

Rotary Phase Converter Control Panel CP-3

Quick Specs

See back for complete specs

Single Phase Input Power: 208 - 245 Volts

3 Phase Rated Output: 208 - 245 Volts

Min. Single Phase Circuit: 10 Amps

Best Performance Single Motor Start: 1.5HP

Recommended 3 Phase Sizing: 4 Amps

Idler Motor Rating: Add your 3HP idler motor

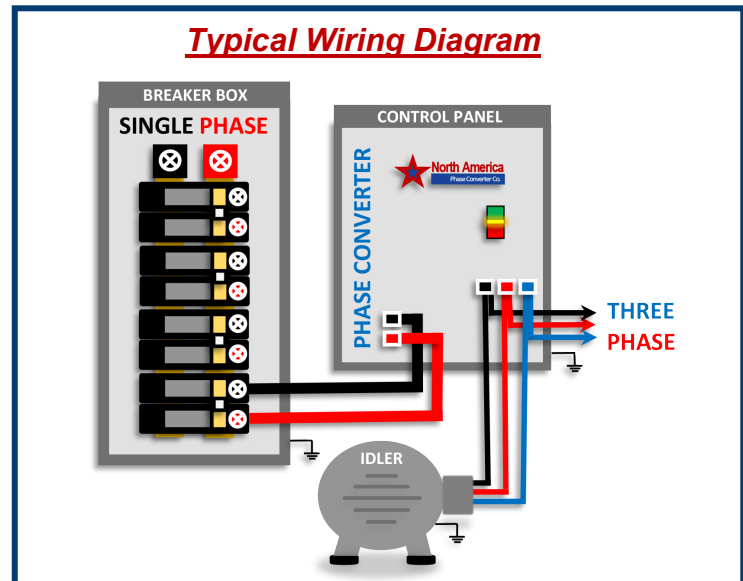
Professional. Rugged. Affordable. Build your own rotary phase converter with our Pro-Line CP line of control panels and your motor as an idler motor. Pro-Line CP offers more than a traditional phase converter. Built complete and loaded with features.

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-3 |
| General Specifications | |
| Horse Power (HP) | 3 |
| Kilo-watt (kW) | 2.2 |
| Frequency (Hz) | 60 |
| Generator Type | Add your 3HP idler motor |
| Enclosure Type | NEMA 1 (Indoor) |
| Generator Frame | 145 |
| Single Phase Electrical Specifications | |
| Voltage Input | 208-245 |
| Minimum Fuse Size | 10 |
| Minimum Circuit Breaker Size | 10 |
| Maximum Fuse Size | 20 |
| Maximum Circuit Breaker Size | 20 |
| Minimum Wire Input | 10 AWG |
| Idle Amperage | Based on your 3HP Motor |
| Three Phase Electrical Specifications | |
| Voltage Output | 208-245 based on input voltage |
| Output Amperage | 8 |
| Voltage Balance | 5 - 10% |
| Minimum Wire to Generator | 12 AWG |
| Minimum Wire to Load | 12 AWG |
| Dimensions & Weights | |
| Enclosure (H X W X D) | 18" X 12" X 8" |
| Idler size | Based on your 3HP Motor |
| Approx. Total Shipping Weight | 25 lbs. |

The CP-3 Pro-Line Phase Converter is best sized for:

Easy / Light Motor Loads - up to 2.5 HP

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

Medium Motor Loads - up to 2 HP

Examples of Medium Loads: Belt Sander, Grinder, Mixer

Hard Motor Loads - up to 1.5 HP

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

Very Hard Motor Load - up to 1 HP

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

CNC, Resistive and Inductive Loads - up to 4 Amps

Sizing Notes

CP-3

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