



WINKLE ELECTRIC COMPANY INC.

January/February 2008

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New Product offerings by Rockwell Automation

Rockwell Automation has recently added a number of new signal products to its ever-expanding product offering. Here are some of the newest products that were added to Rockwell Automation's extensive product line at the end of 2007.

855B 90mm LED Beacons

This is the newest addition to the industrial round beacon line. These LEDs consume low amounts of power and offer the longest life at about 100,000 hours. Beacons are available in single-color (selectable, steady or flashing), three-color and strobe.



855F 70mm Compact Tower Lights

The new line of compact towers is ideal for those who typically purchase 10 or more tower lights. Complementing the 855D 30mm line, these tower lights provide an exceptional value, reducing assembly and wiring time by shipping pre-wired and pre-assembled. They are available in six colors and sounder modules are available in pulsing, steady and dual-circuit versions.



855X Hazardous Location Signaling Devices

Based on the line of Allen-Bradley general-purpose industrial electronic alarms, this new line offers the latest in electronic circuit design, providing unparalleled performance and reliability.



The new product offering includes electronic horns, xenon strobe beacons, public address loudspeakers and combined horn and strobe beacon units.

For more information about Rockwell Automation's new signaling products contact your Winkle representative.

Employee Service Recognition

Winkle Electric would like to extend sincere congratulations to the following employees. They were recognized at our annual Christmas party for many dedicated years in service at Winkle Electric. Thank you and congratulations!



5 Years of Service

Laurel Phillips

Brian Vennetti

Mark Dickey

Scott Kennemuth

Mark Krasinski

Lisa Pratt

Ed Ryan

Dave Zimmerman

10 Years of Service

Bob Carson

upcoming events

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

CCP122 PLC-5/SLC 500 and RSLogix Fundamentals

This course paves the way for individuals 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.

March 25-26, 2008

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

April 15-16, 2008

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

CCPS43 SLC 500 and RSLogix 500 Maintenance and Troubleshooting

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.

April 22-25, 2008

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

REO523 AutoMax Programming Fundamentals

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.

April 29-May 2, 2008

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

Rockwell Automation's AUTOMATION FAIR 2008

This is the premier industry event focusing on automation products, integrated control and information architecture, value-added services and solutions.

November 19-20, 2008

Gaylord Opryland Complex
Nashville, Tennessee

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!

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.

February 12-13, 2008

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

Winkle Electric Co. Training Center
Youngstown, Ohio

CCP151 RSLogix 5000 Basic Ladder Logic Programming

A crucial course for any programmers seeking practical experience with controllers, programming or modifying Logix5000 controllers using RSLogix 5000 software and drafting ladder logic.

February 14-15, 2008

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

Winkle Electric Co. Training Center
Youngstown, Ohio

CCV204 FactoryTalk View ME and PanelView Plus Programming

This is a course that provides the skills necessary to develop FactoryTalk View ME applications on PanelView Plus terminals.

March 4-7, 2008

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

Winkle Electric Co. Training Center
Youngstown, Ohio

Rockwell "Complete Automation On the Move"

The event will feature hands-on labs, tech sessions, professional development hours (credit eligible), partner exhibits and a showcase of Rockwell Automation products. Best of all... *On the Move* is free!

March 18-19, 2008

Cleveland, Ohio

CCV205-LD FactoryTalk View SE Architecture

This course is ideal for those who need to move a distributed FactoryTalk View SE application from an engineering environment to the plant floor.

March 25-26, 2008

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

Winkle Electric Co. Training Center
Youngstown, Ohio

featured products

Hoffman

Modification Services

Hoffman makes a standard enclosure for virtually every type of application. But when standard enclosures don't meet your needs, they offer a full selection of UL and CSA-certified modification options. These options are tailored for each product family, from large industrial units and PRO LINE® Modular Enclosures to corrosion-resistant and wall-mount enclosures. You can easily add holes, cutouts, window kits, louvers and thermal management systems. There are over 100 different paint finishes to choose from and sizes can be easily customized.



Hoffman's enclosures are built-to-order and always delivered on time. To produce consistently high-quality results, their production facilities use the most advanced technology including CAD/CAM system, flexible manufacturing cells and state-of-the-art fabrication and painting equipment.

Contact your Winkle representative for more information about Modification Services offered by Hoffman.



Cooper Wiring Devices

Industrial Wiring Devices

Innovation distinguishes Cooper's products from the products you may be used to. Their philosophy defines their approach to product design and development and they are always working toward better, stronger and more reliable products.

Cooper's industrial specification grade products give you diversity, additional features, better quality and more attention to detail in the products that you need the most. They manufacture more than 700 locking devices in 10A, 15A, 20A, 30A, 50A and 60A ratings. That includes conventional and California Standard styles, as well as watertight, insulated, isolated ground, corrosion-resistant and midget products. Sophisticated systems employed at high-volume, state-of-the-art manufacturing plants around the world ensure consistently excellent quality.

