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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Product ID: 276909

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



Image:

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-0.5KVA-220V.EU-50HZ-110V.US-60HZ Frequency Converter

Unit Type: Solid-State Static Frequency Converter
Dimensions: 16.92" x 18.11" x 7.08"
Weight: 88.18 lb
Input Voltage: 220 V 1PH +/- 5%
Input Frequency: 50 Hz +/- 5%
Input Connection: L1 + N (EU Spec)
Capacity: 0.5 kVA (500 VA) - 100% Load - 30 Mins
Output Voltage: 110 V 1PH +/- 2%
Output Frequency: 60 Hz +/- 5%
Output Amps: 2.1 A @ 220 V Setting 0-300 V (High Grade); 4.2 A @ 120 V Setting 0-150 V (Low Grade)
Output Connection: L1 + L2 (USA Spec)
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°C-40C
Humidity: 0-90% (Non-condensation)
Mounting: Standalone w/ Front Handles

Features/Ratings

NRTL Listed to UL 508A
Advance Microprocessor Control
True Online Double Conversion
Smart Fan Control
Low Input THDi < 3%

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax:

1-903-765-7664

Color: Tan

E-mail: sales@larsonelectronics.com

The IND-SFC-1P-0.5KVA-220V.EU-50HZ-110V.US-60HZ from Larson Electronics is a Solid-state Frequency Converter that is designed for voltage and frequency rectification in industrial locations. The 500 VA (0.5 kVA) static converter comes with an input voltage/frequency of single phase 220 V, 50 Hz European and an output voltage/frequency of single-phase 110 V, 60 Hz USA. This unit is equipped with front handles and circular pads at the bottom of the converter.

The IND-SFC-1P-0.5KVA-220V.EU-50HZ-110V.US-60HZ can be used to accurately convert voltages and frequencies in industrial sites. This 0.5 KVA unit offers single-phase 220 V, 50 Hz European on the input side and single-phase 110 V, 60 Hz USA on the output side. Output amps is 2.1 A @ 220 V setting 0-300 V (high grade) and 4.2 A @ 110 V setting 0-150 V (low grade). 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. Input connection contains L1+N (EU spec), while output connection contains L1+L2 (USA spec).

This solid-state frequency converter is equipped with several protective features, including overload, short circuit, over temp, instant power failure connection and alarm. Available meter components include digital frequency meter, digital voltage meter, digital ammeter and digital watt meter.

Mounting: The IND-SFC-1P-0.5KVA-220V.EU-50HZ-110V.US-60HZ is a standalone unit with front handles and bottom-located pads.

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: 903.498.3364

Frequently Asked Questions (FAQ)

There are no Faqs

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Product ID: 276909

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/276909.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/276909.JPG)
- **Video1**(https://www.youtube.com/watch?v=jVnTdFuOqt0)
- **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)