

THE Electrical Connection

March 2010

Ann Arbor • Flint • Madison Heights



McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving Our S. E. Michigan
Electrical Community for 100 Years!

Intelligent Motor Control Energy Efficient Solutions

Achieving Operational and Energy Efficiency with Intelligent Motor Control



Increased manufacturing costs and increased competition have made it a business necessity to improve your overall operational and energy efficiency at your manufacturing facilities. You can accomplish this by using Rockwell Automation® Intelligent Motor Control solutions to monitor and protect your motors, enhance motor performance and make your motor systems more reliable and easier to use. With electric motors as the driving force behind most production output, improved motor control performance and motor efficiency means greater overall production efficiency. The technology behind Intelligent Motor Control — including variable frequency drives, intelligent software and networked motor condition monitoring devices — is capable of providing you with both an immediate and measurable impact on energy use and operational efficiency.

FanMaster™ Energy Saving Package

Saving Energy Can be Easy



Providing you with an easy upgrade to your Heating, Ventilation and Air Conditioning (HVAC) equipment, the Allen-Bradley FanMaster™ energy saving package converts a constant volume air handler to variable airflow without changes to your existing mechanical and controls systems.

- Convert a constant-volume HVAC air handler to variable airflow with the FanMaster package and a PowerFlex® 400 AC drive
 - Temperature variations similar to temperatures present in your current air handling system
- Distribute heating and cooling BTUs in the same proportion as the original system design, using less fan energy
- Demand ventilation control of Carbon Dioxide
 - Minimizes outside air while providing good air quality
 - Lower heating and cooling energy consumption
- Calculate potential savings for your specific application, not just industry averages
- Run fans at optimal speed using the patent pending algorithms

Upcoming Training

There are many training opportunities for our customers in March and April. With a range of classes from RSLogix 5000 Level 1 training to a SLC 500 and RSLOGX 500 Advanced Programming, McNaughton-McKay has all the Rockwell Automation product training you need. Remember customized classes are always available.

Visit www.mc-mc.com and click on the Training tab for complete schedule!

For more information please visit our website or contact Rainie Robinson at 248-399-7500.

Meet The Newest Member Of Your Crew

BMP™21 Label Printer



Simple to operate and quick to print, the Brady BMP™21 label printer is the economical, must-have labeling tool for voice/data comm, electrical and general industrial crews. With this thermal transfer printer, you can create your labels just once knowing they will stay stuck and stay legible for years.

- Faster, More Efficient Labeling
- Durable, Made-to-Last Labels
- All-in-One Industrial Labeling Tool

High-performance, high-brightness Champ® VMV LED luminaire –brilliantly combining safety, reliability and energy efficiency.

It is a new era for Champ® luminaires. This luminaire provides the same durability and reliability of a traditional Champ luminaire, coupled with the low cost of ownership and energy efficiency of Cooper Crouse-Hinds LED technology. High-performance LEDs and a solid-state electronic driver provide light where you need it, at a fraction of the operating cost of HID technologies.

VMV LED Series luminaires are designed to provide full-spectrum, crisp white light with a true IES type V distribution. This white light output provides the human eye with better visual acuity compared to the poor rendering and color quality produced by a typical HPS fixture. Three versions of the Champ VMV LED are available, providing ideal solutions for a wide range of applications.

- VMV5L - Ideal for Low-light Applications
- VMV7L - Wide Area Illumination
- VMV9L - High Lumen Output



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