

# THE Electrical Connection

February 2012

Columbus • Defiance • Findlay  
Hebron • Mansfield • Toledo

**McNAUGHTON-McKAY**  
ELECTRIC COMPANY

Serving The Ohio Electrical  
Community for 100 Years and Counting!

## SensaGuard™ CAT4 Non-Contact Safety Switches

When it comes to machine safety, Rockwell Automation® knows that protection of personnel and equipment is your main concern. At the same time, flexibility and productivity are points that must also be considered as you design your safety system. Optimize all of these with the new Allen-Bradley® SensaGuard family of non-contact switches.



SensaGuard non-contact safety switches are Category 4 /SIL 3 rated switches per EN954-1, TÜV functional safety approved to IEC61508. Featuring the latest generation of RFID technology for coding and inductive technology for sensing, SensaGuard large sensing range and tolerance to misalignment is a cost-effective solution that is ideally suited for a wide range of industrial safety applications. Switches can be connected to a standard safety relay, for example, the MSR126, MSR127, MSR200/300 Family, SmartGuard™ and Safety I/O Blocks.

## Unmarked Pipes Mean Danger

Numerous injuries have occurred through ignorance of pipe contents, particularly when outside agencies are called in under emergency conditions. Clearly marked pipes let workers trace process problems and find solutions faster. Brady's pipe and valve marking solutions help satisfy safety and ASME (ANSI) standards. With Brady, you can easily identify pipe content and flow direction with self-sticking labels, valve tags and other high-performance pipe markers that ultimately keep your facility safe and compliant. Brady provides a wide range of pipe markers made of materials that match your needs; indoors, outdoors, in harsh environments or light duty applications, Brady has you covered.



“Pipes are defined as conduits for the transport of gases, liquids, semi-liquids or fine particulate dust. The ASME (ANSI) Standard for pipe identification is a widely used guideline in determining pipe identification requirements. The purpose of the standard is to “assist in identification of hazardous materials conveyed in piping systems and their hazards when released into the environment.”

## Upcoming Events & Training

- February 21 - 22:** RSLogix 5000 Level 1: ControlLogix System Fundamentals - Toledo, OH
- February 23 - 24:** RSLogix 5000 Level 2: Basic Ladder Logic Programming - Toledo, OH
- February 28 - March 2:** ControlLogix Maintenance & Troubleshooting - Columbus, OH
- March 26:** RSLogix 5000 Level 1: ControlLogix Fundamentals & Troubleshooting - Columbus, OH

For more information  
please visit our website  
or contact  
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## 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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