

IND-PCR-3P-480D-350KVA-480Y.277-60HZ-N3R

350 KVA Solid-State Voltage Regulator - 3-Phase, 400A 480V Input/ 400A 480Y/277V Output - Floor Mount, N3R

Product ID: 293484



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.

IND-PCR-3P-480D-350KVA-480Y.277-60HZ-N3R Voltage Regulator and Power Conditioner

Unit Type: Solid-State Voltage Regulator and Power Conditioner
Dimensions: 73.75"-L x 50.78"-W x 70.38"-H
Weight: 3279.38 lb
Input Voltage: 480V +/- 10%
Input Phase: 3-phase
Input Frequency: 60 Hz
Maximum Input Amps (Primary): 400A
Capacity: 350 KVA - 100% Load - 30 Mins
Output Voltage: 480Y/277V
Output Phase: 3-phase
Output Frequency: 60 Hz
Maximum Output Amps (Secondary): 400A
Rectification: IGBT
Efficiency Ratio: Up to 95%
Load Stabilization Rate: < +/- 1%
Frequency Stability: < +/- 0.01%
Harmonic Distortion: Pure Sine Wave < 2%
4-digit Meters: Digital Frequency Meter - Resolution 0.1Hz/Step; Digital Voltage Meter - Resolution 0.1V; Digital Ammeter - Resolution 0.1A; Digital Watt Meter - Resolution 0.1W
Protection: Overload, Short Circuit, Over Temp, Instant Power Failure Protection, Alarm
Operating Temp: 0-40°
Humidity: 0-90% (Non-condensation)
Control Panel Door: Hinged Weatherproof Door
Enclosure Material: Aluminum
Mounting: Floor Mount
Color: ANSI 70 Light Grey

Features/Ratings

NRTL Listed to UL 508A
NEMA 3R Rated Enclosure
Advance Microprocessor Control
True Online Double Conversion
Smart Fan Control
Low Input Tedi < 3%
Isolates EMI

Special Orders - Requirements

Contact us for special requirements
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The IND-PCR-3P-480D-350KVA-480Y.277-60HZ-N3R from Larson Electronics is a Solid-State Voltage Regulator and Power Conditioner that is designed for voltage and frequency regulation in industrial locations. The 350 KVA power conditioner is compatible with three-phase 480V input and three-phase 480Y/277V output. Protected by a NEMA 3R rated aluminum enclosure, the system is suitable for floor mounting installations.

The IND-PCR-3P-480D-350KVA-480Y.277-60HZ-N3R can be used to accurately regulate voltages and frequencies in industrial sites. This 350 KVA unit has a primary voltage of three-phase 480V AC, +/- 10% and a secondary voltage of three-phase 480Y/277V AC, 60 Hz. The primary side handles up to 50 amps (maximum), while the secondary side handles up to 46.9 amps (maximum). During operation, rectification is completed via IGBT. The voltage regulator and power conditioner isolates EMI and provides robust microprocessor control, true online double conversion, and active input power factor correction.

This solid-state voltage regulator and power conditioner is equipped with several protective features, including overload, short circuit, over temp, instant power failure connection, and alarm. For efficient operation, the unit features smart fan control and ultra high efficiency (98% in Smart Eco Mode). Operators are provided access to a panel, which houses various controls for meters. Available meter components include digital frequency meter, digital voltage meter, digital ammeter, and digital watt meter.

The power device is protected by a NEMA 3R rated aluminum enclosure for protection against exposure to water, moisture and debris. The control panel is accessible via a hinged weatherproof door.

Mounting: The IND-PCR-3P-480D-350KVA-480Y.277-60HZ-N3R is designed for floor mounting installations.

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)