9 kVA Rack Mounted Isolation Transformer

480Y/277V Wye - 208Y/120V Wye, (1) L21-30FO Outlet, (1) L22-30FI Inlet, NEMA 1

Instruction Manual

Thank you for your purchase of the Larson Electronics MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 Rack Mounted Transformer.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE FIXTURE'S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

The MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 from Larson Electronics is a Three Phase Rack Mounted Isolation Transformer that is powerful, reliable,and designed with the environment in mind. Suitable for server rack applications, the MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 provides increased reliability, higher efficiency, protection against critical equipment failures, and an extra level of protection by isolating the power source from the connected device. The lower operating costs, lower heat emissions, and lower cost of ownership make this transformer ideal for a wide range of applications and businesses. The MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 is a 9 rack unit (9U).

Mounting

This rack mounted transformer is designed to be mounted inside server racks. The MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 is a 9U unit which allows it to fit in a server rack mount at least 9U tall. The front located handles assist in inserting and removing the transformer while having a low enough profile to allow server rack doors to close. Secure the unit to your rack mount with compatible mounting screws. Use all available pre-drilled mount holes for maximum safety and stability of the unit.



*Image only representative of form factor. Specs based on model ordered.

Wiring and Operation

Warning: Check product label for proper voltage and current ratings!

The MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 features a 30-amp L22-30FI NEMA male twist lock 250V inlet for making 480Y/277V AC Wye primary connections. The output side is equipped with a 30-amp L21-30FO NEMA female twist lock outlet to allow for 208Y/120V AC Wye output connections. The primary side and secondary side are both protected by a 30 amp 3P miniature circuit breaker. Connect compatible supply cord with correct supply voltage to inlet plug. Connect compatible equipment to be powered into output receptacle. Switch breaker into the ON position.

Use and Care

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

Replacement Parts

The MPD-MT-RMU-9U-NTL.30A-ISX-YE9YT-DD-1.L37-R1 is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.