

THE Electrical Connection

November 2010

Columbus • Defiance • Findlay
Hebron • Mansfield • Toledo

McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving The Ohio Electrical Community...
Celebrating 100 Years of Customer Service!

PlantPax

Process Automation System

One of the key ways manufacturers monitor production conditions is through asset management software. Asset management software gives manufacturers the tools to record and document the configuration of each instrument, as well as track and report on any device changes. Providing this information helps end users and OEMs increase the reliability of their instrumentation and validate their processes.

In the past, intelligent field instruments have been individually configured through applications specific to the device. This becomes complex, especially in large facilities, and increases the mean time to repair (MTTR), not to mention the added installation costs.

Individual protocol nuisances, and separate integration and configuration methods also create a high learning curve for operations and maintenance staff. As a result, many facilities have designated specific personnel responsible for specific instruments. This creates the need for separate laptops, login credentials, and applications that have to be managed and tracked, making it difficult to determine the configuration of all the plant assets at any given time.



T & B Conduit Fittings for Ordinary and Hazardous Locations

Thomas & Betts offers a broad range of conduit bodies, conduit boxes conduit fittings, unions, sealing fittings, drains and cable fittings for both ordinary and hazardous locations.

Cast Device Boxes (for ordinary locations)

For raceway systems to accommodate wiring devices, serve as pull boxes, and provide entrances for taps and splices.

Cast Conduit Outlet Boxes (for hazardous locations)

Round cast outlet boxes used with rigid conduit to serve as pull and splice boxes, easy access to wiring, act as a housing for instruments, apparatus, etc.

Reducers, Plugs, Unions (for ordinary and hazardous locations)

Includes reducers for connecting conduit of dissimilar dimensions, plugs for unused conduit openings and hubs, and unions for threaded conduit systems.

Sealing Fittings and Drains (for ordinary and hazardous locations)

Cast fittings used with rigid conduit to seal sections from passage of vapors, flame or gases or explosions. Drains provide ventilation as a breather and as a drain in moist locations.

Cable Fittings (for ordinary and hazardous locations)

For armored, metal clad, jacketed or unjacketed and unarmored cables through a bulkhead or enclosure in ordinary or hazardous areas.



Upcoming Events & Training

November 9 - 10: AC/DC Motors & Drives Fundamentals – Columbus, OH

November 11: PowerFlex 700 Vector Control Configuration & Startup - Columbus, OH

November 12: PowerFlex 700 Vector Control Maintenance & Troubleshooting – Columbus, OH

November 15 - 19: RSLogix 5000 Level 1: ControlLogix Fundamentals & Troubleshooting - Columbus, OH

For more information
please visit our website
or contact
Heather Oehlers at
419-422-2984.

The Leader in I/O for the Industrial Controls Marketplace

Spectrum Controls is the first company to build licensed, core-technology I/O modules for the Rockwell Automation product line. Our innovative designs incorporate state-of-the-art features with dependable performance. As a global Encompass partner, technical support is offered through the Rockwell TechConnect Support program, for every Spectrum Controls I/O module at no additional cost to the customer.

Our market-driven I/O product offering provides cost-effective solutions to complex application requirements. High performance, increased channel density, and versatile configuration options are just a few of the advantages of using I/O from Spectrum Controls.



RAB Lighting 20 Watt LED Wallpack

RAB Lighting shoots for the heart of the commercial outdoor lighting market with an affordable LED product, the LPACK 20.

RAB LED fixtures are a fraction of the initial cost of competitive products. The total cost of ownership of an LPACK 20 is reduced further with a 50,000 hour LED lamp life, eliminating the need for multiple lamp changes.

The LPACK 20 competes with the traditional lighting alternatives in quality of light delivered. Available in both warm and cool light, the 20 watt LPACK has two high-output, 10 watt LED light engines that deliver 70% of their rated lumens at 50,000 hours and have a voltage sensing driver for 120 up to 277 volts.

A small carbon footprint is achieved with a unique design specifically engineered for LEDs which uses 50% less aluminum and glass than a standard wallpack. Advanced Thermal Management assures that LED Light Engine life is maximized with a thick, die-cast housing and heat-sinks that dissipate heat away from the critical LED components.

All RAB LED products have a five year warranty, are UL Listed for Wet Locations and have earned the U.S. Department of Energy's Lighting Facts label. Additionally, the optical performance of the 20 watt LPACK is compliant with IESNA full-cutoff, fully shielded standards and has been awarded IDA Dark Skies Compliance. The LPACK 20 can be used on LEED buildings for Light Pollution Reduction credit.



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