

# THE Electrical Connection

September 2011

Columbus • Defiance • Findlay  
Hebron • Mansfield • Toledo

**McNAUGHTON-McKAY**  
ELECTRIC COMPANY

Serving The Ohio Electrical  
Community for 100 Years and Counting!

## Bulletin 42JS VisiSight™

*An easy-to-apply  
global sensing  
solution in a small  
rectangular package*



Rockwell Automation introduces the new Allen-Bradley VisiSight family of small rectangular photoelectric sensors. Ideal for material handling, packaging, and assembly applications. Also great for Life Sciences, Pharmaceutical, Food & Beverage and Home, Health & Beauty industries. The VisiSight offers a wide range of sensing modes, mounting options, and global features. The VisiSight offers a full range of sensing modes in a sealed, compact, cavity-free housing that minimizes the collection of dust and debris while allowing for easy sensor cleanup. The rectangular housing features industry standard 25.4mm (1in) mounting hole spacing, and can also be used with an 18mm nose-mount adaptor. All models combine a visible red light source for ease of alignment and a stability light to indicate signal strength.

## Amprobe's INSP-3 Wiring Inspector Tester

The INSP-3, Wiring Inspector is a rugged tester designed to verify building wiring compliance to electrical code, especially voltage drop under load. You can identify issues with splices, connections and conductor quality, crucial to the safety and performance of the electrical system.



- Testing efficiency - relevant test data (voltage, voltage drop, hot and neutral voltage drop, voltage with load, ground impedance) is presented on a single large display to save operator time - no scrolling or switching screens needed
- Verifies if wiring is tested for load carrying ability and that it meets electrical code recommendations for voltage drop under load

## Upcoming Events & Training

**September 9:** Customer Appreciation Cookout - Hebron, OH  
**September 14:** Customer Appreciation Cookout - Columbus, OH  
**September 14:** PowerFlex 700 Vector Control Maintenance and Troubleshooting - Cincinnati, OH  
**September 19:** RSLogix 5000 Level 1: ControlLogix Fundamentals and Troubleshooting - Columbus, OH  
**September 21:** NFPA 70E Electrical Safety - Defiance, OH  
**September 22:** Customer Appreciation Cookout - Defiance, OH  
**September 27:** FactoryTalk View ME and PanelView Plus Programming - Cincinnati, OH  
**November 16 & 17:** 2011 Rockwell Automation Fair - Chicago, IL

For more information  
please visit our website

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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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