

THE Electrical Connection

September 2011

Charlotte, NC • Gastonia, NC
Greenville, SC • Spartanburg, SC



McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving The Carolina Electrical
Community for 100 Years and Counting!

Achieving Secure, Remote Access to Plant-Floor Applications and Data

To increase the flexibility and efficiency of production operations, manufacturers are adopting open networking standards for their industrial automation and control systems. Among the key benefits of open-standard networks is the ability to remotely access automation systems and share plant data, applications, and resources with engineering personnel and external partners, regardless of physical location. This flexibility is becoming even more critical in today's manufacturing environment, as increasing globalization and a shrinking skilled workforce make it very challenging to share information and quickly respond to production issues. This white paper outlines the means to enable highly secure remote access to plant-based applications and data.



Energy-efficient, Environmentally Friendly Air Conditioners Featuring a Filterless Design

Hoffman's SPECTRACOO™ Air Conditioners Offer a Broad Range of Cooling Capacities, Power Input and Mounting Options



Pentair Technical Products McLean brand SPECTRACOO™ Air Conditioners deliver vital enclosure cooling for indoor and outdoor applications. Featuring a new, filterless design, these air conditioners reduce clogging, which can lead to a very costly and time-consuming system failure. Also providing labor and money savings typically required for filter replacements, SPECTRACOO™ Air Conditioners are superior, energy-efficient solutions for cooling critical electronics and keeping your business running.

Designed to meet a broad range of application requirements, the enhanced air conditioners now feature a dust resistant coil, supporting filterless operation in most environments. The SPECTRACOO™ Air Conditioner family has expanded to include a broader range of cooling capacities, power inputs and options. Models now provide 4,000; 6,000; 8,000; 12,000 and 20,000 BTUs/hr of cooling and operate on 115, 230 or 400/460V 3-phase AC power input.

Upcoming Training

- September 20:** Introduction to PLCs - Charlotte, NC
- September 21:** SLC & MicroLogix Introduction - Charlotte, NC
- September 27:** EtherNet/IP Design and Troubleshooting - Charlotte, NC
- October 25:** ControlLogix & CompactLogix Introduction - Greenville, SC
- October 26:** Ethernet-TCP/IP for PLC Technicians - Greenville, SC
- November 16 & 17:** 2011 Rockwell Automation Fair - Chicago, IL

For more information please
visit our website
or contact
Becky Walters
(864) 574-0350 or
(800) 537-4855

Get Control of Your Inventory and Costs

Fuse Control™ from Mersen

Mersen's Fuse Control™ program is a powerful combination of circuit protection products and services designed to help you get control of your plant inventory, operating costs, code compliance and workplace safety. Developed by Mersen and refined through extensive field research, Fuse Control is a simple program that packs a lot of muscle. It will give you the edge you need to mitigate arc flash hazards, achieve code compliance, reduce inventory by 25% or more and offer the highest grade overcurrent protection available. Get Fuse Control and you'll: Improve workplace safety, Achieve electrical code compliance, Reduce downtime associated with electrical failures, Streamline inventory as much as 25% or more and Decrease operating costs.



How can one program deliver such benefits? It's easy! Let the fuses do the work. The key lies in consolidating your current inventory and installed overcurrent protective devices to one fuse line - Mersen's innovative Amp-Trap 2000® fuse family. Amp-Trap 2000 fuses out-perform the traditional fuse, opening in less than one-quarter cycle at fault currents up to 300kA, and minimize the let-through currents and energies that flow downstream during faults.

Automation Fair 2011

The Industry's Premier Event for Manufacturing Decision Makers

If you are like most professionals, you believe in continuous improvement for your company and for yourself.

That's what you'll find at this year's Automation Fair in Chicago on November 16th and 17th, 2011. Whether you're focused on a machine, a sell, a process line or an entire plant Rockwell Automation has something for you. See smart, safe sustainable solutions that can help optimize production and drive competitive advantage. There are no registration costs or tuition fees. Ask your management to send you to this year's 20th Anniversary of Automation Fair and take advantage of McNaughton-McKay's convenient and cost effective travel packages. Registration is now open:

www.afair.mc-mc.com/overview



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