

July 2024

Vol 1 15NLA

PHOENIX

Phase Converters

GP15NLA

**Single Phase 230 Volts to Three
Phase 230 Volts**



800-417-6568

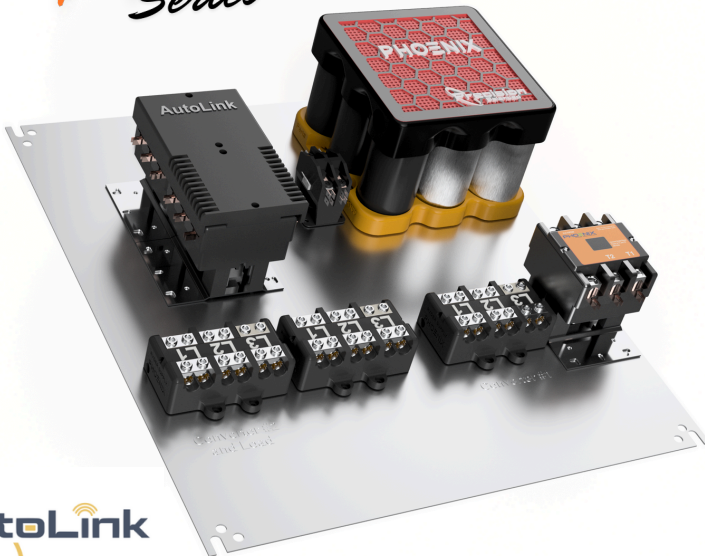
www.phoenixphaseconverters.com

240 Single Phase Input

480 Three Phase Output

GP15NLA

PRO
Series



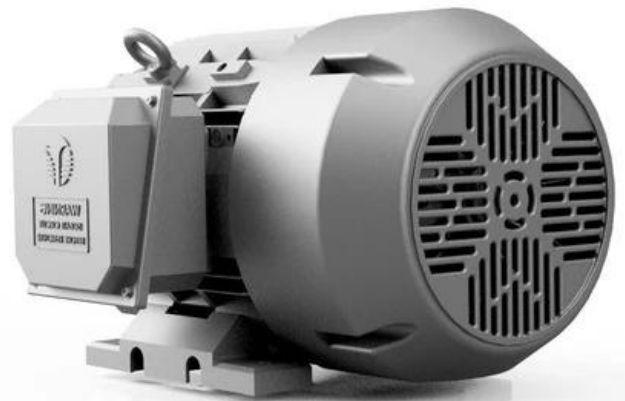
- Power Loss Protection
- Pairing One or More Phase Converters Together
- Self Starting your Equipment or Connecting a Transformer
- Prewired Phase Converter to AutoLink
- Soft Starting for Rural Areas



Cast Iron Frame

Standard Feature TEFC (Totally Enclosed Fan Cooled) Generator and Cast Iron Frame.

Our Highly Reliable Motors: At Phoenix Phase Converters we use the best components that last a lifetime. The 15 HP rotary phase converter - GP15NLA single phase to three phase converter features a totally enclosed fan cooled and cast iron frame motor. It is sealed from any outside environment and is made to be used in a metal shop, woodshop, and outdoors. The phase converter is designed to be utilized in cold or hot weather. Watch the video below to learn more.



Optional

240/480 Volts - 3 PH



15.13 Inch Width X 15.13 Inch Depth X
6.94 Inch Height Size; 60 Hertz Frequency
Rating; 3 Phase(S); UL (Canada and Us), UL
506, CSA C22.2 Approval 138 lbs

- Self-cooled (AA)
- Aluminum windings
- Voltage adjustment taps
- Impedance 5.75 % ($\pm 7.5\%$)
- NEMA 3R indoor/outdoor enclosure
- High-grade silicon-steel core
- 150 degree C rise
- VPI windings
- Stub-up/down bus
- Stainless steel hardware

9 KVA

240 Volts @ 24 AMPS
480 Volts @ 12 AMPS

DATASHEET

GP15

Power Supply		Three Phase Electrical Specs		Loads Examples	
INPUT VOLTAGE	208-250V	VOLTAGE OUTPUT	208-250V	CNC Machine Spindle HP	7.5 HP
UTILITY SERVICE MIN.	25 KVA /100 AMPS	MAX INDUCTIVE AMPS	42	Compressor Motor HP	5 HP
MOTOR LOAD TYPE BREAKER	30 to 80 AMP	MAX RESISTIVE AMPS	22	Total Combined HP of motors	15 HP
SINGLE PHASE WIRE SIZE	4 AWG COPPER to 50 feet	IDLER MOTOR WIRE SIZE	8 AWG COPPER	Manual Lathe	7.5 HP
Dimensions and Weight Electrical Panel		Dimensions and Weight Idler / Generator Motor		IDLER MOTOR	PANEL ENCLOSURE
Weight 32 LBS	Dimensions 16 x 12 x 8	Weight 278.9 LBS	Dimensions 12 x12 x 20	TEFC Cast Iron	Nema 4 Indoor / Outdoor

