**Quick Specs**

- **Single Phase Input Power:** 208 - 245 Volts
- **3 Phase Rated Output:** 208 - 245 Volts
- **Minimum Single Phase Circuit:** 40 Amps
- **Best Performance Single Motor Start:** 7.5HP
- **Recommended 3 Phase Sizing:** 20 Amps
- **Voltage Balance:** +/-2-5% (Based on input)

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**Professional. Rugged. Affordable.** Pro-Line offers more than a traditional phase converter. Built complete and loaded with features.

**Control Panel Features**

- Integrated Motor Starter with Start/Stop Push Button Switch
- Digitally Controlled & Protected Start Circuit
- Complete Phase Power Failure Protection
- CNC Voltage Balancing
- Power “ON” Indicator Light
- Easy Power Distribution Block Connections
- 10 Year Parts / Lifetime Labor Warranty
- Made In the USA

**Idler Generator Features**

- Custom Design Rotary Phase Converter Generators
- Low Impedance/High Efficiency Design
- Custom Copper Windings and Rotor
- Made by ABB / Baldor Electric USA
- Available in ODP and TEFC
- Soft Start Idler Generator
- Shielded Windings
- Made In the USA

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**Typical Wiring Diagram**

North America Phase Converter Co.
2728 South 163rd Street
New Berlin, WI 53151
877-545-2926
NorthAmericaPhaseConverters.com
# Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PL-15</th>
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## General Specifications
- **Horse Power (HP)**: 15
- **Kilo-watt (kW)**: 11.2
- **Frequency (Hz)**: 60
- **Generator Type**: ODP
- **Enclosure Type**: NEMA 1 (Indoor)
- **Generator Frame**: 254

## Single Phase Electrical Specifications
- **Voltage Input**: 208-245
- **Minimum Fuse Size**: 40
- **Minimum Circuit Breaker Size**: 40
- **Maximum Fuse Size**: 80
- **Maximum Circuit Breaker Size**: 80
- **Minimum Wire Input**: 4 AWG or 125% of circuit size
- **Idle Amperage**: 5.4

## Three Phase Electrical Specifications
- **Voltage Output**: 208-245 based on input voltage
- **Output Amperage**: 39
- **Voltage Balance**: 2 - 5%
- **Minimum Wire to Generator**: 8 AWG
- **Minimum Wire to Load**: 8 AWG or based on load

## Dimensions & Weights
- **Enclosure (H X W X D)**: 17" X 12" X 8"
- **Idler (Approx.) Length X Diameter**: 14" X 10"
- **Approx. Total Shipping Weight**: 178 lbs.

### The PL-15 Pro-Line Phase Converter is best sized for:
- **Easy / Light Motor Loads** - up to 10HP
  - Examples of Easy Loads: Table Saw, Milling Machine, Drill Press
- **Medium Motor Loads** - up to 7.5HP
  - Examples of Medium Loads: Belt Sander, Grinder, Mixer
- **Hard Motor Loads** - up to 7.5HP
  - Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan
- **Very Hard Motor Load** - up to 5HP
- **CNC, Resistive and Inductive Loads** - up to 20 Amps @240 volts

## Sizing Notes
- **For light/easy motor loads**: Size rotary phase converter one size above motor size
- **For medium motor loads**: Size rotary phase converter 1.5 times larger than motor size
- **For heavy/hard motor loads**: Size rotary phase converter double the size of motor load
- **For very hard motor loads**: Size rotary phase converter 2.5 times larger than the motor load
- **For CNC, resistive and inductive loads**: Size rotary phase converter double the size of load

### Available Accessories
- Wired and Wireless Remote Switches
- Twist-Lock Outlets and Plugs
- Floor Mounting Kits

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