Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MT-LAVR-1P-208.250V-5KVA-208V-N3R

5 KVA Automatic Voltage Stabilizer - 208-250 V 1PH Input to 208 V 1PH Output - 50/60Hz - NEMA 3R

Product ID: 334845

Image: MT-LAVR-1P-208.250V-5KVA-208V-N3R

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-LAVR-1P-208.250V-5KVA-208V-N3R Industrial Single-phase Automatic Voltage Stabilizer

Unit Type: Automatic Voltage Stabilizer
Dimensions: 19.49"-W x 23.23"-D- x 50.39"-H
Product Weight: 304.24 lbs

Gross Weight: 326.28 lbs

Structural Design: Single-phase disc type with three sets of internal discs

Phase: Single Phase

Input Voltage: 208-250V AC

Input Voltage Variation: ±15%

Input Frequency: 50/60 Hz ±5%

Capacity: 5 KVA

Output Voltage: 208V AC (Stable)

Output Voltage Variation: ±1%

Output Frequency: 50/60 Hz

Voltage Regulation: ±3% (generally lower)

Rated Current: 21.7 A

Features/Ratings

NEMA 3R

Operating Conditions:

1. The installation site should be free of gases, vapors, chemical dust and dirt that seriously affect the insulation of the voltage stabilizer. And its explosive and corrosive gases
2. The installation site should be free of severe vibration and jolt
3. If the conditions do not comply with the above regulations, they should be determined through negotiation with our company

Maximum in Current @ Minimum Voltage: 200 A

Overload Capacity: 10 times the rated current for 10 ms, 5 times for 6 s, 2 times for 1min, 1,1 times for 1 hour

Adjustment Time: < 1S (When the input voltage changes by 10%)

Response Time: ≤ 1S (Within 10% voltage variation) [Slightly Fast]

Efficiency: ≥ 98%

Correction Speed: 15 ms/V

Admitted Load Variation: 0-100%

Admitted Load Unbalance: Up to 100%

Insulation Resistance: ≥ 5MΩ

Waveform Distortion: < 0,1%

Working Mode: Work continuously for a long time without being attended

Electrical Strength: Withstand voltage 2000VAC for 1 minute continuously without flashing and breakdown

Load Adaptability: Applicable for smaller loads, lower voltage stability requirements; small factories, commercial stores, households

Display: N/A

Voltmeter: Included

Pilot Lamp: Included

Overtemperature Alarm Signal: Included

Cooling Method: Fan Cooled

Ambient Temperature: -10°C ~ +40°C

Storage Ambient Temperature: -20°C ~ +60°C

Altitude: 1000 ASL

Temperature Rise: < 60°C

Protection Degree: NEMA 3R

Relative Humidity: 95% (non-condensing)

Fittings: Multimeter with output voltage reading; Input and output connecting bars; Input pilot lamps; Control board tropicalization

Mounting: Floor

Color: Grey

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The Larson Electronics MT-LAVR-1P-208.250V-5KVA-208V-N3R Industrial Automatic Voltage Stabilizer is designed for industrial and commercial locations. This 5 KVA single phase power device comes with an input voltage range of 208-250V AC and provides a stable output of 208V AC. It operates at 50/60 Hz frequency.

This stabilizer corrects voltage fluctuations in single-phase power systems with an adjustment time of <1 second. It includes built-in overload, short circuit, and over-temperature protection for safe operation. An LCD display at the front of the unit provides real-time status updates, including input/output voltage, fault indications, and delay time. The vented enclosure allows for active cooling during extended use.

Mounting: The MT-LAVR-1P-208.250V-5KVA-208V-N3R is secured inside a NEMA 3R enclosure case for protection against dust and moisture.

Applications: Industrial facilities, laboratories, air compressor testing, power supply testing, motor equipment testing, quality assurance, lighting systems and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom

build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs