

Product Brochure For E153

## Phase Change Converter - 240V into 415V - PC6

Run 6kW / 7.5hp, 415V Motor Machines from 240V Power Supply

True 3 Phase 415V Output

**Ex GST**                      **Inc GST**  
**\$6,100.00**                      **\$6,710.00**



|  |                 |
|--|-----------------|
| ORDER CODE:  | E153            |
| MODEL:   | PC6             |
| Total Output (kW / hp):                                  | 6 / 7.5         |
| 240V Input Power Required (Amp):                         | 30 - Hardwired  |
| 480V Input:  | Yes             |
| 415V / 10A Outlet - 5 Pin:                               | Option          |
| Auto Hard Start & Boost:                                 | Yes             |
| Multi Motor & Electronic Loads:                          | Yes             |
| Nine Stage Voltage Control & Boost:                      | Yes             |
| Max. Starting & Running Load (kW / hp):                  | 6 / 7.5         |
| Pilot Motor Position (Type):                             | Internal        |
| Supply Circuit Breaker Fuse Current @ 240V / 480V (Amp): | 30 / 15         |
| Enclosure Dimensions l x W x h (mm):                     | 685 x 360 x 840 |
| Weight (kg):   | 150             |



### Description

The Phase-Changer Converter Range

All Phase-Changer converters have the "heart" of our new micro-control technology mixed in with the proven rotary converter principle. This unique formula greatly improves real world performance and reliability, when compared to most other converter technologies.

At the small end of the Phase-Changer range, the 2.2KW and 3KW converters are offered as a "plug-in to socket-out" design, meaning you simply plug the converter in to a standard 10A or 15A single phase outlet, and you get 3 phase 415V immediately on the 3 phase outlet that you can plug your machine in to. It's as simple as that!

For converters to 4KW, you also have the choice of the full multistage control or an alternative lower cost single stage control. The single stage Phase-Changer (Phase-Changer S) still provides hard start capability, but does not have the automatic voltage trimming stages, that the multi-stage unit has.

This is still good in many applications; typically single motor loads where voltage symmetry may be less important.

All converters from 4KW upwards require hardwiring to a power board fitted with the correctly sized circuit breakers or fuses. A comprehensive installation guide is included with your Phase-Changer.

Suitable for ANY 3 Phase Application with models from 2.2 to 37KW (3HP to 50HP) standard, ideal for multi-load applications.

### Features

- Australian Designed & Made in both Australia & China with Local Support and a 3 Year Guarantee
- New Industrial Micro-Processor Controlled Technology, Custom Designed in Australia For the World Market
- Micro-Controlled 9 Stage Automatic Output Voltage & Balance Control For Stable Voltages Over the Full Load Range
- "Stress Free" Solid State Capacitor Switching using Industrial High-Power Thyristors - Means No Ongoing Maintenance Issues
- Extremely Reliable
- True 3 Phase 415V Output
- High 95% Efficiency
- Automatic Hard Start and Boost Standard
- Delayed Output / Load Contactor Standard
- Improves Power Quality: (Rides Through Short Term Over Voltage Spikes and Voltage Sags)
- Balances Incoming Supply Power Factor
- Maintenance Free
- Designed to Not Increase Your Power Bill
- Low Cost (when compared to a utility 3 phase connection)

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### Optional Accessories

- 15 amp / 415V outlet

### Specific Features



Rear View Shown with Optional 415V Outlet



Optional 415V Outlet