



**PRESS RELEASE**

## **Clare Releases the Smallest, Full-Function Solid State Relay**

*CPC1014N SSR is a Low Cost 60V, 400mA, 4-Pin Solid State Relay Targeting Security Applications*

October 23, 2008– Beverly, Massachusetts, USA, Clare, Inc., an IXYS company (NASDAQ: IXYS – News), announced the immediate availability of their new miniature 60V, 4-pin SOP, 1-Form-A (Single Pole, Normally Open) Solid State Relay (SSR). The CPC1014N employs optically coupled MOSFET technology to provide 1500V<sub>rms</sub> of input/output isolation and is added to the broadest line of SSRs offered by any manufacturer. The super-efficient MOSFET switches and photovoltaic die use Clare's patented OptoMOS architecture.

The CPC1014N features 400mA of current handling, 2 Ohms of on-resistance, and fast turn-on and turn-off times. The CPC1014N offers board space savings of at least 20% over the competitor's larger 4-Pin SOP, and specifically targets security systems, complying with EN50130-4, passive infrared detectors (PIRs), data signaling and sensor circuitry applications.

The CPC1014N has UL Recognized Component File # E76270, meets EN/IEC 60950-1 requirements, and has CSA Certified Component: Certificate # 1172007. This device is a direct drop-in replacement for the Omron G3VM-61G1 or Toshiba TLP172A, or can be used as a second source but requires 33% less input control current making the CPC1014N the most efficient!

### **About Clare and IXYS, Inc.**

Clare, Inc., a leader in the design and manufacture of solid-state relays and high voltage integrated circuits, is a wholly owned subsidiary of IXYS Corporation. IXYS Corporation develops and markets primarily high performance power semiconductor devices that are used in controlling and converting electrical power efficiently in power systems for the telecommunication and internet infrastructure, motor drives, medical systems and transportation. IXYS also serves its markets with a combination of digital and analog integrated circuits. Additional information about Clare and IXYS may be found at [www.clare.com](http://www.clare.com) and [www.ixys.com](http://www.ixys.com).

OptoMOS® is a registered trademark of Clare, Inc

Please contact your local sales representative:  
<http://www.clare.com/home/pages.nsf/locate.rep>

### **For More Information Contact:**

[info@clare.com](mailto:info@clare.com)