

THE Electrical Connection

December 2011

Ann Arbor • Flint • Madison Heights



McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving Our S. E. Michigan Electrical Community for 100 Years and Counting!

Join us for this month's Breakfast with Bradley

System Design Techniques for the Control of Electrical Noise



Today's microprocessor and solid state technologies as well as higher switching frequencies on the power devices require design and installation practices that are different than those used in the past.

At this seminar, we will discuss how technologies have evolved as well as what specific techniques should be used to ensure that you minimize the unwanted effects of electrical noise.

When: 7:30 AM to 9:30 AM
Tuesday, December 13th, 2011

Location: Rockwell Automation
1441 W. Long Lake Road, Suite 150
Troy, MI

Reserve your spot by contacting Laurie Messick:
Email: lbmessick@ra.rockwell.com

Integrated Architecture Builder (IAB) is a Graphical Tool Designed to Help you with the Configuration and Quoting of Logix Control Systems.



IAB aids with initial system configuration and quoting, provides you with a graphical representation of your configurations, performs some system checking and generates system-level reports.

With IAB, you can build a control system using a wizard and other common Microsoft Windows tools such as tree views, drag-and-drop, and cut-copy-paste. IAB also allows you to open a multitude of related product documentation to assist you. Once you have configured a system, IAB performs validity checking, and you can generate a report to be used in quoting the control system.

IAB software provides you with a number of options to help you optimize your ControlLogix, CompactLogix, and FlexLogix configurations. (Refer to the Integrated Architecture Builder Software Release Notes for more information on specific features added for this release.):

<http://www.rockwellautomation.com/en/e-tools/configuration.html>

Upcoming Training & Events

- January 2 - 4:** 1336 PLUS II Maintenance & Troubleshooting - Troy, MI
- January 10 - 12:** RSLogix 5000 Level 1: ControlLogix System Fundamentals - Troy, MI
- January 12 & 13:** RSLogix 5000 Level 2: Basic Ladder Logic Interpretation - Troy, MI
- January 23 - 27:** FactoryTalk View Site Edition Programming - Troy, MI
- January 24:** PowerFlex 700 Vector Control Configuration and Startup - Troy, MI
- January 25:** PowerFlex 700 Vector Control Maintenance and Troubleshooting - Troy, MI

For more information please visit our website or contact Vicki Isom
isomv@mc-mc.com
(248) 582-2485

Solar PV Canopies with Charging Stations

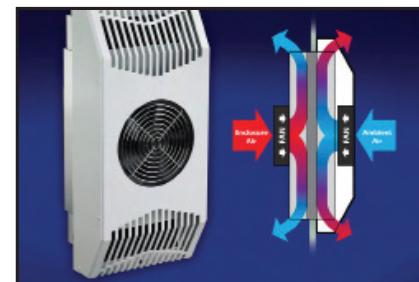
Power Generating Architectural Net Zero Energy Solutions



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.

McLean® Thermoelectric Coolers

Rugged and compact cooling



Compressor-free air conditioning for small indoor or outdoor enclosures.

McLean® Thermoelectric Coolers from Pentair Technical Products allow you to cool small indoor or outdoor enclosures. Featuring Peltier effect technology, McLean Thermoelectric Coolers are designed with 60, 100, and 200 W of cooling for telecommunications battery cabinets, industrial enclosures, security systems and other applications. Compact and reliable, no refrigerant, compressors or filters are required, making the coolers an ideal solution for demanding or low-maintenance environments. The 24 VDC and 48 VDC Coolers are CE- and UL-approved, and available in thirteen models to suit the broadest variety of applications.

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