

THE Electrical Connection

October 2010

Ann Arbor • Flint • Madison Heights



McNAUGHTON-McKAY
ELECTRIC COMPANY

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

Automation Fair

2010:

*North America's
largest exposition of
automation products
and services*

Join McNaughton-McKay at the Orange County Convention Center in Orlando, FL on November 3 & 4 for the best educational investment you'll make this year.

Companies striving to achieve a competitive advantage in the global marketplace know that optimized production is the path to increased profitability. Today's manufacturing leaders continuously seek new ways to leverage the potential of their manufacturing operations and they understand that education is the key to maintaining their leadership position.

The Automation Fair event provides an excellent educational opportunity for professionals at all levels to learn about the newest and best in automation technology. This year's event will focus on advanced automation products, integrated control and information architecture, and value-add services and solutions.

Take advantage of McNaughton-McKay's convenient travel & hotel packages. Stay with us at Disney's Grand Floridian Resort & Spa or Disney's Polynesian Resort. Hotel Packages are available for 1 and 2 night stays. Please contact your local McNaughton-McKay office or visit our website, www.mc-mc.com, for more details.



Powerohm PK Series Braking Modules

The Powerohm PK series of Brake/Resistor Modules and stand alone Brake Chopper Modules are designed as functional replacements for the Rockwell 1336 Mod KA, KB and KC units and 1336 W Series (Series A) offerings. Sold exclusively through the Rockwell channel, the PK series are drop in equivalents, form, fit and function. The standard features of this design include external or internal brake enable, under voltage detection of logic supply, heat-sink over temperature protection and master/slave capability with CROWBAR CIRCUIT.

The PK Series Brake Modules are also used for the Kinetix series of Servo Motion products offered by Rockwell. In this case they are referred to as Shunt Modules. The use of braking modules and resistors increase the braking torque capability of a variable frequency drive and servo systems allowing faster and more controlled deceleration times.

If it is necessary to increase the horsepower requirements beyond the capability of a single braking module, the modules are all Master/Slave programmable. This allows an arrangement of multiple Modules to effectively function as a single higher rated module.



2010 Drives Headquarters

WEDNESDAY, OCTOBER 13

9:00 AM -4:00 PM

Lunch provided

1357 E. Lincoln Ave.

Madison Heights

Register at www.mc-mc.com

Seminars:

- Recommended Practices for wiring and grounding VFD's
- Energy Efficiency Improvements through VFD's
- EISA (Energy Independence and Security Act) - What does it mean to me?
- Introduction to Powerflex 750
- Introduction to Logix19, SIP Motion with VFD's

Panduct® PanelMax™ Noise Shield

PanelMax™ Noise Shield, by Panduit, separates drive cables and sensitive communication/signal cables within industrial control panels to reduce electromagnetic interference (EMI) while saving valuable space. The shield provides up to a 20dB reduction in noise which is equivalent to 8 inches of air spacing. The innovative design installs easily within Panduit Wiring Duct or when mounted separately, delivering greater design flexibility to satisfy a wide range of applications.



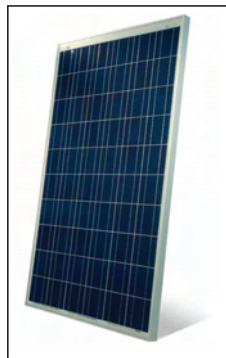
PanelMax™ Noise Shield is part of a suite of Industrial Automation Solutions from Panduit that meet the most demanding requirements and applications with a broad range of product systems that aid in reducing design and assembly time, creating valuable panel space savings, providing easier installation and maintenance and improving reliability.

BP Solar 225W Photovoltaic Module: BP 3225T

BP Solar has been manufacturing solar wafers, cells and modules for more than 35 years. This experience shows that the best way to optimize module life and electrical energy production is to attend to every detail in design, manufacturing, process controls and testing. BP Solar's latest generation of 60 cell, Polycrystalline T Series solar modules offers the following benefits:

- Long lasting, innovative frame design
- Flexible mounting and reduced soiling losses
- Improved reliability with effective cooling
- Environmentally responsible

BP Solar is one of the world's leading solar companies. Their internal testing standards go well beyond international requirements, and their products are backed by a 5-year workmanship guarantee and 25-year power warranty.



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