

Pro-Line Rotary Phase Converters

PL-10

Quick

Single Phase Input Power - 208 - 245 Volts

Input Amperage Range - 30 - 50 Amps

Idler HP Rating - 10HP (7.5kW)

3 Phase Rated Output - 208 - 245 Volts

3 Phase Output Amperage - 28 Amps

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

See back for complete specs

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

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.

Model	
Brand	NAPCES
Line	Pro-Line
Model #	PL-10
General Specifications	
Horse Power (HP)	10
Kilo-watt (kW)	7.5
Frequency (Hz)	60
Generator Type	ODP
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	215
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	30
Minimum Circuit Breaker Size	30
Maximum Fuse Size	50
Maximum Circuit Breaker Size	50
Minimum Wire Input	6 AWG
Idle Amperage	3.24
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	28
Voltage Balance	2 - 5%
Minimum Wire to Generator	10 AWG
Minimum Wire to Load	10 AWG or based on load
Dimensions & Weights	
Enclosure (H X W X D)	17" X 12" X 8"
Idler (Approx.) Length X Diameter	13" X 10"
Approx. Total Shipping Weight	129 lbs.

The PL-10 Pro-Line Phase Converter is best sized for:

Easy / Light Motor Loads - up to 7.5HP

Examples of Easy Loads: Table Saw, Milling Machine, Drill Press

Medium Motor Loads - up to 6HP

Examples of Medium Loads: Belt Sander, Grinder, Mixer

Hard Motor Loads - up to 5HP

Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan

Very Hard Motor Load - up to 3HP

Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump

CNC, Resistive and Inductive Loads - up to 16 Amps @240 volts

Sizing Notes

PL-10

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 then 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 then the motor load

For CNC, resistive and inductive loads: Size rotary phase converter double the size of load



Built-In Motor Stater with Start / Stop Switch



Oversized Power Distribution Blocks for Easy Installation



Complete 3 Phase Power Guard Protection