

THE Electrical Connection

January 2012

Columbus • Defiance • Findlay
Hebron • Mansfield • Toledo

McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving The Ohio Electrical
Community for 100 Years and Counting!

Sealed Battery Smoke Alarm with Hush™

The Kidde i9010 is a 10-year, sealed battery, ionization, smoke alarm with Alarm Memory and Hush™ feature. The innovative design of this alarm's automatic activation is unlike any other smoke alarm. The i9010 alarm will automatically activate when it is attached to the mounting bracket; there are no pull-tabs, no switches, everything is automatic. At the end of the alarm life, the unit will chirp, indicating the alarm is in need of replacement. You can use a simple tool such as a screwdriver to deactivate the unit, stopping the low battery chirp and making it safe for disposal.



The sealed-in board-mounted battery will power the i9010 unit for its complete 10-year life. No replacement battery will ever be needed.

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.

Upcoming Events & Training

- January 5:** Motion Control Fundamentals - Toledo, OH
- January 24:** RSLogix 5000 Level 1: ControlLogix System - Cincinnati State: Cincinnati, OH
- January 24:** RSLogix 5000 Level 2: Basic Ladder Logic Interpretation - Columbus, OH
- January 26:** RSLogix 5000 Level 2: Basic Ladder Logic Programming - Cincinnati State: Cincinnati, OH
- January 31:** RSLogix 5000 Level 3: Project Development - Cincinnati State: Cincinnati, OH
- January 31:** PowerFlex 750 Series Startup and Configuration in an Integrated System - Twinsburg, OH

For more information
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Save Up to 35% of Your Energy Costs

Bert Eliminates Wasted Energy!

Computers, copiers, printers, faxes, vending machines, microwaves, shredders, water coolers, signage, coffee makers, TVs, electronic devices, and lighting all leak energy in stand-by or off mode. Powering down these machines automatically during late night hours can save as much as \$200 per machine per year without replacing existing equipment. BERT itself draws virtually no wattage (1 microwatt).

BERT keeps it simple and easy. It is a wireless smart plug with a programmable on/off schedule, providing extraordinary ability to cut energy costs. The EPA estimates that 30% of energy usage in commercial buildings is used inefficiently or unnecessarily. BERT fixes all that. BERT provides 24 hour wireless control over one or multiple pieces of your organization's equipment, quickly and easily turning the equipment on or off via a programmed schedule or on command from a computer. BERT software tracks system activity and lets you know what you are saving.



SOLA/HD SDU DIN Rail Uninterruptible Power Supplies

Protect Your Power



The SDU Off-Line DIN Rail UPS series combines an industry leading compact design with a wide operation temperature range and unique installation options. This cost effective protection solution provides ride through during brief power outages. This allows critical and sensitive equipment to safely shut down during extended power failure preventing costly data losses, work interruptions and equipment damage. These units include easy to wire screw terminations for critical devices needing battery backup such as computer-based control systems.

The SDU series protects the increasing number of microprocessor-based technologies common in the industrial environment from impulses and fluctuations on the factory floor. Back up AC power during power disturbances reduces production losses and helps maintain high efficiency levels.

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