors and can be equipped with casters for further mobility.

The stabilizers are equipped with the most advanced design of buck/boost transformers and regulators. All of

these critical items are carefully designed, manufactured and tested to meet the highest standards. Depending on power requirements, Phenix uses one of its three types of electro-mechanical regulators. Each one of these regulators are proven, time tested designs and are built with the highest quality material and attention to detail.

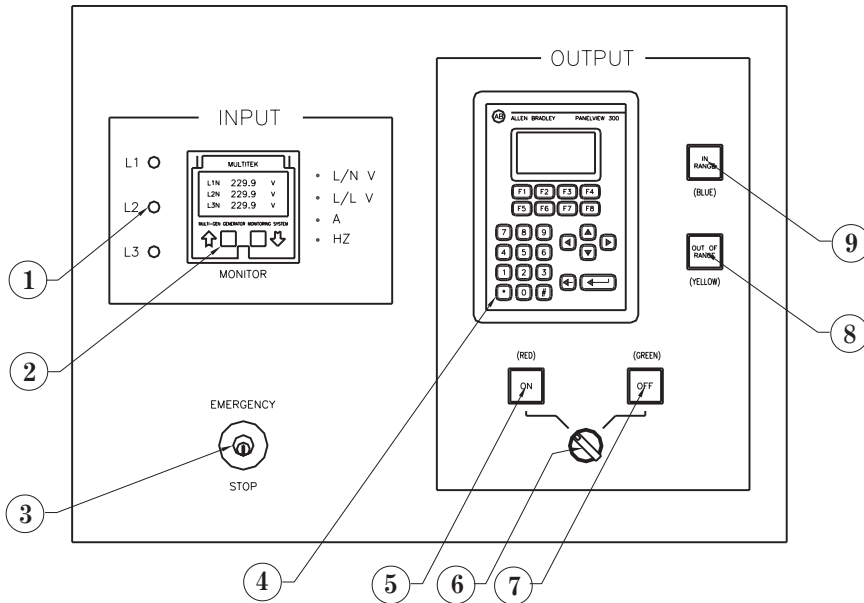
Specifications

- ▼ Single Phase—from 50 to 1000kVA
 - ▼ Three Phase—from 150 to 3000kVA
- Other power ratings are available upon request*
- ▼ Percentage of outgoing stabilization— 1%
- Lower percentages of stabilization available upon request*
- ▼ Range of load variation—0-100%



*Specifications subject to change without notice.

Control Panel Layout



1. Input Power Indicators
2. Input Monitor-displays input voltage, input line current or frequency depending on display selected
3. Emergency OFF switch
4. Operator Interface Display
5. ON indicator
6. Output ON/OFF switch
7. OFF indicator
8. Out of range indicator
9. In range indicator

Basic Electrical Configuration



The PHENIX Technologies Product Line

- ▼ AC Dielectric Test Sets
- ▼ Resonant Test Sets
- ▼ DC Hipots and Insulation Test Sets
- ▼ Automatic Insulating Material Testers (DI49)
- ▼ Liquid Dielectric Test Sets
- ▼ Megohmmeters
- ▼ Vacuum/Oil Interrupter Testers
- ▼ Bucket Truck Testers
- ▼ High-Frequency Cable Aging Test Sets
- ▼ Heat Cycling Test Sets
- ▼ Rubber Goods—Protective Equipment Testers
- ▼ Core Loss Testers
- ▼ AC, DC and AC/DC Motor Test Sets
- ▼ Transformer Test Systems
- ▼ Computerized Circuit Breaker Test Sets
- ▼ Computerized Recloser Test Sets
- ▼ DC Power Supplies
- ▼ High Voltage DC Cable Thumpers
- ▼ High Voltage Terminations
- ▼ High Power Column-Type Variable Transformers
- ▼ High Power Thoma-Type Variable Transformers
- ▼ Voltage and Current Stabilizers

Your local representative is



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