

Winkle

WINKLE ELECTRIC COMPANY INC.

January/February 2009

Current EVENTS

NEW PRODUCTS

PANDUIT CABLE TIES

Panduit provides comprehensive bundling solutions and cable ties that are available in a wide range of sizes, styles and materials made for fastening, bundling, clamping and identifying in a



variety of applications throughout the physical infrastructure. All cable ties are designed and manufactured to meet or exceed industry standards and deliver maximum reliability. As part of the bundling solution, Panduit provides a broad range of cable tie installation tools to optimize safety and speed, contributing to lower total cost of ownership.

For additional details about Panduit Cable Ties, please contact your Winkle Electric representative or visit www.winkle.com.

BRADCOMMUNICATIONS™ eNetMeter™ FOR DEVICENET

BradCommunications eNetMeter™ for DeviceNet is a passive device that continuously monitors a DeviceNet network and sends the information over Ethernet to a PLC or PC monitoring system. Information collected can be read directly by an EtherNet/IP™ master or data can be accessed through BradCommunications NetAlytix™ software, a DLL interface or an OPC server.



eNetMeter DN provides accurate measurements of the network parameters using high-speed sampling. By comparing baseline measurements, it can predict imminent failures in devices. Steps can then be taken to repair the system prior to any downtime if an OPC status tag is found to be outside acceptable limits.

eNetMeter DN can be used to diagnose current faults on a non-functioning network through the measurement of hundreds of network parameters. This can minimize downtime by pinpointing the node or location of the fault. The eNetMeter DN can store analysis information for future analysis. This is useful for companies involved with batching applications.

If a problem occurs with a specific batch, the historical data can be viewed to see if any network problems occurred during the same time frame. This allows the company to then make any necessary adjustments to prevent reoccurrences from happening in the future.

To learn more about BradCommunications and the eNetMeter for DeviceNet, please contact your Winkle sales representative.

In This Issue

Calendar of Events

Featured Products...

- PANDUIT Cable Ties
- BradCommunications eNetMeter™
- Veolia Environmental Services Lamp and Ballast Recycling
- Ferraz Shawmut ULTRASAFE Fuse Modules
- Rockwell Automation MatGuard
- Omnicable Alpha Wire Industrial Series
- Need for Speed 2009
- PW Industries Cable Tray Systems

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.

CCP146 RSLogix 5000 LEVEL 1: CONTROLLOGIX SYSTEM FUNDAMENTALS

This course will assist you in developing and building a solid foundation with a fundamental knowledge of ControlLogix and other Logix5000 systems. Individuals who have little or no experience with Logix5000 systems or other programmable controllers should attend this course that teaches basic skills.

February 10 - 11, 2009

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

Winkle Electric Co. Training Center
Youngstown, Ohio

INTEGRATED ARCHITECTURE ON TOUR AT WINKLE ELECTRIC CO.

This is a hands-on course that provides a basic understanding and explores the benefits of Integrated Architecture. This course will help you meet challenging objectives by offering hands-on labs to help you drive regulatory compliance, reduce time to market, reduce engineering time and more.

February 12, 2009

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

CCP51 RSLogix 5000 LEVEL 2: CONTROLLOGIX LADDER LOGIX

This course is a skill-building course that provides a basic understanding of RSLogix 5000 ladder logic instructions and terminology. This course is for those who have little or no experience with controllers, and are responsible for programming Logix5000 controllers using RSLogix 5000 software.

February 12 - 13, 2009

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 skill-building course that provides an understanding of the skills necessary to develop FactoryTalk View ME applications. This course provides hands-on opportunities to learn the skills and work with the software that is required to prepare a terminal for operation.

March 3 - 6, 2009

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

Winkle Electric Co. Training Center
Youngstown, Ohio

CCP122 SLC500/PLC FUNDAMENTALS

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

March 10 - 11, 2009

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

Winkle Electric Co. Training Center
Youngstown, Ohio

April 7 - 8, 2009

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

CCP299 RSLogix 5000 LEVEL 1: CONTROLLOGIX FUNDAMENTALS & TROUBLESHOOTING

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

March 23 - 27, 2009

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

Winkle Electric Co. Training Center
Youngstown, Ohio

CCP153 RSLogix 5000 LEVEL 3: CONTROLLOGIX MAINTENANCE AND TROUBLESHOOTING

This course provides you with the necessary resources and hands-on practice to efficiently troubleshoot a previously operational ControlLogix or other Logix5000 system. This course will add to your skill set by introducing new tasks such as connecting to a network, interpreting project execution, editing ladder logic online and more.

March 31 - April 3, 2009

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

CCPS43 SLC500 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 21 - April 24, 2009

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

Winkle Electric Co. Training Center
Youngstown, Ohio

FERRAZ SHAWMUT ULTRASAFE™ FUSE MODULES

Ferraz Shawmut ULTRASAFE™ Fuse Modules have a unique, compact design suited for use with 45mm wide IEC contactors. These modules offer features not found on other Class CC and midjet ultrasafe fuse holders, such as an auxiliary contact option. When the auxiliary is wired to an adjacent contactor, the load is dropped out by the contactor immediately once someone tries to open the fuse extractor handle. The fuse module features padlock capabilities, compact busbars for line side terminations and tool free removal from DIN rail. Fuse modules incorporate well known ULTRASAFE features such as IP20 protection, easy operating fuse extraction handles and an open fuse visual indication option.



Other features include:

- Dedicated 3-pole fuse module
- Auxiliary contact option
- Ability to padlock in open position
- DIN rail mount with tool-free removal
- Finger safe
- Quick, easy fuse change
- Optional indicator lights

For additional product details about Ferraz Shawmut's ULTRASAFE Fuse Modules, contact your Winkle representative.

