

WINKLE ELECTRIC COMPANY INC.

May/June 2008

# Current EVENTS

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2008 Rockwell Automation Fair

New Manufacturer: Certified Insulated Products

## IN THE NEWS

### NEW PRODUCTS FROM WINKLE!

ROCKWELL AUTOMATION

### PANELVIEW™ COMPONENT

The PanelView Component is one of the newest products at Winkle Electric! Newly released in May 2008, PanelView Component has a variety of new features.

When you need an essential component with added value, but with a reduced cost, look to the PanelView Component family of interfaces from Rockwell Automation. New features include built-in programming software and integrated mounting clamps to help improve productivity and maintenance, while providing the convenience and efficiencies of single-source buying.

Preferred integration with Allen-Bradley MicroLogix and SLC 500 families of programmable logic controllers offers you the ideal solution for a wide variety of applications.

Other features include:

- Optimized for MicroLogix based systems
- Built-in programming software
- Secured programming access
- Serial and ethernet communications
- Integrated clamps provide easier installation
- Unicode language switching
- Alarm messages and history
- Basic recipe capability

Contact your sales representative to learn more about Rockwell's PanelView Component.



### NEW IN STOCK AT WINKLE!

COLUMBIA  
LIGHTING ENERGY  
SOLUTIONS  
**VERSABAY™**  
The VersaBay™  
Fluorescent High  
Bay by Columbia  
Lighting Energy

Solutions was developed to address the issues of elevated temperature by creating a systems approach to properly dissipate and control the heat-producing elements, providing a system of maintenance-free operation. These fixtures can provide an energy savings of over 50%, cutting your cost and improving your bottom line, while enhancing the quality of lighting.

VersaBay High Bays are protected by ATM—Advanced Thermal Management—and employ a systems approach to resolving high temperature issues in high bay ballast systems. The ballast is securely mounted to the ballast chamber to provide maximum contact and improved heat-sink design.

For additional information on VersaBay by Columbia Lighting Energy Solutions or a product catalog, visit [www.winkle.com](http://www.winkle.com) or call your sales representative.

# EVENTS CALENDAR

The seminars and training courses detailed below are a great way to learn the latest skills and techniques in the industry. Mark your calendars for these great opportunities!

## **SFT106 NFPA70E ARC FLASH AWARENESS**

The purpose of this course is to provide an overall understanding of the current requirements of NFPA 70E-2004. A complete review of the standard will be provided, along with a review of calculation methods and tables used for establishing the ARC Flash Boundary.

September 24, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Youngstown, Ohio

September 25, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Erie, Pennsylvania

## **RE0523 RELIANCE AUTOMAX PROGRAMMING**

This course is designed to present the details of AutoMax programming languages. It provides an opportunity to become oriented with and use online and offline AutoMax Executive Screens.

September 30 - October 3, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Youngstown, Ohio

## **CCP146 CONTROLLOGIX SYSTEM FUNDAMENTALS**

Individuals who have little or no working experience with Logix5000 systems or other programmable controllers should attend this course that teaches the basic skills needed to operate this system.

October 7 - 8, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Erie, Pennsylvania

## **CCP51 CONTROLLOGIX LADDER LOGIX**

This course is for individuals who are responsible for troubleshooting and maintaining SLC 500 systems using RSLogix 500 software. Get hands-on experience in interpreting, isolating and diagnosing hardware problems.

October 9 - 10, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Erie, Pennsylvania

## **CCP299 CONTROLLOGIX FUNDAMENTALS & TROUBLESHOOTING**

This course will assist those who have no current working experience in Logix5000 systems in developing and building a solid foundation and fundamental knowledge of ControlLogix and other Logix5000 systems.

October 13 - 17, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Youngstown, Ohio

## **CCP122 SLC500/PLC5 FUNDAMENTALS**

This course paves the way for those individuals who are seeking success with programmable controller systems. Individuals who have little or no working experience should attend this course, which teaches the basics of SLC500 systems and more.

