



WINKLE ELECTRIC COMPANY INC.

March/April 2009

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Need for Speed 2009

making a statement

winkle electric mission statement

Winkle Electric recently embarked on creating a company mission statement. As we approach our seventh decade in business—2009 marks over 65 years in business—we are adamant about sharing with both our customers and employees, the true purpose of our company. Our objective is that by clearly defining our mission, Winkle Electric will reaffirm the goals and values our company was originally built upon.

In our early years, our mission was simply to be an exceptional distributor of electrical parts, supplies and equipment. But much has changed. The economy. The marketplace. The needs of our customers. As a result, Winkle Electric has continued to evolve, but one thing has remained the same... our dedication to the success of our customers.

integrated services

electrical supply

high tech automation

custom control

our mission

TO BE AN INTEGRAL PART OF OUR CUSTOMERS' SUCCESS BY EXPERTLY MATCHING OUR DISTINCT COMPETENCIES WITH THEIR UNIQUE OPPORTUNITIES AND CHALLENGES.



featured products



ferraz shawmut fusible shunt trip

Ferraz Shawmut's engineered switches offer modular industrial control panels with a fusible shunt trip to allow you to disconnect remotely. There are many options to choose from that can be added to a single panel that will allow for optimal functionality.

Panels built for elevators feature control transformers (fusing both primary and secondary sides), a fire safety interface relay with a fire alarm voltage monitoring relay and mechanically interlocked auxiliary contacts.

Ferraz Shawmut's Amp-Trap 2000[®] AJT Class J fuses permit easy selectivity coordination, while providing the panel and its components with superior current limitation and the ability to withstand high fault conditions. No maintenance or periodic testing is necessary (as with other electromechanical overcurrent devices) with AJT fuses, which adds to the system reliability.

The switch provides high current limitation and short circuit withstand. The Fusible Shunt Trip has a handle that can be secured by a padlock, locking the device in the off position during servicing. It also allows for remote tripping of the main line power prior to the application of water elevator sprinkler systems.

Contact your Winkle sales representative to learn more about Ferraz Shawmut and Fusible Shunt trips.

rockwell automation safety light curtains

The new Allen-Bradley GuardMaster[®] GuardShield™ Safe 4 safety light curtains are equipped with an Integrated Laser Alignment System, which allows for effortless set-up and installation.

Like its standard GuardShield counterpart, the GuardShield Safe 4 safety light curtain is a self-contained, optically synchronized, two box safety light curtain. Available in both 14mm and 30mm resolutions, the GuardShield Safe 4 is offered in a number of protective heights, ranging from 120mm up to 1920mm in increments of 120mm.

The Integrated Laser Alignment system is comprised of two active laser elements located at the top and bottom. These visible laser beams are constantly powered but do not transmit light until a finger has touched the transmitting element. Simply touching the element after alignment is complete will turn off the visible alignment beams.

The GuardShield Safe 4 light curtains have basic on/off functionality making them an economical, cost-effective machine guarding solution when simple features is all that is required for the application. If additional options are necessary, the device can also be connected to the new MSR 42 multi-function safety module.

To learn more, please contact your Winkle Electric representative.



hoffman H₂OMIT™ condensation solution system

Condensation can result from many of the environments and applications enclosures are typically exposed to. Hoffman's H₂OMIT Condensation Solution System protects sensitive electrical and electronic equipment from moisture that accumulates inside an enclosure and could cause corrosion, rust, arcing and sparking, as well as shortened component life expectancy.

From low-tech but incomplete to high-tech but costly and often impractical, many methods exist to protect against condensation. Hoffman's H₂OMIT delivers a thermoelectric dehumidifier to continuously remove moisture from the air, paired with an innovative one-way vent drain that equalizes pressure, allowing accumulated moisture to exit while preventing contaminant entry with a mechanical shut-off. The combination of these two high-performance components delivers a complete and cost-effective solution that can be utilized in both indoor and outdoor applications.

For more information about Hoffman's H₂OMIT Condensation Solution System please contact your Winkle sales representative or visit www.winkle.com.



panduit panelmax™ din rail wiring duct

PanelMax DIN Rail Wiring Duct is an innovative wire management solution that maximizes space utilization within industrial enclosures, providing flexibility in panel layout, while reducing material and installation costs. The design raises components from the panel surface for easier access and faster connections. Three base sizes are compatible with common DIN rail and DIN mount components to satisfy a wide range of applications.

Its space saving design allows positioning of DIN rail and components directly above an integrated wire management channel for a footprint that's up to 30% smaller. The duct provides design flexibility and component access for easy installation and maintenance. The wiring system mounts directly to the wiring duct for quick and easy installation, decreasing your labor costs. It's also compatible with 35mm and 15mm DIN rail and many components for flexibility.

If you'd like additional information about Panduit's PanelMax DIN Rail Wiring Duct, please contact your Winkle sales representative or visit www.winkle.com.

siemens circuit breakers you can trust

According to the FBI and other authorities, counterfeit circuit breakers that look so much like the original that they will fool a buyer cost businesses close to \$250 billion annually in the U.S. The problem is especially troubling in residential and commercial construction markets, as electrical components like circuit breakers are among the easiest to fake.

Counterfeit circuit breakers pose serious safety and business issues beyond the economic impact. They put lives at risk. Fake parts can explode, ignite fires and lead to injury or even death. Safety standards aren't being met, and no warranties or guarantees back them up. And counterfeits can damage the integrity of your business. Buying or distributing fake products, even inadvertently, hurts your reputation and can leave you vulnerable to legal action.

Siemens and Winkle Electric are fighting back. We want to send a clear signal to the residential and industrial markets that we are serious about circuit breaker safety. Winkle Electric guarantees that the breakers we sell are reliable, inspected and authentic.

How can you spot a counterfeit? Experts say a number of indicators can tell you if a product is counterfeit. Look for these suspicious characteristics:

- There are no instructions, warnings or warranties with the product
- Markings and other features on the packaging or the product look different or are missing
 - Missing certification marks
 - Incorrect colors on labels or packaging
 - Incorrect shape or design of the product
 - Missing components or product features
- Words on the product or package are misspelled and price is unusually low
- The country of origin is different from the genuine source
- The manufacturing locations or ports of entry are incorrect

To learn more about counterfeit circuit breakers, contact your Winkle sales representative.

need for speed 2009 ●●●●●

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:

Please call your Winkle sales representative to find out how to qualify for *Need for Speed*.

events ●●●●●

CCP153 RSLogix 5000 Level 3: ControlLogix Maintenance and Troubleshooting

This course provides you with the necessary resources to troubleshoot a previously operational ControlLogix or other Logix5000 system. It will introduce tasks such as connecting to a network, interpreting project execution and editing ladder logic online.

March 31 - April 3, 2009

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

Winkle Electric Co. Training Center
Erie, Pennsylvania

CCP122 SLC500/PLC Fundamentals

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

April 7 - 8, 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 SLC500 systems using RSLogix 500 software. Get experience in interpreting, isolating and diagnosing problems.

April 21 - April 24, 2009

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

Winkle Electric Co. Training Center
Youngstown, Ohio

Rockwell Automation 2009 Automation Fair

November 11 - 12, 2009

Anaheim, California

More information to come.