ROCKWELL AUTOMATION

MATGUARD™ PRESSURE-SENSITIVE SAFETY MATS



The MatGuard safety mat by Rockwell Automation is a pressure sensitive safeguarding product that is designed to detect the presence of people on its sensing surface.

The MatGuard safety mat is constructed with two hardened steel plates that are held apart by nonconductive compressible separators. Each mat operates on only 24V DC and is pre-wired and connected in series with other mats to form a floor level guarding system for hazardous areas. The circuit through the mat is monitored by the MatGuard Control Unit which provides a signal to the machine control circuit when the area is clear.

When a mat is stepped on, the conductive plates touch and the resistance in the circuit falls to zero. This is monitored by the control unit, which sends a shutdown signal to the machine. Since the MatGuard safety mat is completely sealed (IP67), water, liquids and coolants present no problem. In addition, the tough vinyl will resist bleaches, acids, salts and many industrial chemicals. The unique molding process ensures the long life and reliability of the mat.

Keep your associates safe by using these protective floor mats. To learn more about Rockwell Automation's MatGuard Pressure-Sensitive Safety Mats, please call your Winkle sales representative.

OMNICABLE ALPHA WIRE INDUSTRIAL SERIES

Alpha Wire's Series V VFD Cables deliver superior performance and extended life for sophisticated drive systems.

Series V cables provide unparalleled performance and provide easy installation, security and water resistance. Alpha Wire Industrial Series' enhanced design VFD cables are easy to install and built to combat the continuous dielectric stresses that cause cables to fail.



Specially formulated cross-linked polyethylene insulated conductors improve performance and deliver pulsed width modulation and low capacitance properties that ensure system performance. Series V cables will not degrade under heavy electrical load and easily cope with voltage irregularities such as harmonics, corona discharges and power distortion. Series V shielding system helps contain EMI by preventing extraneous noise currents from polluting the environment in immediate proximity or other control circuits in common trays or conduits.

For more information about Alpha Wire Industrial Series, contact your Winkle representative or visit www.winkle.com.

NEED FOR SPEED

Get plugged into NASCAR with Winkle Electric! Join us in Charlotte, North Carolina for the *2009 Dollar General 300 and the Bank of America 500*. This trip is limited to the first 30 Race Ready VIP Customers. Qualifying customers will receive:

- Round trip transportation on private motor coach, including food and beverage, departing October 15 and returning October 18
- 3 nights in a private room at the Holiday Inn Express, Concord, NC
- All ground transportation
- Welcome party Thursday night at Concord Hooters
- Optional golf Friday and Saturday mornings at Rocky River Golf Club
- Optional Lake Norman fishing expedition on Saturday morning
- Pool party Saturday morning
- Fourth Turn Terrace Box seats for both races
- Closed circuit televisions
- Pre-race pit access
- Open buffet dinner

65TH ANNIVERSARY 1944-2009

Congratulations to the team of Winkle Electric on celebrating the 65th anniversary of the company this year. Founded in 1944 by brothers Vic and Jack Winkle, the company has done nothing but grow with much success. The company expanded its single branch office when a distribution center and a sales office, both in Pennsylvania, were added in 2002. Even through the changes the company has undergone over the years, the one thing that remains the same are the basic principles on which the company was founded. These principles will ensure the future success of Winkle Electric. Look for much more to come about our 65th anniversary.

Get Green with Winkle! VEOLIA ENVIRONMENTAL SERVICES LAMP AND BALLAST RECYCLING

Winkle Electric realizes the importance of protecting the environment and has teamed with Veolia Environmental Services in order to reduce our carbon footprint.

Veolia is one of the largest commercial recyclers of lamps and ballasts in the world and works with Winkle Electric to offer cost effective solutions for recycling. Lighting systems are more energy efficient and environmentally friendly than ever, but hazardous materials may be present in lighting waste and need to be disposed of properly. It is required that this waste be managed according to federal regulations.

Recycling reduces the potential for future liability as most lighting waste is regulated by the Federal Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), the Superfund Liability Laws and the Universal Waste Rule. These regulations require that hazardous waste must be properly identified, stored, transported, treated and disposed and that generators are financially responsible for cleaning up the effects of improper disposal.

Veolia can tailor a recycling program to fit your needs. Whether you have small volumes resulting from spot maintenance or larger volumes as a result of a re-lamp or retrofit project, they offer a solution. They recycle a variety of lamps and ballasts, including straight fluorescent lamps, high intensity discharge lamps, neon lamps, shatterproof and other lamps.

Veolia spent a great deal of time developing recycling solutions for large and small quantities of fluorescent lamps and ballasts. Veolia's turnkey recycling programs include packaging, transportation, tracking documents, waste processing and written documentation that details what materials were recycled in accordance with environmental regulations.

PW INDUSTRIES CABLE TRAY SYSTEMS

Since its founding more than 50 years ago, quality, performance and price have always defined PW's approach to cable and data tray manufacturing. Their products are offered in a wide variety of sizes, designs and finishes and all meet industry and load standards.

Cable tray is a bridge-like structure that carries electrical and data cables throughout a project. By using PW Industries cable tray systems, all types of wiring can be installed in an efficient, manageable and cost-effective way.

The National Electrical Manufacturers' Association (NEMA) sets standards governing metal and fiberglass cable tray construction, tests and installation. All PW cable tray systems meet or exceed NEMA standards.

PW Industries' Cable Trays include:

Ladder - used in applications with intermediate to long support spans

Trough - used in applications that generate moderate heat

Solid Bottom - typically used in applications that generate minimal heat

Channel - used for installations featuring small amounts of cable supported on short to medium spans

Single Rail Aluminum - for light-duty applications where quick installation is desired

Wire Mesh - low voltage, telecommunication and fiber optic cables supported on short spans