

THE Electrical Connection

July 2011

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



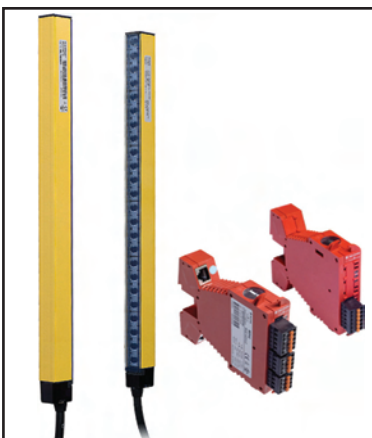
McNAUGHTON-McKAY
ELECTRIC COMPANY

Serving The Carolina Electrical
Community for 100 Years and Counting!

GuardShield™ Micro 400

Safety Light Curtains

The Allen-Bradley® GuardShield Micro 400 safety light curtain is an economical, Type 4, three box safety light curtain designed for small assembly machines in ambient operating environments, or where mounting space is limited. This SIL 3 rated safety solution is designed for use on hazardous machinery for point of operation guarding and is offered in both 14 mm and 30 mm resolutions.



The GuardShield Micro 400 safety light curtains are ordered as pairs (transmitter and receiver) and are shipped under a single catalog number for ease of selection. The MSR42, MSR45E, ribbon cable connectors and patch cords are ordered separately to complete the safety system.

Belden Expands Its Line of Industrial Cables for Variable-frequency AC Motor Drive Applications



Belden, the innovator in VFD cable design, adds symmetrical 3-conductor 16 to 4/0 AWG VFD cables (including armored versions) to its VFD line to support a broader range of installation options and customer requirements – including MSHA approvals. Variable-frequency AC motor drive output cables are subject to harsh operating environments characterized by high voltage spikes, high noise levels and adverse environmental conditions. Typical cabling solutions for this application have been unshielded tray cables, single-conductor lead wire installed in conduit or continuously-welded armored cable. These solutions suffer from complex, costly installation and potential reliability problems. Belden Variable-frequency Drive (VFD) cables were designed and engineered to overcome these challenges.

Upcoming Training

- July 19-20:** RSLogix 5000 Level 1: ControlLogix System Fundamentals - Greenville, SC
- July 21-22:** RSLogix 5000 Level 2: Basic ladder Logic Interpretation - Greenville, SC
- July 26-29:** RSLogix 5000 Level 3: ControlLogix maintenance & Troubleshooting - Charlotte, NC
- August 1-5:** RSLogix 5000 Level 1: ControlLogix Fundamentals & Troubleshooting - Charlotte, NC
- August 9-12:** RSLogix 5000 Level 3: ControlLogix maintenance & Troubleshooting - Greenville, SC

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

Safety First with Hubbell

The Safety of People and Equipment Matter Most



Hubbell believes that every employee has the right to a safe working environment. Not only is safety the key to allowing people to be confident and secure in their jobs, it is also critical to enhancing productivity, reducing downtime and avoiding significant accident expenses – all of which leads to sustainability and a lower Total Cost of Ownership (TCO). Potential safety hazards exist in almost every workplace environment – from open office areas and factory floors, to construction sites and retail spaces. That's why all employers are required to comply with strict safety codes and regulations. Many businesses pride themselves on the number of accident-free days, which is achieved through established formal safety programs that include training, ongoing safety evaluations and documentation. Hubbell is committed to helping their customers maintain a safe workplace environment. Since introducing the first safety receptacle that set the industry standard, Hubbell has always been focused on safety. That's why Hubbell products are designed and developed to first provide maximum safety against injury and the potential dangers of electricity.

SolaHD Helps Reduce Your Energy Consumption



In today's world, energy demand costs have a significant impact on your company's bottom line. To be a well-informed energy consumer, you must know how much power you use, what your major loads are, when you use electric power the most, and how much you pay for it. It is also important to understand the quality of the power you use.

Power management systems determine ways to conserve power, control escalating energy bills, allocate energy costs, and reduce maintenance/repair costs. Systems identify poor power quality, correct billing errors, and reduce peak usage surcharges. You can achieve competitive advantages through operating cost efficiencies gained from reducing energy consumption and extending equipment life. SolaHD can help you achieve optimal performance.

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