November 5 - 6, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Erie, Pennsylvania

November 18 - 19, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Youngstown, Ohio

## **ROCKWELL AUTOMATION FAIR**

November 18 - 20, 2008

Nashville, Tennessee

Winkle Travel Package (*see back for more info*)

## **CCP164 DEVICENET/RSNETWORK CONFIGURATION AND TROUBLESHOOTING**

This course prepares students to successfully design and configure an efficient DeviceNet network using components for the ControlLogix platform. Students will design a cable system and configure a driver, a scanner and network devices.

December 9 - 11, 2008

8:30 a.m. - 4:30 p.m.

Winkle Electric Co. Training Center  
Youngstown, Ohio

*Register for any of these events by calling Joy Russell (Youngstown) 330-744-5303 or Lois Fetterman (Erie) 814-838-1900.*

# FEATURED PRODUCTS

## ROCKWELL AUTOMATION POWERFLEX DC DRIVE

The Rockwell Automation PowerFlex DC digital drive has been designed for the most demanding stand-alone and coordinated drive control and drive system applications. The PowerFlex DC drive combines powerful performance with flexible control to produce a highly functional, cost-effective drive and control solution. The DC drive offers many features that allow the user to easily configure the drive for most application needs. The standard hardware offering consists of an open type enclosure, armature converter, regulated field converter for field weakening or economy applications, an advanced regulator with integrated DPI functionality DC tachometer and encoder capability.

### PowerFlex DC Configured Drives

To meet specific industry and application needs, Rockwell Automation offers a Configured PowerFlex DC Package. The configured DC drive program provides you with the ability to order a complete DC drive package, specified to meet your application's demands. One catalog number will provide a complete packaged drive solution.

The configured drives program offers pre-designed drives with options not available in the standard product catalog. They are available in standard designs for applications requiring DC drives mounted in MCC enclosures or on rigid panels to be mounted in existing cabinets. The panel mount option allows users flexibility for application specific solutions.

Visit [www.winkle.com](http://www.winkle.com) or contact your Winkle representative for additional details about the PowerFlex DC drive from Rockwell Automation.

## HOFFMAN T4 LINE INDOOR/OUTDOOR AIR CONDITIONERS



Hot weather season is upon us and Winkle and Hoffman have come up with a perfect solution. T4 Air Conditioners by Hoffman provide high-efficiency positive cooling for wall-mount and stand-alone enclosures and are designed for indoor and outdoor applications requiring up to UL Type 4 rating. These air conditioners are tested to maintain a UL50-rated separation of the external ambient airflow from the sealed cabinet interior. This protects your equipment from shutdowns caused by heat, humidity, dust and other contaminants. Product features include:

- Head pressure control for low ambient operation, compressor heater, coated condenser coil and thermostat
- Surface and internal recess mounting capabilities
- Screwdriver-adjustable thermostat
- Standard EMI/RFI noise suppressor
- Reusable and washable air filter
- Compact footprints minimize mounting surface

For more information, contact your Winkle sales rep.

## MTS SENSORS LINEAR-POSITION AND LIQUID-LEVEL SENSORS



Winkle's Automation Division has made a commitment to continually enhance its product offerings. New MTS Sensors are just another way Winkle is keeping up with the ever-changing industry.

MTS Sensors offer a wide range of field-proven, magnetostictive linear-position and liquid-level sensors using Temposonics technology. MTS Temposonics linear-position sensors provide accurate, non-contact position sensing in a wide variety of configurations and application housing styles. They are designed to operate in many applications including harsh environments.

Their R-Series smart sensors feature high-resolution digitally based linear feedback ideal for today's advanced distributed control architectures. The new G-Series products bring microprocessor intelligence, programming and diagnostics to systems where analog sensors are traditionally used. E-Series sensors offer basic economical feedback to industries requiring no-frills low-cost sensing.

For additional information about MTS Linear-Position Sensors, contact your sales representative.

