

# Power Control

## Motor Starters

### Digital Bypass Solid State Low Voltage

- for applications requiring controlled soft start or reduced voltage starting to eliminate shock or limit inrush current
- 200-600 VAC
- 30-700 HP

### Medium Voltage

- 2300-4160 VAC
- 100-2000 HP
- Solid State and Full Voltage

### Low Voltage

- Across-the-Line
- Part Winding
- Wye Delta



## Variable Frequency Drives

### RAM ENHANCED Compressor Drives

- 30-1000 HP
- Constant Torque
- UL Type 1, 12, 4
- Solid State Bypass Option
- Screw Compressor Application Options
- Air Cooled or Liquid Cooled



### Cooling Tower Drives

- UL Type 3R Enclosure
- Fan Filtered
- VFD and Bypass
- Auxiliary Device Controls
  - Pan Heaters
  - Spray Pumps
  - PID Controls



### Packaged Pump Drives

- UL Type 3R Enclosure
- Booster Pumps
- Duplex, Triplex
- Bypass Option
- Lift Station Control
- Lead / Lag Control



## Compliance Standards

- UL
- NEMA / ICS
- ANSI / IPC
- IEC
- CSA
- NFPA
- IEEE45
- CE

## Diversified Manufacturing

RAM's diverse capabilities enable us to be a single source for your power control requirements.

### Focused

At RAM, we are focused to design, engineer, and manufacture repetitive, high-quality electronic control panels. Our high-volume purchase agreements on control and panel components give us the edge to be extremely competitive on a global platform.

### Teamwork

Our dedicated team of design engineers and technicians bring together a wealth of knowledge and the focus on product development and research provides our customers with exceptional products.

### Uncompromising Quality

Internationally recognized for our cutting-edge manufacturing, innovative engineering, and unrivaled technical and sales support, our products and services have earned us the reputation of worldwide excellence.

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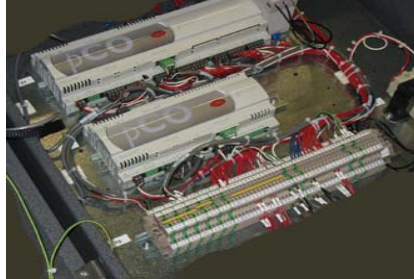
## Custom Control

### Motor Controllers

- Design and build competitively priced standard and special motor controllers from 1HP-1500HP in UL Type 1, 3R, 12, 4, and 4X enclosures.

### Electronic Control Assemblies

- Design, manufacture, test, and build electronic assemblies and install them in a custom control panel to suit your needs.



## Controllers

### Pump Panels

- Simplex
- Duplex
- Triplex
- Alternators
- UL Type Enclosures
- Industry Standard Options
- Lead/Lag

### HVAC Panels

- Standard or custom designed control panels for fans, blowers, condensers, or cooling tower applications.

### Reduced-Voltage Starters

- Wye-Delta
- Auto-Transformer
- Part-Winding
- Solid-State



## No Dispute Warranty

### Premium Performance Motor Starter Package

In 1987, when RAM's No Dispute Warranty was introduced, it made its mark nationally and established RAM a leading source for motor and control products in the industry.

Applicable with purchase of a RAM Motor and its precision-matched RAM Starter or VFD.

## Engineering Services

- Control Layout and Design
- Printed Circuit Board Engineering
- Microprocessor Software Development
- CAD Drawing Development
  - AutoCad
  - PCad
  - Solid Works



## Additional Services

- Generation of complete drawing package, including spare parts lists and instruction and operating manuals for your control application.
- Assist in writing control product specifications for your product.
- Provide nationwide and worldwide field service and application engineering service.
- Provide international certification on applicable control panels and assemblies.
- Provide 24 / 7 engineering and warranty assistance service.

