

Rotary Phase Converter Control Panel CP-40

Quick Specs

See back for complete specs

Single Phase Input Power: 208 - 245 Volts

3 Phase Rated Output: 208 - 245 Volts

Minimum Single Phase Circuit: 100 Amps

Best Performance Single Motor Start: 20HP

Recommended 3 Phase Sizing: 50 Amps

Idler Motor Rating: Add your 40HP idler motor

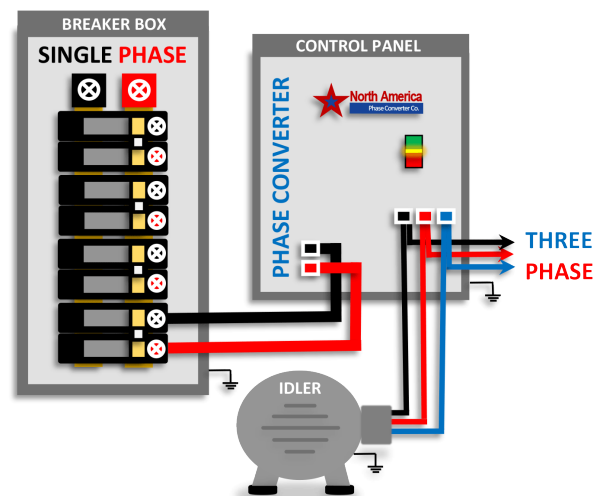
Professional. Rugged. Affordable. Build your own rotary phase converter with our Pro-Line CP line of control panels and your motor as an idler motor. Pro-Line CP offers more than a traditional phase converter. Built complete and loaded with features.

Control Panel Features

- Built-In Motor Starter with Start/ Stop Push Button Switch
- Available in a NEMA 3R Upgrade (Outdoor Use)
- Digitally Controlled & Protected Start Circuit
- Easy Power Distribution Block Connections
- Complete Phase Power Failure Protection
- 10 Year Parts / Lifetime Labor Warranty
- Precision Voltage Balancing
- Power "ON" Indicator Light
- Emergency Stop Button
- 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 #	CP-40
General Specifications	
Horse Power (HP)	40
Kilo-watt (kW)	29.8
Frequency (Hz)	60
Generator Type	Add your 40HP idler motor
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	326
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	100
Minimum Circuit Breaker Size	100
Maximum Fuse Size	200
Maximum Circuit Breaker Size	200
Minimum Wire Input	4/0 AWG
Idle Amperage	Based on your 40 HP Motor
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	100
Voltage Balance	2-5 %
Minimum Wire to Generator	1 AWG
Minimum Wire to Load	1 AWG
Dimensions & Weights	
Enclosure (H X W X D)	24" X 18" X 8"
Idler size	Based on your 40 HP Motor
Approx. Total Shipping Weight	50 lbs.

The CP-40 Pro-Line Phase Converter is best sized for:

Easy / Light Motor Loads - 30 HP

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

Medium Motor Loads - up to 25 HP

Examples of Medium Loads: Belt Sander, Grinder, Mixer

Hard Motor Loads - up to 20 HP

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

Very Hard Motor Load - up to 15 HP

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

CNC, Resistive and Inductive Loads - 50 amps @ 240 volts

Sizing Notes

CP-40

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



Digital Voltage Meter