# ASSOCIATE SPOTLIGHT

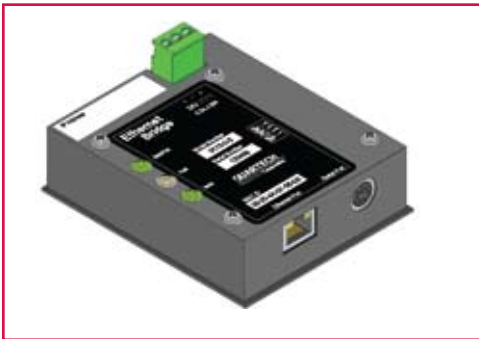
# NEW LINE AT WINKLE

We would like to recognize John Klepec for all of the hard work throughout his 14 years here at Winkle. His position is Drives/Motion Control Product Specialist. He handles sales and support for AC/DC drive products, motion control products and motor control centers.



His favorite part of the job is how every day is different, whether he's on the road or in the office. John says that with the broad range of industries, there are sometimes challenges to find the right solution for every customer. In his spare time John enjoys spending time with his wife and three children and attending their school activities and sporting events.

## QUARTECH CORPORATION MODEL 9113 ETHERNET BRIDGE



The Model 9113 Ethernet Bridge from Quartech Corporation allows an Allen-Bradley PLC, such as the MicroLogix 1100, to monitor and control an Ultra 3000 Servo Drive over an ethernet connection.

The 9113 connects to the Ultra 3000 CN3 port using the provided cable and to the PLC via a 10/100 auto sensing ethernet port. The PLC will access the 9113 as though it were another PLC using File/Element addressing. A pre-defined map exists that associates Ultra 3000 Host Command Reference parameters to File/Element numbers.

The 9113 must be configured with a static IP address that can be set through the serial communication port or the ethernet port using Windows-based programs.

To learn more about Quartech Corporation, please contact your Winkle representative.

## CERTIFIED INSULATED PRODUCTS



**Certified Insulated Products**

Certified Insulated Products is the newest manufacturer represented by Winkle Electric. Founded in 1995, Certified Insulated Products now offers the broadest line of leading edge 1000V AC insulated hand tools and flame resistant clothing.

Certified Insulated Products signed an agreement with US Composite Corporation to help introduce self-insulating composite hand tools to the industry.

Certified Insulated Products has also been the first company to:

- introduce dual color 1000V hand tools ASTM Standards
- offer 1000V composite screw and nut starters
- produce the broadest range of 1000V insulated hand tools
- bring Class 00 500V dexterity gloves to electrical workers
- develop the back pack system in order to hold fire resistant (Arc Flash) protective clothing, insulated hand tools, insulating gloves, test meters, etc.
- manufacture fire-resistant coveralls, parkas and lab coats with detachable hoods for work in HCR 2 and 2\* categories
- manufacture and market the new Westex cool knit material made into parkas, lab coats and coveralls

Certified Insulated Products offers a variety of products to meet your needs including arc protection clothing and kits, gloves and sleeves and protection accessories. Also available are insulating shielding and matting, composite tools, insulated hand tools and tool sets and kits.

## AUTOMATION FAIR

As in the past, Winkle Electric has put together a travel package to make it easier and more economical than ever to attend. The travel package includes:

- Non-stop flight from Cleveland Hopkins Airport on Tuesday, November 18 at 4:45 p.m. for 5:10 p.m. arrival at Nashville International Airport and bus transportation to Hyatt Place Hotel
- Overnight accommodations at the new Hyatt Place Opryland Hotel on the Gaylord Opryland complex for two nights
- Wednesday, November 19 admission to Automation Fair at the Opryland Convention Center. Hotel transportation to and from the complex runs throughout the day
- Wednesday evening dinner at the Aquarium Restaurant at the nearby Opry Mills Mall
- Thursday, November 20 admission to the Automation Fair
- Guests will have the option to go to Nashville's *Honky Tonk Highway* at 1:30 p.m. on Thursday for a variety of music in numerous establishments at no extra cost
- 5:00 p.m. departure from downtown Nashville to the airport for 7:30 p.m. flight, arriving at Cleveland Hopkins Airport at 9:55 p.m.

Call Lois Fetterman, Joy Russell, or register online at [www.winkle.com](http://www.winkle.com).