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NGRX-PM-480Y.277-1.10A-AN-277.27.7OHM-M1

Neutral Grounding Resistor, 480Y/277V System Voltage, 1/10 A Current Rating, AN Class, 277/27.7 Ohms Rated Resistance, NEMA 4X, 316 Stainless Steel

Product ID: 335137

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

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.

NGRX-PM-480Y.277-1.10A-AN-277.27.7OHM-M1 Neutral Grounding Resistor

Type: Neutral Grounding Resistor

System Voltage: 480Y/277 3PH

Voltage Rating: 277V (L-N)

Voltage BIL: 1.2 kV

Current Rating: 1/10 A, Continuous

Frequency: 60 Hz

Rated Resistance: 277/27.7 Ω

Rated Time: Continuous rated

Resistor Material: Stainless steel wire wound

Temperature Rise: 385°C

Temperature Coefficient: -

Installation: Outdoor

Current Transformer: N/A

Sensing Resistor: Included, 600V AC

Terminal: Porcelain bushing, Line-side terminal to receive an insulated cable, and station ground side terminal. Can be on the top or side or bottom of the enclosure

Supports: Highly quality porcelain insulators

Ground Fault Detection Relay: Included, Microprocessor-Based Ground Fault Relay (ANSI 65G/59G), Continuously Monitor the Neutral-Ground Path, Provided w/ a Form C Alarm Contact (Wired to a terminal block) to signal a ground fault

Space Heater: Included, Thermostatically Controlled

Cooling: Natural air cooling

Mounting: Pad/Floor Mounting

Temperature Range: -50□ to +40□

Relative Humidity: 95-100%

Approvals/Ratings

NEMA 3R Indoor/Outdoor Galvanized Steel Enclosure
Meets or Exceeds NEMA 250 Standards
Meets or Exceeds NEMA ICS 6 Standards
Meets or Exceeds ANSI C29.8 Standards
Meets or Exceeds ANSI Z55.1 Standards
Meets or Exceeds ANSI C57.13 Standards
Meets or Exceeds ASTM A123M Standards
Meets or Exceeds NEMA TR1 Standards
UL 508A Listed

Warranty: 12 months in service or 18 months from the date of shipment whichever occurs first

Altitude: 6,600ft (2000m) Above Sea Level
Seismic Bracing: Included
Sound Level: Meets NEMA ST-20 Standards, IEC 60076
Handling: Rigging Provisions, Top Lifting Points, Wire Mess on Two Sides
Cable Entry: Bottom
Enclosure Rating: NEMA 4X, 316 Stainless Steel, Arctic-rated for -50□
Enclosure Finish: Powder Coated
Enclosure Color: ANSI 61 Grey
Enclosure Dimensions: 22"-L × 22"-W × 12.44"-H
Weight: 50 lbs
Shipping Method: TBD
Shipping Weight: TBD
Shipping Dimensions: TBD

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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The main purpose of the NGRX-PM-480Y.277-1.10A-AN-277.27.7OHM-M1 Neutral Grounding Resistor (NGR) is to limit the fault current present in a single line to ground fault. Limiting the possible current that can flow in such an event not only reduces damage to equipment but also helps safeguard personnel in the vicinity

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

Unit Features: The NGRX-PM-480Y.277-1.10A-AN-277.27.7OHM-M1 is a neutral grounding resistor with a 1/10 A

current rating. This resistor is configured with a system voltage of 480Y/277 V AC. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The standard NEMA Type 3R enclosure makes the unit suitable for indoor/outdoor applications and is designed to be floor mounted.

Benefits: The NGRX-PM-480Y.277-1.10A-AN-277.27.7OHM-M1 has a perfect mechanical strength to withstand high short-circuit forces, limited temperature rise enables longer lifetime, special surface protection against UV and pollution Class IV areas, maintenance-free design, low noise levels.

Applications: Reducing single phase to earth fault currents which occur in electrical networks to prevent damages on transformers and generators, reducing temporary over voltages formed by braking instantaneous fault currents, providing long-life for switchgears, and reducing step voltages to a harmless level for personnel.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)