



WINKLE ELECTRIC COMPANY INC.

Current Events

In This Issue

Calendar of Events

Featured Products...

- Allen-Bradley Dynamix™ 1000
- Sola/Hevi-Duty General Purpose Transformers
- Rockwell PanelView™ Component
- Rockwell Integrated Architecture Tools
- Shat-R-Shield Shatterproof Fluorescent Lamps

2008 Rockwell Automation Fair

Manufacturer Profile: LEESON Motors

Manufacturer Profile: Data-Linc Group

Associate Spotlight: Matt White

FEATURED PRODUCTS

ROCKWELL AUTOMATION MICROLOGIX™ 1400

The Allen-Bradley MicroLogix™ 1400 from Rockwell Automation complements the existing MicroLogix family of small programmable logic controllers.

MicroLogix 1400 combines the features you demand from MicroLogix 1100, such as EtherNet/IP, online editing and a built-in LCD. It also provides you with enhanced features, such as: higher I/O count, faster High Speed Counter/PTO and enhanced network capabilities.

Some features include: built-in LCD with back lighting to set the Ethernet network configuration, display floating point values on a user-configurable display, set OEM logos, change file addresses and increase the LCD data writing capability to support a whole file (256 words). Controllers without embedded analog come with 32 digital I/O count, while analog versions have 32 digital I/O and 6 analog I/O. All versions can be expanded using up to seven 1762 I/O modules — the same I/O modules that MicroLogix 1100 and 1200 utilize.

For additional product details about MicroLogix 1400 from Rockwell, contact your Winkle representative.



ROCKWELL AUTOMATION PANELVIEW™ COMPONENT

The PanelView™ Component is one of the newest products available from Rockwell Automation and Winkle Electric.

When you need an essential component with added value and 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-Bradly 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 Winkle sales representative to learn more about Rockwell's PanelView Component.



IN THE NEWS

ROCKWELL AUTOMATION

DYNAMIX™ 1000 VIBRATION MONITORING

Dynamix 1000™ is a Rockwell Automation Integrated Architecture solution using standard Allen-Bradley control components and a single configuration and display interface.



The Allen-Bradley Dynamix 1000 is an automated surveillance mode system that takes away the burden of manually collecting and analyzing data. Data is collected multiple times a day and is analyzed using programmed rule sets and results are presented to operations and maintenance personnel.

To meet your needs, there are two system options:

- Dynamix 1000 Fixed - a dedicated channel monitoring with rapid updates and continuous analysis
- Dynamix 1000 Sequential - a shared monitor that cycles through many channels and provided periodic analysis

Dynamix 1000 incorporates a number of application-specific vibration analysis rule sets to evaluate the data generated by the XM-122 vibration module and convert it to diagnostic messages. Both operations and maintenance can be informed about specific pending machinery problems before they cause unplanned downtime.

For additional details about Dynamix 1000, contact your Winkle Electric sales representative or visit www.winkle.com.

SOLA/HEVI-DUTY

GENERAL PURPOSE TRANSFORMERS

General Purpose Transformers by Sola/Hevi-Duty can be located close to the load. No vaults are required for installation and no long, expensive feeder lines are needed. Some of its applications include inductive and resistive loads such as motor, lighting and heating. These transformers are manufactured to meet industry standards and are listed in accordance with UL 506 and UL 1561 specifications.



General Purpose Transformers are highly efficient which means low costs to operate. They are electrostatically shielded for quality power and the panel enclosure design reduces labor time. Both indoor and outdoor models are available and a variety of accessories and optional design styles also offered.

To learn more about General Purpose Transformers, contact your Winkle sales rep.

SHAT-R-SHIELD SHATTERPROOF LAMPS



Shat-R-Shield is the original manufacturer of the most reliable safety coated, shatterproof lamps and shatter-resistant light bulbs in the protective lighting industry.

Currently millions of plastic-coated, shatterproof Shat-R-Shield lamps and bulbs are in use worldwide for food service, high-tech manufacturers, food and beverage processors and institutions seeking the ultimate, cost-efficient work site protection. Safety coated/covered lamps, light bulbs and globes provide superior performance.

Shat-R-Shield Teflon safety coated/covered lamps, light bulbs and globes are unaffected by thermal shock, UV, heat and chemicals. Nothing sticks to the lamps and the bulbs are safety coated with Teflon. Shat-R-Shield is licensed to cover its safety coated, shatter-resistant lamps, light bulbs and globes with Dupont Teflon.

ASSOCIATE SPOTLIGHT

We would like to recognize Winkle associate Matt White for his hard work and dedication in his new position. He is one of six inside sales representatives and has been in the position for just over a month. His primary responsibilities are taking phone orders, making product recommendations, quoting and follow-up. Learning about the products and services at Winkle is what he likes most about his job. He also enjoys the comfortable but professional atmosphere.



Matt is the soon-to-be father of twins and is an avid fan of the Cleveland Browns and Indians and The Ohio State Buckeyes. He also enjoys spending time out doors, specifically hunting, fishing, camping and riding.

MANUFACTURER PROFILE

LEESON MOTORS

LEESON is a full-line manufacturer of electric motors, gearmotors and gear reducers for use in industrial and commercial applications. With nearly 4,000 items available from stock, products offered by LEESON include AC and DC motors, sub-fhp motors and gearmotors, NEMA Gear+Motors and right-angle gear reducers.

