

THE Electrical Connection

July 2011

Carrollton • Cartersville
Covington • Norcross



McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving The Georgia Electrical
Community for 100 Years and Counting!

Leading the World in Cable Protection Systems - PMA

Modern cable protection today guarantees fault free operation of safety and power supply systems. More and more frequently polyamide cable protection systems are used to ensure reliability and long system life while saving time and cost in assembly. Polyamide conduits and accessories have successfully won recognition in many applications.



In the field of automation, there is a need for products that can withstand the stress of motion-intensive applications. Solutions developed by PMA for the automation industry fully meet these requirements. Special conduit designs, supports and abrasion protection sleeves provide optimal protection along the entire length of all moving elements, enabling engineers to achieve a massive reduction in torsional forces.

Wherever there is a need for cable protection, the PMA product portfolio provides safe, dependable, forward-looking solutions or will develop them specially for you to meet your individual needs.

WELCOME TO THE NEXT GENERATION OF SAFETY RELAYS

The new family of Allen-Bradley Guardmaster Safety Relays from Rockwell Automation includes six units capable of monitoring a broad range of safety devices in a variety of applications. These six units can achieve most of the functions safety systems require, helping simplify purchasing and parts management. The family is designed to meet new functional safety standards, such as EN ISO 13849-1 or IEC / EN 62061 and offers key functions to simplify installation and system complexity.



Simple logic functions

Flexible "AND / OR" logic can be configured simply in a single relay or through a combination of relays via single wire connection. Commissioning a global e-stop is a much easier process.

Upcoming Training

- August 1:** Microsoft Server for Factory Talk Introduction - Alpharetta, GA
- August 9:** FactoryTalk Batch Phase Design - Alpharetta, GA
- August 16:** FactoryTalk Metrics with Historian Classic Configuration - Alpharetta, GA
- August 25:** Tools for Reliability - Norcross, GA
- August 30:** Ultra3000 Programming - Alpharetta, GA

Click on the course listings for detailed information and to register or for more information on upcoming training classes please visit our website
www.mc-mc.com

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Safety First with Hubbell

*The Safety of People
and Equipment Matter
Most*



Hubbell believes that every employee has the right to a safe working environment. Not only is safety the key to allowing people to be confident and secure in their jobs, it is also critical to enhancing productivity, reducing downtime and avoiding significant accident expenses – all of which leads to sustainability and a lower Total Cost of Ownership (TCO).

Potential safety hazards exist in almost every workplace environment – from open office areas and factory floors, to construction sites and retail spaces. That's why all employers are required to comply with strict safety codes and regulations. Many businesses pride themselves on the number of accident-free days, which is achieved through established formal safety programs that include training, ongoing safety evaluations and documentation.

Hubbell is committed to helping their customers maintain a safe workplace environment. Since introducing the first safety receptacle that set the industry standard, Hubbell has always been focused on safety. That's why Hubbell products are designed and developed to first provide maximum safety against injury and the potential dangers of electricity.

SolaHD Helps Reduce Your Energy Consumption

In today's world, energy demand costs have a significant impact on your company's bottom line. To be a well-informed energy consumer, you must know how much power you use, what your major loads are, when you use electric power the most, and how much you pay for it. It is also important to understand the quality of the power you use.



Power management systems determine ways to conserve power, control escalating energy bills, allocate energy costs, and reduce maintenance/repair costs. Systems identify poor power quality, correct billing errors, and reduce peak usage surcharges. You can achieve competitive advantages through operating cost efficiencies gained from reducing energy consumption and extending equipment life. SolaHD can help you achieve optimal performance.

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