Standard Features

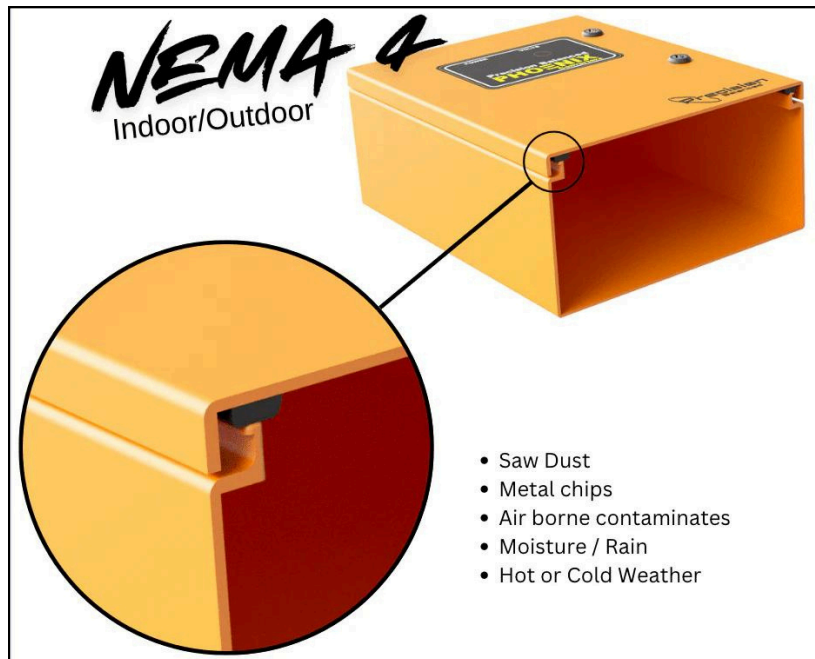
- Auto-restart from blackouts or power loss
- Voltage Monitor Display
- TEFC (Totally Enclosed Fan Cooled) Generator
- Heavy-duty cast iron generator frame
- NEMA 4 enclosure, heavy hinged door, with Lock-Out locks and keys.
- Powder coated for rust protection.
- Precision Balanced Voltage
- AutoLink built in Load Starter and Protection or add another converter

Optional Features

- 208 or 460 Volts Output (includes transformer)
- PL Model Start and Stop Button with Built-in Mag starter
- AutoStart and Stop with Load Detection
- Digital GPX (wifi, cloud controls, timer, energy monitor)
- Wireless Remote ON/OFF
- EX Model, Include pre-install expansion to increase the size of your phase converter

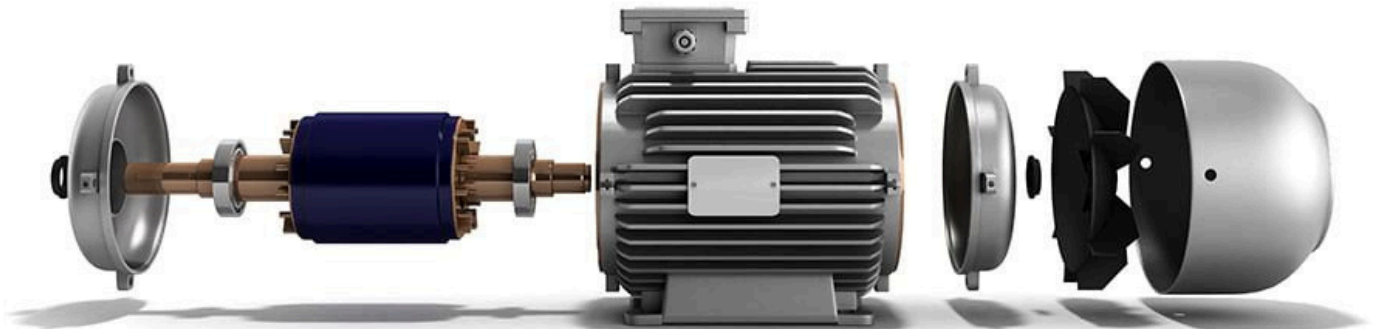
Control Panel

At Phoenix Phase Converters we use the best components that last a lifetime. The GP15NLA - 15 HP rotary phase converter is sealed from any outside environment and is made to be used in a metal shop, woodshop, and outdoors. In addition, the phase converter is designed to be utilized in cold or hot weather. An intuitive standard voltage meter display to monitor your generated phase. The rotary phase converter is engineered with a NEMA 4 enclosure to ensure it is durable in a variety of commercial environments. The AutoLink protect your equipment



Generator/Idler

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More on what make TEFC different then ODP