Crydom Inc Technical Seminar

EEE&M 2010 Show
St. Charles Convention Center
Wednesday, April 7th, 1:00PM – 2:30PM
Seminar Room 102

Get involved with an open discussion on the latest technologies offered by Crydom. Find out about the various applications where solid state relays are used and how you are able to save Energy while also increasing the performance of your applications. Take advantage of learning about the latest Hybrid relay designs and the ability to build some programmable functionality into the standard product. This will be a complete discussion on Control Capabilities, Operational speed, Life Expectancy and Phase and Burst Fire Control. In addition there will be discussion on Variable heating control, Soft start/Stop Lighting Control and Reverse Motion Control

Crydom ERA Seminar Presentation Outline

Introduction-

- Solid State Relays and Crydom, Inc.

Solid State Relays Defined and Described-

- Power Semiconductors & SSR Design
- Solid State Switching, AC Single & Three Phase, DC Circuits
- Key SSR Terms & Parameters
- Packages/Mounting/Termination & Ratings
- Comparison to EMR/Contactors

Attributes, Performance, Features and Benefits-

- Output Parameters verse Load Circuit Characteristics
- Input Parameters verses Control Circuit Function
- Programmable Functionality
- Isolation characteristics
- Transient Withstand Characteristics & Standards

General Applications-

- On/Off & Variable Heating Control
- On/Off , Dimming, Soft Start/Stop Lighting Control
- On/Off & Reversing Motion Control

Advantages of SSRs for Energy Conservation-

- Control capabilities
- Operational speed
- Life expectancy

- Phase & Burst Fire Control

Specification and Installation tips-

- Output specs/considerations
- Input specs/considerations
- Mounting considerations

Conclusion, Q&A-

To Register for this seminar, please contact MC Controls at 636-532-7400, or Chuck Newberry at cnewberry@mccontrols.com