

THE Electrical Connection

July 2010

Charlotte, NC • Gastonia, NC
Greenville, SC • Spartanburg, SC



McNAUGHTON-McKAY
ELECTRIC COMPANY

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

IMPORTANCE OF PROTECTION

Rockwell Automation is pleased to introduce the Bulletin 4983 Surge & Filter Protection product line to meet industrial surge and filter protection requirements. Bulletin 4983 Surge & Filter Protection products are crucial for protection

against internally generated transient and high frequency noise. Any load switching that creates a spark has the potential to produce damaging transients within your system. These transients can destroy equipment if not addressed. Motor drives, contactors, and capacitor bank switching are just a few examples of transient sources.

Noise is unwanted disturbance in your power line. Examples of noise sources include variable speed drives and computerized industrial loads. Premature aging and system interference are common to equipment without protection.

Transient and high frequency noise often go undetected until it is too late. It is not until equipment is damaged that the importance of surge and filter protection is recognized. Planning your protection can be less costly than reacting to a failure later. Be proactive and recognize the importance of implementing surge and filter protection as part of your industrial environment.



Fusion G7™

Wall-Mount Enclosures feature 3D mounting capability with metric sizing.



Pentair Technical Products' Hoffman brand Fusion G7™

is the ultimate wall-mount enclosure platform designed to global standards that takes internal component mounting versatility and rugged IP66 protection to the next level. Featuring an advanced, scalable design with a host of internal component mounting provisions and options, Fusion G7 facilitates door, side panel and back panel mounting flexibility, expanding the traditional limits of capacity and creating the most efficient and cost-competitive enclosure footprint available.

Thirty standard metric sizes ranging from:

- 300-1500 mm high
- 300-900 mm wide
- 150-425 mm deep

Upcoming Training & Events

- July 13:** Safe Design in 2010, Charlotte, NC
- July 27:** ControlLogix & CompactLogix Introduction, Greenville, SC
- July 28:** Ethernet-TCP/IP for PLC Technicians, Greenville SC
- Aug 24:** Intro. to Programmable Logic Controllers, Charlotte, NC
- Aug 25:** SLC & MicroLogix Introduction, Charlotte, NC
- November 3 - 4:** Rockwell Automation Fair, Orlando, FL

For more information please visit our website or contact **Becky Walters** (864) 574-0350 or (800) 537-4855

Special Requirements?

Modification Services Provides a Solution

With Hoffman Modification Services, many of the standard enclosures can be

modified to suit your specific requirements. They use the most advanced technology to produce consistent, high quality results. Their modified enclosures are UL/cUL and CSA certified solutions. You can select from more than 100 standard paint finishes. Change dimensions. Easily add holes, cutouts, window kits, louvers and thermal management systems.

To begin, just find a standard enclosure similar to your intended design. A McNaughton-McKay representative can assist you with this or you can visit www.hoffmanonline.com and browse their online product catalog. You can also learn more about options tailored for each product family on the Hoffman website under their services tab.

ULTRA LED Retrofit PAR30 Long Neck Lamps

Dimmable

Sylvania's LED technology offers reduced energy and maintenance costs when compared with conventional light sources. ULTRA LED PAR30 Long Neck retrofit lamps are intended to be a high quality replacement for 50W halogen PAR30 Long Neck halogen lamps while offering 20 times the life. They are free of UV and IR radiation, minimizing discoloration and fading of materials. These lamps are dimmable down to 10%, and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 87 CRI. These lamps are available with 25° and 40° beam angles.

No warm-up time, instant-on with full light output and stable color
• 50,000 hours life at 70% lumen maintenance • RoHS compliant • Suitable for use in indoor and outdoor environments • Suitable for dimmers or in luminaires controlled by a dimmer



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