

THE Electrical Connection

February 2012

Carrollton • Cartersville
Covington • Norcross



McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving The Georgia Electrical
Community for 100 Years and Counting!

Rockwell Automation Industrial Radio Frequency Identification (RFID)

High-Frequency 13.56 MHz ICODE RFID with EtherNet/IP Interface



Industrial Radio Frequency Identification (RFID) systems are a rugged and reliable way to track and document products as they move through the manufacturing process. Unlike the bar code systems used for similar, less demanding applications, industrial RFID systems are designed to withstand harsh environments. Plus, reusable read/write tags allow for flexibility in information and application. ISO 15693 ICODE is an open standard for high-frequency 13.56 MHz RFID. ICODE Tags are lower cost and available from multiple manufacturers in many different styles, physical sizes and memory sizes to fit most applications.

Hoffman's WEATHERFLO® HD

Rugged protection and integrated cooling for up to 500 HP VFDs.



Ensure sustained operation of your heavy-duty variable frequency drives (VFDs) in harsh outdoor environments with the Hoffman WEATHERFLO® HD solution from Pentair Technical Products. Forget the hassle of designing a custom solution to house VFDs, adding cooling and hoping the solution will withstand precipitation, debris, animals and more. WEATHERFLO HD is the first comprehensive solution designed specifically to house VFDs in extreme environments—from irrigation pumps to HVAC and general industrial drives.

Featuring shielded impellers to keep dust out of bearings, stainless steel mesh screens on the top and base to keep out animals and debris, and robust aluminum construction, WEATHERFLO HD withstands elements—in the short and long term. Designed for simple installation. Engineered for robust protection and minimal maintenance. Feature rich and tested to the extreme in Hoffman's UL certified test lab. WEATHERFLO HD offers the most complete assembled solution for meeting the demands of heavy-duty VFDs in challenging applications across the globe.

Upcoming Training

- February 7 & 8:** Growing Solar in Georgia - Norcross, GA
- February 23:** Thermal IR & Vibration Seminar - Norcross, GA
- March 22:** ControlLogix & CompactLogix Introduction - Norcross, GA
- March 23:** EtherNet-TCP/IP for PLC Technicians - Norcross, GA
- March 26-29:** Fluke Level 1 Infrared - Norcross, GA
- March 27:** FactoryTalk AssetCentre Configuration - 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

Contact Sonya Minor
770-825-8628

Solar PV Canopies with Charging Stations

Power Generating Architectural Net Zero Energy Solutions



Duo-Gard Industries is an industry leader and innovator with over 27 years of architectural canopy experience. They provide a turnkey solution to providing solar PV canopies with charging station options. Their services include in-house design, engineering, fabrication and installation services across the United States. Their solar canopies are net zero and beyond. Not only can they produce energy to charge vehicles and light your canopy, they produce energy that you can store and use for your facility, offsetting your utility bills and reducing your carbon footprint. They have developed two standard solar PV canopy models to expedite specifying, ordering and procuring your station. Our standard models feature a modular design so it is easy to plan & to grow.

2 standard models. 4 options. That's it. Easy, straight forward, yet comprehensive.

Dynics Industrial Solutions

*Build What You Want...
Get What You Need*

Dynics offers a comprehensive line of large format LCD industrial signage products - the products are focused on providing high quality hardware in flexible product lines with custom integration.



Specifically, the LX Series is a cost effective system in an industrial, rugged steel enclosure with an industrial grade monitor for 24/7 runtime applications. The LX features a single or double-sided solution with heavy-duty eyebolts for ceiling mounting, a protective front lens, an embedded Intel or AMD Fusion iPC (or monitor only option), along with high performance/industrial power supplies and Solid State drives.

Dynics strives to meet customer's applications with reliable and durable products.

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