



CRYDOM'S WORLD CLASS SOLID STATE SWITCHING TECHNOLOGY IS NOW AVAILABLE IN THE SOLICON DRC SERIES OF SOLID STATE CONTACTORS WHICH OFFERS PERFORMANCE LEVELS NEVER REACHED BEFORE BY ANY CONTACTOR

Crydom introduces the SOLICON DRC Series, the only contactor in the market with 9000 cycles/hour, embedded auxiliary contacts and 100 KA short circuit current rating (SCCR)

For Immediate Release: February 12, 2014

Crydom is pleased to announce the new **SOLICON DRC Series** of AC Output Solid State Contactors. **SOLICON solid state contactors** are the most innovative compact DIN Rail Mounted, IEC standard based contactors in the market and combine all advantages of a solid state design with the functionality and simplicity of use of an electromechanical contactor.

SOLICON DRC Series solid state contactors are the only contactors for **Motor Control** in the market with:

- Maximum switching frequency of 9000 cycles/hour
- Embedded auxiliary contacts (Normally open and Normally closed)
- 100KA Short Circuit Current Rating
- The most frequently used AC and DC input control voltage configurations available (24VAC/DC, 120VAC, 230VAC)



These features make the **SOLICON DRC Series** unique in the market, beating similarly rated competitive products on each front with a broader working temperature range (-30°C to +80°C), better resistance to surge current (750 Amps), higher resistance to short circuit (2560 A²S), smaller size (height and depth) and greater life span (50 Million cycles).

All these premium features are included in both available **SOLICON** models:

- **DRC3P, Solid State Contactor**
- **DRC3R, Reversing Solid State Contactor**

Both models are rated up to **5HP @ 480VAC**

Custom Sensors & Technologies

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The **DRC3P** is available in either instantaneous turn-on (typically used for Motor Control) or zero-crossing turn-on (more often used with resistive loads). Both are available with either 2 or 3 controlled legs.

The **DRC3R** reversing contactor also includes a control interlock feature that allows only Off, Forward and Reverse operation in a safe mode, while providing relevant cost reduction and high space saving.

Available with 2 operating voltage options (400 VAC and 480 VAC), 5 HP motor rated (except the **DRC3P** contactor with 3 controlled legs which is rated @ 3 HP) and including an LED input status indicator, the DRC3 can be used in combination with the most frequently used overload relays and thermal magnetic circuit breakers (Schneider Electric's LRD and GV2) thanks to their full mechanical and electric compatibility.

Crydom's **SOLICON DRC Series contactors** are C-UL-US Listed and compliant to IEC 60947-4-2 requirements. They are also CE certified to the IEC Low Voltage Directive and compliant to the IEC EMC and RoHS Directive.

For more information on the **SOLICON DRC Series** contact the nearest Crydom Distributor, Representative or Local Crydom Sales Office, or visit our website at www.crydom.com.

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About Crydom

Crydom, global expert in solid state switching technology, combines technology and innovation to provide customers a wide range of standard Solid State Relays and Solid State Contactors, and specializes in custom designed solid state switching solutions for any load control application. Crydom is a brand of CST.

www.crydom.com

About Custom Sensors & Technologies

Custom Sensors & Technologies (CST) is a specialist in sensing, control and motion products.

Through its brands, BEI Kimco, BEI Sensors, BEI PSSC, Crouzet, Crydom, Kavlico, Newall and Systron Donner Inertial, CST offers customizable, reliable and efficient components for mission-critical systems in Aerospace & Defense, Transportation, Energy & Infrastructure, Medical, Food and Beverage and Building Equipment markets.

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Focused on premium value offers and committed to excellence, CST, with 4,400 employees worldwide and sales of \$604M US in 2012, is the dependable and adaptable partner for the most demanding customers.

www.cstsensors.com

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