Industrial wiring devices by Cooper meet and exceed UL requirements and are continuously verified in their proprietary, UL-sanctioned testing facilities. All of their products are backed by a limited 10-year warranty.

Contact your Winkle representative to learn more about Industrial Wiring Devices by Cooper Wiring Devices.

Rockwell Automation

Solid-State Flow Sensors

Rockwell Automation and Winkle Electric have effectively addressed the ever-changing needs of industrial control by offering a constantly evolving range of products aimed at enhancing customer success.

That tradition continues with the introduction of an all new line of solid-state flow switches. Allen-Bradley solid-state sensing devices are designed to produce high-quality results in a variety of rugged environments. The flexibility of switch configuration and mounting options make the 839E suitable for a wide range of applications including harsh chemical washdown, pump protection and water/wastewater.

The solid-state flow sensor is microprocessor-based with no moving parts. This translates to a longer life, a higher degree of accuracy and less downtime. Its unique housing design and invertible display allow the sensor to be rotated for ease of wiring and optimal viewing of the LCD display.

Visit our website www.winkle.com or contact your Winkle representative for additional details about Solid-State Flow Sensors from Rockwell Automation.



featured products

Siemens Small Projects

Siemens Power Equipment Expedited Delivery, or S.P.E.E.D., means no more waiting for equipment to ship and no scheduling delays. Just reliable Siemens products, where you need them, when you need them. Together with Winkle Electric, S.P.E.E.D. turns your construction projects around on time and on budget with the industry's best power distribution equipment from Siemens.

Whether you're working on a restaurant, gas station, retail store or renovation project, no matter how short the bid life cycle, Winkle can provide a reliable supply of the quality electrical products you need, paired with technical expertise and faster quotes.

With S.P.E.E.D., you get improved technical service and support, reliable performance, bigger profits and a faster time to market when you purchase qualifying Siemens products, including Lighting and Power Distribution Panelboards (pictured at right), Dry Type Transformers, Safety Switches and more.

Contact your Winkle Electric representative to learn which products qualify for Siemens Power Equipment Expedited Delivery, and put your small construction projects on the fast track to completion.



Rockwell Automation MP-Series Integrated Linear Stages

The design, building and integration of linear stage actuators can be complex, time-consuming and expensive. The MP-Series Integrated Linear Stages by Rockwell Automation dramatically reduce the cost and work required to implement linear stages in your machine. Tight integration with Allen-Bradley Logix control systems makes the MP-Series Integrated Linear Stages easy to incorporate. You can now select linear stage actuators based on the performance required by the application without concern about the internal construction of the linear stage or how it will interface with the control system.

Because MP-Series Integrated Linear Stages are part of the MP-Series servo motor and actuator family, they have the reliability you have come to expect from Rockwell. They are also compatible with the Kinetix 2000, Kinetix 6000 and UltraTM3000 servo drives, as well as all MP-Series™ cables and accessories. Some advantages include:

- Integrated linear stage-type actuator eliminates separate adapters, belts and gears, as well as assembly labor.
- Direct drive linear motor versions provide very high speeds (up to 5 meters/second) and reduced settling time. They also have a very long operational life since there are fewer moving parts.
- Ballscrew driven versions provide high forces with absolute multiturn feedback to eliminate time-consuming homing routines.
- 150 mm, 200 mm and 250 mm frame sizes available for 230 and 460-Volt operation with stroke lengths up to 2 meters.
- Home-to-hard-stop operation with software over-travel limits eliminates the need for cumbersome external limit switches.

Contact your Winkle representative to find out more about this or any Rockwell Automation product.

manufacturer profile

Bishop-Wisecarver

Bishop-Wisecarver is a family-owned manufacturing company specializing in guide wheels and guided motion technologies.

Their product line includes components, linear guides, linear systems, rotary guides and systems and aluminum machine framing. Stainless steel, high temperature and clean room compatible products are among Bishop-Wisecarver's more recent product introductions. The more popular product offerings include DualVee, LoPro, UtiliTrak and GV3. New product development continues to be an ongoing process at the Bishop-Wisecarver Corporation, with innovative designs introduced regularly.

Since the invention of their ground-breaking DualVee guide wheel technology, Bishop-Wisecarver has pioneered linear motion systems that offer "Motion without limits." Available for linear, rotary or curved track applications, their rugged yet cost-effective linear actuators and other guided linear motion systems provide advantages which are unmatched by other technologies.

Bishop-Wisecarver offers more guide-wheel based solutions than any other company. Whether off-the-shelf or custom-built to suit your application, Bishop-Wisecarver is your single source for linear actuators and linear motion systems.