

# THE Electrical Connection

June 2010

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



**McNAUGHTON-McKAY**  
ELECTRIC COMPANY

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

## 1768 Compact GuardLogix Integrated Safety Controller

*Integrated Safety in a Mid-range Control Platform*



The Allen-Bradley Compact GuardLogix controller brings together the standard control functionality of the Logix Control Platform – common programming environment, common networks and a common control engine – with the full range of integrated safety functionality of GuardLogix controllers in a smaller package. This provides you with unmatched scalability and flexibility across a wide range of applications.

Ideal for mid-range applications, Compact GuardLogix controls up to eight axes of motion and supports the use of CompactBlock Guard I/O and POINT Guard I/O on Ethernet/IP, which creates a new option for machine builders looking to cost-effectively standardize on a single integrated safety control platform.

The Compact GuardLogix features a 1002 safety architecture and is rated up to and including Safety Integrity Level 3 (SIL 3), Performance Level e (PL e) functionality.

## SPECTRACOOOL™ Air Conditioners - 8,000 and 12,000 BTU

The SPECTRACOOOL™ Air Conditioner offers models with 8,000 and 12,000 BTUs/hr. of climate control protection for factory automation, outdoor telecom and a variety of other system applications. With all metal construction, the SPECTRACOOOL can withstand rugged factory and outdoor environments while maintaining the integrity of your electronics.



Features:

- Active condensate management with electric heater
- Power-off relay for door switch and other system requirements
- Mechanical thermostat on enclosure side of unit
- Digital display on ambient side
- Malfunction switch
- Earth-friendly refrigerant
- Fifty percent more efficiency
- RoHS compliant

## Upcoming Training & Events

- June 22:** ControlLogix Processor Basics, Charlotte, NC
- June 22:** RSLogix 5000 Level 3: Project Development, Greenville, SC
- June 23:** Ethernet-TCP/IP for PLC Technicians, Charlotte, NC
- June 29:** Kinetix 6000 Maintenance and Troubleshooting, Greenville, SC
- July 19:** RSLogix 5000 Level 1: ControlLogix Fundamentals and Troubleshooting, 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

## New Hubbell Watertight Wiring Devices Outperform the Competition

Hubbell Wiring Systems is pleased to announce a new

line of Watertight Wiring Devices that includes UL-listed plugs and connectors from 15A/125V to 30A/480V, as well as receptacles and accessories. Ideal for withstanding harsh, wet environments like food and beverage processing and outdoor construction, these watertight devices offer superior resistance to water ingress and an extremely durable construction.

Hubbell's Watertight Wiring Devices include NEMA 6P-rated straight-blade and locking plugs and connectors, NEMA 3R-rated receptacles with weather protective covers and portable outlet boxes. Fully intermateable with installed devices currently in the market, Hubbell Watertight Wiring Devices can be easily used for both new and pre-existing installations.



## Fluke Ti32 Industrial Commercial Thermal Imager

The Fluke Ti32 is the first affordable 320 x 240 resolution infrared thermal imager that's rugged enough to withstand a 6.5 foot drop. The IR-Fusion® and SmartView® analyzing and reporting software is included with every model and the clear, crisp images find problems fast. Optional wide-angle and telephoto lenses are also available. Additionally, this imager can increase the safety and speed of electrical thermography when used with IR Windows. Thermal imaging is a non-contact technology used to help identify potential electrical, mechanical, or process problems from a safe distance. This means you can scan moving, elevated, and high temperature surfaces without needing to get too close. Whether you work in an industrial or commercial facility, you can quickly scan large surface areas for temperature differences that often indicate that a problem exists or a failure could be imminent. Turn to thermal imaging to drive improvements to your bottom line. Use it to reduce energy usage or to help keep your mission critical equipment running.



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