

MT-LCVR-75KVA-480D-480D-3P-N12-50.60HZ

75 KVA Power Conditioner/Electronic Voltage Regulator - 480V 3PH Input - 480V 3PH Output, 50/60 Hz - NEMA 12

Product ID: 339287



Image: MT-LCVR-75KVA-480D-480D-3P-N12-50.60HZ

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-LCVR-75KVA-480D-480D-3P-N12-50.60HZ Power Conditioner

Unit Type: Power Conditioner/Voltage Regulator

Dimensions: 20.47"-W x 34.25"-L x 48.43"-H

Weight: 661.39 lbs

Size: 75 KVA

Input Voltage: 480V AC

Input Voltage Range: 320-600V AC

Input Voltage Variation Range: $\pm 20\%$

Max. Input Current: 90.21 A

Output Voltage: 480V AC

Output Voltage Accuracy: $\pm 0.5\%$

Output Current Rating: 90.21 A

Frequency: 50/60 Hz $\pm 5\%$

Power-on Time: 100%

Short-circuit Voltage: $\leq 2.4\%$

Vector: DD0

Start to Correct: < 5 Cycles

Speed Regulation: 22 ms/V

Admitted Load Variation: Up to 100%

Admitted load imbalance : 100%

Cooling: Fan Cooling

Ratings/Approvals

Indoor/Outdoor Use (NEMA 12)

Solid-state Performance

No-fan Design

Microprocessor-based Controls

98.5% Efficiency

Backlit LCD Display

Remote Alarm Dry Contacts

Efficiency: 98.5%

Max. Relative Humidity: < 95 (non-condensing)

Admitted Overload : 100% 1min

Harmonic Distortion: N/A

Instrumentation - HMI: Display LCD 7" Touch - Input & output measurement-INSIDE

Multifunctional Power Quality Analyzer: Input / Output JANITZA type UMG509-Pro

Communication : RS485 port / Ethernet RJ45 – MODBUS® TCP/IP communication protocol

Installation: Indoor/Outdoor

Protection Degree : NEMA 12

Operating Temperature Range: -25°C to +45°C

Storage Temperature Range: -25°C to +60°C

Materials: Carbon Steel

Form Factor: Cube Enclosure w/ I-beam Legs

Color: RAL 7035

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics MT-LCVR-75KVA-480D-480D-3P-N12-50.60HZ Power Conditioner/Electronic Voltage Regulator is ideal for protecting machines from sudden voltage fluctuations and low quality electrical currents. This 75 KVA unit supports three-phase 480V AC input voltage and 480V AC output voltage, with a $\pm 20\%$ input voltage range and $\pm 0.5\%$ output range. The NEMA-12 rated voltage regulator is constructed of carbon steel and features a solid-state.

****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

The MT-LCVR-75KVA-480D-480D-3P-N12-50.60HZ offers robust protection for sensitive machines and electronic devices in industrial buildings. This 75 KVA unit supports an input voltage of three-phase 480V AC, 60Hz and an output voltage of three-phase 480V AC, 50Hz. Input voltage may range between $\pm 20\%$, while output voltage regulation ranges $\pm 0.5\%$. The voltage regulator does not have a minimum load, harmonic distortion, load current interruption and power factor limitations. Surge suppression and input circuit breaker are included with the unit. This electronic voltage regulator is 98.5% efficient.

The MT-LCVR-75KVA-480D-480D-3P-N12-50.60HZ features a solid-state and no-fan design for quiet and efficient operation. All controls are microprocessor based for consistent performance. This unit comes with a backlit LCD display for seamless monitoring. Constructed of carbon steel, the voltage regulator is housed in a NEMA 12 enclosure, making it suitable for indoor environments. This level of protection allows the unit to withstand the ingress of solid objects, such as falling dirt.

Applications: Industrial facilities, indoor operations, large machines, processing plants, labs, commercial equipment, military, warehouses, digital processing systems, electrical current protection, EMI reduction and more.

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

There are no Faqs