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MT-LAVR-3P-13800D-5MVA-13800D-N1

5 MVA Voltage Stabilizer - 13800V 3PH Input to 13800V 3PH Output - 50/60Hz - Mobile w/ Wheels

Product ID: 316267

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-3P-13800D-5MVA-13800D-N1 Industrial Three-phase Automatic Voltage Stabilizer

Unit Type: Automatic Voltage Stabilizer, Dry Type
Dimensions: -
Weight: -
Input Voltage: 13800V Delta 3PH
Input Frequency: 50/60 Hz
Capacity: 5 MVA
Output Voltage: 13800V 3PH
Current Rating: 210 A
Output Frequency: 50/60 Hz
Tap Changer: Included, On-load Tap Changer, 9-Position, Reinhausen, Vacu-Tap Type, w/ Motor Drive and Tapcon Controller
Adjust Time: < 1 Second (Against 10% Input Voltage Deviation)
Protection: 15 kV, 600A Loadbreak Switch, Mounted on the secondary side
Surge Arrestor: Station Class, 18 kV , 15.3 kV MCOV, on the secondary side
Delay: 5 Seconds
Load Factor: 0.8
Efficiency: 95%
Dielectric Strength: 1500V/min
Display: LCD
Cooling method: Naturally air cooled
Ambient Temperature: -10°C ~ +40°C
Temperature Rise: < 60°C

Features/Ratings

LCD Display
NEMA 1 Protection Class, Indoor

Special Orders - Special Requirements

Temperature Protection: 110 ± 10

Insulation Resistance: 5M

Relative Humidity: < 95%

Mounting: Mobile Cart w/ Wheels

Color: Tan

Contact us for special requirements

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The Larson Electronics MT-LAVR-3P-13800D-5MVA-13800D-N1 Industrial Automatic Voltage Stabilizer is designed for industrial and commercial locations. The 5 MVA power device comes with an input voltage/frequency of three-phase 13800V, 50/60 Hz and an output voltage/frequency of three-phase 13800V, 50/60 Hz. This unit is mobile via four wheels at the bottom of the enclosure.

This 5 MVA unit accepts three-phase 13800V Delta AC 50/60Hz on the input side and provides three-phase 13800V AC 50/60Hz on the output side. There is a delay of 5 seconds when starting the device and an adjust time of 1 second. This power unit is equipped with several protective features, including overload, short circuit and over temperature. An LCD display located at the front of the voltage stabilizer provides the status of protective features and various real-time indicators, such as input/output voltage, fault indication, delay time and more. The enclosure that houses the voltage stabilizer features vents to promote active cooling during use.

Mounting: The MT-LAVR-3P-13800D-5MVA-13800D-N1 is secured inside a mobile enclosure with wheels for seamless mobility around the work site.

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.

Frequently Asked Questions (FAQ)