

# ***UL Certifies SCCR for Crydom Solid State Relays!***

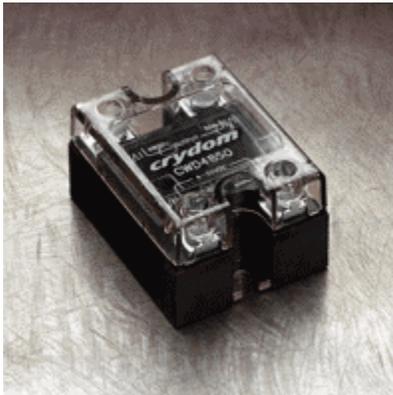
***Crydom becomes the first solid state relay manufacturer to get UL certification for 100kA Short Circuit Current Ratings***

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Crydom, an operation of Custom Sensors & Technologies (CST), announces the first solid state relays available on the market with UL approved short-circuit current ratings (SCCR). These relays facilitate industrial control panel builders' efforts to comply with the new article 409 from NEC and the latest version of UL508A, both request SCCR marking, by providing them with pre-approved ratings for SSR/fuse combination.

According to Dr. Oscar Montero, from the Crydom Global Technical Center, "Standard 5kA SCCR on power devices prevents panel builders from offering panels with higher ratings. Panels with a higher SCCR could be connected to electrical systems with different available currents bringing market advantages for panel builders. However, establishing a higher SCCR may represent significant challenges and additional costs for panel builders."

Crydom's approved ratings allow panel builders to establish the SCCR for the branch circuit where the relay is located without performing additional testing. The ratings can be added directly to the manufacturer's procedure. Hence, effectively reducing the time-to-market cycle for the panel and cost associated to compliance.



Crydom has obtained UL approval for SCCR by testing the combination SSR/Fuse under the "umbrella fuse" requirement allowing more flexibility to Crydom customers to mix and match SSR and fuses of different ratings. "The tricky part is selecting the right fuse for not only the application but also for the desired SCCR rating for the combination. It is understood that under sizing the fuse may compromise performance, while over sizing it may impact the safety of the Panel. Not to mention add unnecessary cost." Dr. Montero added.

Please visit us at [www.crydom.com](http://www.crydom.com) for additional information regarding NEC 2005, UL508A, and Crydom's specific levels of compliance.

## **About Crydom**

[Crydom](#) is an operation of Custom Sensors & Technologies (CST). Crydom is the global leader in solid state relay technology. Crydom manufactures and sells two of the most preferred brands of solid state relays around the world, Crydom and Crouzet. Thousands of catalog off-the-shelf items are available, as well as custom-designed solid state relays and related products. Crydom continues to satisfy the most demanding customers' environmental and performance requirements creating product solutions to suit their specific application.

## **About Custom Sensors & Technologies**

Headquartered in Moorpark, Calif., [Custom Sensors & Technologies](#) (CST) is a business unit of Schneider Electric. CST was formed from the combination of Kavlico, Crouzet, Crydom and former divisions of BEI Technologies. CST provides sensors, controls and actuation products to the industrial, transportation, and military and aerospace markets.

## **About Schneider Electric**

[Schneider Electric](#) is the world's power and control specialist. Through its world-class brands, Merlin Gerin, Square D and Telemecanique, Schneider Electric anticipates and satisfies its customers' requirements in the residential, building, industry and energy and infrastructure markets. With 105,000 employees and operations in 190 countries, Schneider Electric generated sales of €13.7 billion in 2006 through 15,000 sales outlets.

*For additional information, please contact:  
Gabriela Miranda*