

Pro-Line Rotary Phase Converters

PL-7

Quick Specs

See back for complete specs

Single Phase Input: 208 - 245 Volts

3 Phase Rated Output: 208 - 245 Volts

Minimum Single Phase Circuit: 20 Amps

Best Performance Single Motor Start: 3HP

Recommended 3 Phase Sizing: 11 Amps

Voltage Balance: +/-2-5% (Based on input)

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

Control Panel Features

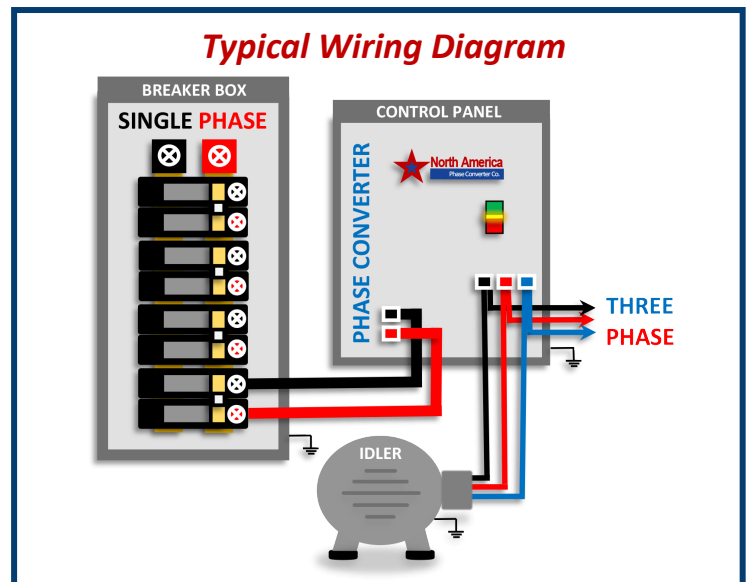
- Integrated Motor Starter with Start/Stop Push Button Switch
- Digitally Controlled & Protected Start Circuit
- Complete Phase Power Failure Protection
- CNC Voltage Balancing
- Power "ON" Indicator Light
- Easy Power Distribution Block Connections
- 10 Year Parts / Lifetime Labor Warranty
- Made In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

Typical Wiring Diagram



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



| Model | |
|--|--------------------------------|
| Brand | NAPCES |
| Line | Pro-Line |
| Model # | PL-7 |
| General Specifications | |
| Horse Power (HP) | 7.5 |
| Kilo-watt (kW) | 5.6 |
| Frequency (Hz) | 60 |
| Generator Type | ODP |
| Enclosure Type | NEMA 1 (Indoor) |
| Generator Frame | 213 |
| Single Phase Electrical Specifications | |
| Voltage Input | 208-245 |
| Minimum Fuse Size | 20 |
| Minimum Circuit Breaker Size | 20 |
| Maximum Fuse Size | 40 |
| Maximum Circuit Breaker Size | 40 |
| Minimum Wire Input | 8 AWG |
| Idle Amperage | 4.24 |
| Three Phase Electrical Specifications | |
| Voltage Output | 208-245 based on input voltage |
| Output Amperage | 20 |
| Voltage Balance | 2 - 5% |
| Minimum Wire to Generator | 10 AWG |
| Minimum Wire to Load | 10 AWG |
| Dimensions & Weights | |
| Enclosure (H X W X D) | 17" X 12" X 8" |
| Idler (Approx.) Length X Diameter | 13" X 8" |
| Approx. Total Shipping Weight | 110 lbs. |

| The PL-7 Pro-Line Phase Converter is best sized for: | |
|--|--|
| Easy / Light Motor Loads - up to 5HP | |
| <i>Examples of Easy Loads: Table Saw, Milling Machine, Drill Press</i> | |
| Medium Motor Loads - up to 5HP | |
| <i>Examples of Medium Loads: Belt Sander, Grinder, Mixer</i> | |
| Hard Motor Loads - up to 3HP | |
| <i>Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan</i> | |
| Very Hard Motor Load - up to 2HP | |
| <i>Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump</i> | |
| CNC, Resistive and Inductive Loads - up to 11 Amps @240 volts | |

Sizing Notes

PL-7

- For light/easy motor loads:** Size rotary phase converter up 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