

MT-LCVR-10KVA-480D-3P-N1

10 KVA Power Conditioner/Electronic Voltage Regulator - 480V 3PH Input/Output Voltage - NEMA 1

Product ID: 322028

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MT-LCVR-10KVA-480D-3P-N1

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-10KVA-480D-3P-N1 10 KVA Power Conditioner

Unit Type: Power Conditioner/Voltage Regulator

Dimensions: 43" x 28" x 26"

Weight: 600 lbs

Size: 10 KVA

Input/Output Voltage: 480V AC 3PH 60 Hz

Input Voltage Range: +10% to -25%

Output Voltage Regulation: +/- 3%

Overload/Inrush Capacity: 6000% - 1 Cycle, 1000% - 1s, 500% - 5s, 200% - 1min, 1000%
- Fault Clearing

Noise Attenuation: 150 dB @ 100 kHz (Common Mode), 65 dB @ 100 kHz (Normal Mode)

Efficiency: 97%

Operating Temp: 0°C to 40°C

Materials: Carbon Steel, Copper Wound

Form Factor: Cube Enclosure w/ I-beam Legs

Color: Natural Gray

Ratings/Approvals

Indoor Use (NEMA 1)

Solid-state Performance

No-fan Design

Microprocessor-based Controls

97% Efficiency

Backlit LCD Display

Remote Alarm Contacts

UL Certified

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics MT-LCVR-10KVA-480D-3P-N1 Power Conditioner/Electronic Voltage Regulator is ideal for protecting machines from sudden voltage fluctuations and low quality electrical currents. This 10 KVA unit supports three phase 480V AC input/output voltage with a +10%/-25% input voltage range and +/-3% output range. The NEMA-1 rated voltage regulator is constructed of carbon steel and features a solid-state, no-fan design.

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

The MT-LCVR-10KVA-480D-3P-N1 offers robust protection for sensitive machines and electronic devices in industrial buildings. This 10 KVA unit supports 480V AC input/output voltage three phase (60 Hz). Input voltage may range between +10% and -25%, while output voltage regulation ranges +/- 3%. 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 97% efficient.

The MT-LCVR-10KVA-480D-3P-N1 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 1 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 Fags



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Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/322028.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/322028.JPG>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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