

Pro-Line Rotary Phase Converters

PL-50

Quick Specs

See back for complete specs

Single Phase Input Power - 208 - 245 Volts

Input Amperage Range - 125 - 250 Amps

Idler HP Rating - 50HP (37.3kW)

3 Phase Rated Output - 208 - 245 Volts

3 Phase Output Amperage - 125 Amps

Voltage Balance - Based on input +/-2-5%

Professional. Rugged. Affordable. The Pro-Line offers much more than you would expect from a phase converter. Loaded with features and unmatched quality.

Control Panel Features

- Built-In Motor Starter with Start/ Stop Push Button Switch
- Digitally Controlled & Protected Start Circuit
- Complete Phase Power Failure Protection
- Precision 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 Made Rotary Phase Converter Generators
- Made by Baldor Electric USA
- Low Impedance/High Efficiency Design
- Available in ODP and TEFC
- Custom Copper Windings and Rotor
- Shielded Windings
- Made In the USA

Easy Installation



Installation made easy with removable back plate, open side walls, oversized wire connections and laser cut knockouts including one for a twist-lock outlet.



North America Phase Converter Co.
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Model	
Brand	NAPCES
Line	Pro-Line
Model #	PL-50
General Specifications	
Horse Power (HP)	50
Kilo-watt (kW)	37.3
Frequency (Hz)	60
Generator Type	ODP
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	326
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	125
5Minimum Circuit Breaker Size	125
Maximum Fuse Size	250
Maximum Circuit Breaker Size	250
Minimum Wire Input	300 MCM
Idle Amperage	9.78
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	125
Voltage Balance	2 - 5%
Minimum Wire to Generator	2/0 AWG
Minimum Wire to Load	2/0 AWG or based on load
Dimensions & Weights	
Enclosure (H X W X D)	26" X 18" X 8"
Idler (Approx.) Length X Diameter	21.5" X 13.5"
Approx. Total Shipping Weight	425 lbs.

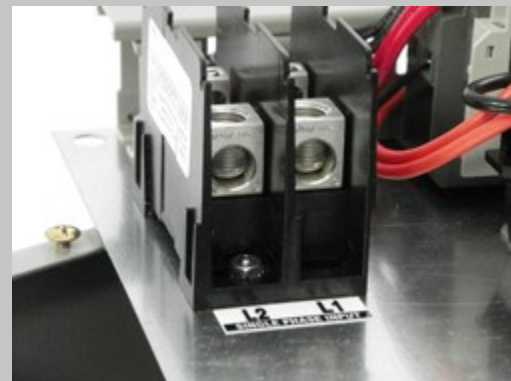
The PL-50 Pro-Line Phase Converter is best sized for:	
Easy / Light Motor Loads - up to 40HP	
<i>Examples of Easy Loads: Table Saw, Milling Machine, Drill Press</i>	
Medium Motor Loads - up to 30HP	
<i>Examples of Medium Loads: Belt Sander, Grinder, Mixer</i>	
Hard Motor Loads - up to 25HP	
<i>Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan</i>	
Very Hard Motor Load - up to 20HP	
<i>Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump</i>	
CNC, Resistive and Inductive Loads - up to 75 Amps @240 volts	

Sizing Notes PL-50

- 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



Built-In Motor Starter with Start / Stop Switch



Oversized Power Distribution Blocks for Easy Installation



Complete 3 Phase Power Guard Protection