Their AC motor line includes sub-fractional frame sizes and extends up to hundreds of horsepower. In addition, they produce DC permanent magnet motors through 3 horsepower and subfractional geared and non-geared motors.

LEESON motors can be found on material handling equipment, pumps, fans and blowers, machine tools, power transmission products, agricultural applications, treadmills, data processing, medical, textile, packaging, graphic arts, woodworking and a host of other industrial and commercial products.

To maintain their leadership position as a quality, cost-effective manufacturer, they have made many changes in their plants over the past years. These include highly automated computer aided machine tools and winding equipment, revisions to the manufacturing process to minimize material handling and deployment of manufacturing space to achieve higher efficiencies and productivity for our increasingly diverse product line.

For more information about LEESON Motors and their product offerings, contact your Winkle sales representative or visit our website at www.winkle.com.



DATA-LINC GROUP

Data-Linc Group industrial modems offer unsurpassed communication, great connectivity and unparalleled reliability between PLC, PC and RTU applications—even in extreme environments. From water/wastewater and oil/gas to industrial automation, Data-Linc Group's products have you covered.

Their commitment to providing performance-oriented, high-quality data communications equipment translates to the best possible products and support. Data-Linc Group works closely with Winkle Electric to ensure compatible and high-performance systems. All Data-Linc products offer superior, field-proven performance that is backed by industrial grade support.

Data-Linc Group manufactures the broadest line of high-performance, industrial modems for a wide range of data communication solutions including:

- Wireless serial and Ethernet radio modems
- Dial-up/leased line and frequency shift key (FSK) modems
- Special purpose modems
- Fiber optic modems
- Power line carrier modems

Data-Linc Group offers quality products backed by industrial-grade support and offers state-of-the-art data communication technology and easy and convenient installation. Their responsive technical support extends both before and after the sale. From design to implementation, Data-Linc Group offers system solutions.

Data-Linc Group is a comprehensive source for industrial modems, peripherals and data communication systems for industrial automation, PLC, SCADA, instrumentation and other unique applications. Data-Linc Group and Winkle Electric make data communication easy.

ROCKWELL AUTOMATION INTEGRATED ARCHITECTURE TOOLS

The EtherNet/IP Performance Prediction Tool from Rockwell Automation helps with the initial layout of your EtherNet/IP network by calculating resources (connections, packets per second) used by a proposed network. You can choose icons to indicate the type and number of nodes on the network, along with associated parameters such as Update Rate desired. The tool then calculates the resources used and what resources are still available. This format makes it easy to try different configurations/parameters and see how the outcome is affected.

To keep the Ethernet/IP Performance Prediction Tool up-to-date, software continuously checks the internet for updates to the tool. Please visit <http://www.rockwellautomation.com/solutions/integratedarchitecture/resources3.html> for additional information or software updates.

To learn more about Integrated Architecture Tools from Rockwell Automation, please contact your Winkle sales representative or visit www.winkle.com.

EVENTS CALENDAR

Mark your calendars for these seminars and courses! They are a great way to learn the latest skills and techniques in the industry. You can easily register for any of these courses by contacting Joy Russell (Youngstown location) at (330) 744-5303 or Lois Fetterman (Erie location) at (814) 838-1900.

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

CCP146 CONTROLLOGIX SYSTEM FUNDAMENTALS

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

October 7 - 8, 2008 • 8:30 a.m. - 4:30 p.m.
Winkle Electric Co. Training Center - Erie

CCP51 CONTROLLOGIX LADDER LOGIX

This course is for those who are responsible for troubleshooting and maintaining SLC500 systems using RSLogix 500 software.

October 9 - 10, 2008 • 8:30 a.m. - 4:30 p.m.
Winkle Electric Co. Training Center - Erie

CCP299 CONTROLLOGIX FUNDAMENTALS & TROUBLESHOOTING

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

October 13 - 17, 2008 • 8:30 a.m. - 4:30 p.m.
Winkle Electric Co. Training Center - Youngstown

CCP122 SLC500/PLC FUNDAMENTALS

This course paves the way for those seeking success with programmable controller systems and teaches the basics of SLC500 systems.

November 5 - 6, 2008 • 8:30 a.m. - 4:30 p.m.
Winkle Electric Co. Training Center - Erie

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 below article*)

CCP164 DEVICENET/RSNETWORX CONFIGURATION AND TROUBLESHOOTING

This course prepares students to successfully design and configure an efficient DeviceNet network using components for the ControlLogix platform.

December 9 - 11, 2008 • 8:30 a.m. - 4:30 p.m.
Winkle Electric Co. Training Center - Youngstown

2008 AUTOMATION FAIR

Whatever your job description, company type or industry, you will be exposed to information at this year's Automation Fair that will help you become a more valuable employee and increase your company's productivity. 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
- Wednesday, November 19 admission to Automation Fair at the Opryland Convention Center; hotel transportation runs to and from the complex throughout the day
- Wednesday evening dinner at the Aquarium Restaurant at the nearby Opry Mills Mall
- Thursday, November 20 admission to day two of 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 Nashville to the airport for 7:30 p.m. flight, arriving at Cleveland Airport at 9:55 p.m.

To make your reservation, call Lois Fetterman or Joy Russell, or you can register online at www.winkle.com.

