

# THE Electrical Connection

April 2011

Ann Arbor • Flint • Madison Heights



**McNAUGHTON-McKAY**  
ELECTRIC COMPANY

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

## Solar Pays Off in Michigan

Do you know the following facts about SOLAR in Michigan:

**Fact #1** – The amount of power generated from a solar system in Michigan is only 15% less than Florida.

**Fact #2** – DTE utility incentives and Federal tax credits pay for 2/3's of the system cost in the first year.

**Fact #3** – DTE pays the system owner \$.11 per KWH generated for 20 years. Additionally your electric bill is reduced by the electricity you generate, for the life of the system.

**Fact #4** – Your investment generates a 15-18% Return on Investment with a fixed rate and minimal risk.

**Fact #5** – McNaughton-McKay provides everything you need in the form of materials and technical knowledge to get you up and running.



For more information please contact Mark Ferda (734) 645-6005 [ferdam@mc-mc.com](mailto:ferdam@mc-mc.com) or Matt Tripp (248) 872-8529 [trippm@mc-mc.com](mailto:trippm@mc-mc.com)

## Hirschmann, a Belden company, announces a new robust unmanaged Octopus IP-67 Fast Ethernet 10-port switch

This switch, which also supports automation protocols such as Profinet, EtherNet/IP and Modbus TCP, possesses ten twisted-pair ports (10/100 BASE-TX) with vibration-proof M12 connections with D-coding. The unit's additional features include a robust, fire-proof, die-cast housing, protection class IP-67 and a temperature range from -40° to +70°C. It also complies with all relevant industry standards and is approved for use in road and rail vehicles and ships, which makes it particularly suitable for use in small-scale networks in transport, manufacturing and process automation where management functions are not required.



## Upcoming Training & Events

- April 12: Ethernet Seminar - Madison Heights, MI
- April 12: FactoryTalk View ME and PanelView Plus Maintenance and Troubleshooting - Troy, MI
- April 14: Ethernet Seminar - Ann Arbor, MI
- April 19: NetLinx Maintenance and Troubleshooting - Troy, MI
- April 26: PowerFlex 755 AC Drives Maintenance and Troubleshooting - Troy, MI
- May 3: GuardLogix Maintenance and Troubleshooting - Troy, MI
- May 5: GuardLogix Application Development - Troy, MI

For more information please visit our website or contact Rainie Robinson [robinsor@mc-mc.com](mailto:robinsor@mc-mc.com) (248) 582-2485

## Protecting Equipment and Facilities Just Got Easier with Ferraz Shawmut's Surge-Traps



Other surge protective devices require additional fuses, fuse holders, and wiring in order to meet UL safety standards, costing your customer more money, valuable space in the cabinet and more installation time. In today's tough economic environment, protecting your equipment and facility can be challenging. Ferraz Shawmut's Surge-Trap Type 1 SPD is fail-safe and an economical solution making it easier with its economical overvoltage protection solution. The Surge-Trap Type 1 SPD does not require additional fuses, fuse holders, or wiring in meeting the UL 1449 Third Edition safety standard thus providing substantial cost savings and reduced installation time. You can enjoy the fail-safe protection you need in one compact, self-sufficient, and affordable design.

## How many people does it take to change a light bulb?

*(300 million by complying with the new Federal Legislation)*

A new twist has been added to the simple task of changing general service and reflector bulbs and it's coming soon. And for all of us - and the environment, it will be a turn for the better. The Energy Independence and Security Act of 2007 (EISA) is phasing out the iconic incandescent light bulbs and is requiring manufacturers to replace them with new, energy efficient bulbs that comply with EISA's mandated performance levels for incandescent and incandescent halogen bulbs.



OSRAM SYLVANIA is helping to make this transition an easy one by offering you a variety of bulbs to choose from. And they have created a chart that shows what bulbs you need to replace and when, as well as the many replacement options that are available to you today. Don't wait. Start saving today.

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