

# THE Electrical Connection

September 2011

Ann Arbor • Flint • Madison Heights

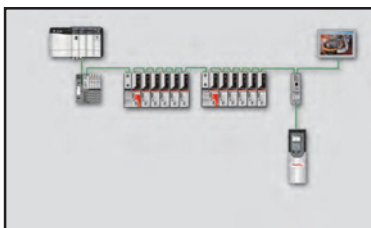


**McNAUGHTON-McKAY**  
ELECTRIC COMPANY

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

## Rockwell PowerFlex 755 AC Drive with Integrated Motion

*Bringing Together the Powerful Performance of Integrated Motion and EtherNet/IP™*



Achieve a new level of machine flexibility and functionality. The PowerFlex 755 drive is aimed to maximize your investment and help improve productivity. Now with the added capability of integrated motion, for the first time, PowerFlex and Kinetix drives can be on the same network – EtherNet/IP – and configured, programmed and controlled using RSLogix 5000 via motion instruction sets.

Integrated Motion on EtherNet/IP not only provides high performance closed- and open-loop drive control on a single network but with motion profiles and instructions embedded in the controller, helps ensure device precision and synchronization. Add in safety options and you have an AC drive that can make a difference in your machine.

When you move to Integrated Motion on EtherNet/IP, you can benefit from complete machine support on a single, flexible network, eliminating the need for dedicated networks and control modules.

Click here to register for the Drives Headquarters/Scalable Motion Seminar at our Madison Heights facility on September 21st and 22nd.

## Rockwell Kinetix® 300 EtherNet/IP™ Indexing Servo Drive

*Cost-Effective Low Axis Count Motion Control*



The benefits of using a single EtherNet/IP network solution for your entire machine are substantial. Simplicity, flexibility and high performance are just some of the reasons to make the move to Ethernet/IP. And, it's not just for select applications anymore. As Ethernet/IP communications have become widely accepted and adopted, there is a growing trend toward both machine builders and end users standardizing on this single enterprise-wide network.

Eliminating the need for a dedicated motion network allows easy commissioning, configuration and start up of your machine's servo drives, motors and actuators. It also enables the integration of an entire control solution over Ethernet/IP, including HMI, Programmable Automation Controllers (PAC), I/O and motion, while maintaining reliable, high-speed connectivity.

A single standard Ethernet/IP network; safety, functionality and flexibility. The power of Integrated Architecture™ in a cost-effective package. The Kinetix 300 servo drive combines all these benefits into the low axis motion solution your cost-sensitive machines require.

## Upcoming Training & Events

- September 13 & 14: RSLogix 5000 Level 1: ControlLogix System Fundamentals – Troy, MI
- September 14: Cognex In-Sight Explorer Spreadsheet Basic Training - Madison Heights, MI
- September 15 & 16: RSLogix 5000 Level 2: Basic Ladder Logic Interpretation - Troy, MI
- September 20 - 23: RSLogix 5000 Level 3: ControlLogix Maintenance and Troubleshooting - Troy, MI
- September 21 & 22: Drives Headquarters / Scalable Motion Seminar - Madison Heights, MI
- September 27 & 30: SLC 500 and RSLogix 500 Maintenance and Troubleshooting - Troy, MI
- November 16 & 17: 2011 Rockwell Automation Fair – Chicago, IL

For more information please visit our website or contact Vicki Isom  
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## Get Control of Your Inventory and Costs

*Fuse Control™ from Mersen*



Mersen's Fuse Control™ program is a powerful combination of circuit protection products and services designed to help you get control of your plant inventory, operating costs, code compliance and workplace safety. Developed by Mersen and refined through extensive field research, Fuse Control is a simple program that packs a lot of muscle. It will give you the edge you need to mitigate arc flash hazards, achieve code compliance, reduce inventory by 25% or more and offer the highest grade overcurrent protection available. Get Fuse Control and you'll: Improve workplace safety, Achieve electrical code compliance, Reduce downtime associated with electrical failures, Streamline inventory as much as 25% or more and Decrease operating costs.

How can one program deliver such benefits? It's easy! Let the fuses do the work. The key lies in consolidating your current inventory and installed overcurrent protective devices to one fuse line - Mersen's innovative Amp-Trap 2000® fuse family. Amp-Trap 2000 fuses outperform the traditional fuse, opening in less than one-quarter cycle at fault currents up to 300kA, and minimize the let-through currents and energies that flow downstream during faults.

## Automation Fair 2011

*The Industry's Premier Event for Manufacturing Decision Makers*

If you are like most professionals, you believe in continuous improvement for your company and for yourself.

That's what you'll find at this year's Automation Fair in Chicago on November 16th and 17th, 2011. Whether you're focused on a machine, a sell, a process line or an entire plant Rockwell Automation has something for you. See smart, safe sustainable solutions that can help optimize production and drive competitive advantage. There are no registration costs or tuition fees. Ask your management to send you to this year's 20th Anniversary of Automation Fair and take advantage of McNaughton-McKay's convenient and cost effective travel packages. Registration is now open: [www.afair.mc-mc.com/overview](http://www.afair.mc-mc.com/overview).



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