Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

IND-SFC-1P-3KVA-200.220.230.240V-45.70HZ-100.110.115.120V-50.60HZ

3 KVA Solid-State Frequency Converter - 200/220/230/240V 45-70Hz Input to 100/110/115/120V 50/60Hz Output - 1PH - Mobile w/ Wheels

Product ID: 336064



Image: IND-SFC-1P-3KVA-200.220.230.240V-45.70HZ-100.110.115.120V-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.

IND-SFC-1P-3KVA-200.220.230.240V-45.70HZ-100.110.115.120V-50.60HZ Frequency Converter

Unit Type: Solid-State Static Frequency Converter
Dimensions: 14" x 21.2" x 27"
Weight: 132.27 lbs
Input Voltage: 200/220/230/240V 1PH ±5%
Input Frequency: 45-70 Hz +/- 5%
Capacity: 3 KVA - 100% Load - 30 Mins
Output Voltage: 100/110/115/120 V 1PH +/- 2% (Selectable)
Output Frequency: 50/60 Hz +/- 5% (Selectable)
Rectification: IGBT
Efficiency Ratio: Up to 95%
Load Stabilization Rate: < +/- 1%
Frequency Stability: < +/- 0.01%
Harmonic Distortion: Pure Sine Wave < 2%
Termination: Included, Plugs type F, G, I, M
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°C - 40°C
Humidity: 0-90% (Non-condensation)
Mounting: Mobile Cart w/ Wheels
Color: Tan

Features/Ratings

NRTL Listed to UL 508A
Advanced Microprocessor Control
True Online Double Conversion
Smart Fan Control
Low Input THDi < 3%
CSA and ULc Rated

Special Orders - Special Requirements

Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The Larson Electronics IND-SFC-1P-3KVA-200.220.230.240V-45.70HZ-100.110.115.120V-50.60HZ Solid-State Frequency Converter is designed for voltage and frequency rectification in industrial locations. The 3 KVA static converter comes with an input voltage/frequency of 200/220/230/240 V single-phase 45-70 Hz and an output voltage/frequency of 100/110/115/120 V single-phase 50/60 Hz. This unit is mobile via four wheels at the bottom of the enclosure.

The IND-SFC-1P-3KVA-200.220.230.240V-45.70HZ-100.110.115.120V-50.60HZ can be used to accurately convert voltages and frequencies in industrial sites. This 3 KVA unit offers 200/220/230/240 V single-phase 45-70 Hz on the input side and 100/110/115/120 V single-phase 50/60 Hz on the output side. During operation, rectification is completed via IGBT. The static frequency converter provides robust microprocessor control, true online double conversion and active input power factor correction.

This solid-state frequency converter is equipped with several protective features, including overload, short circuit, over temp, instant power failure protection and alarm. For efficient operation, the unit features smart fan control and high efficiency (up to 95%). 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.

Mounting: The IND-SFC-1P-3KVA-200.220.230.240V-45.70HZ-100.110.115.120V-50.60HZ is secured inside a mobile enclosure with wheels for seamless mobility around the work site.

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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs