



PRESS RELEASE

Clare Introduces their first 30V High-Efficiency Miniature Solid State Relay in a 4-Pin Package!

The CPC1020N Solid State Relay has Clare's Highest Current, Lowest On-Resistance combination in a 4-Pin Package, Targeting Low Voltage and Security Applications

January 15, 2009– Beverly, Massachusetts, USA, Clare, Inc., an IXYS company (NASDAQ: IXYS – News) and world leader in the design and manufacture of solid-state relays, announced the availability of their first miniature 30V, 4-pin SOP, 1-Form-A (Single Pole, Normally Open) Solid State Relay (SSR). The CPC1020N employs optically coupled MOSFET technology to provide 1500V_{rms} of input-to-output isolation and is added to Clare's robust SSR product offering.

The CPC1020N features 1.2A_{rms} of current handling, in combination with only 0.25 Ohms of maximum on-resistance, making it an excellent design choice for applications demanding low impedance switching. The 20% board space savings, over the competition's larger 4-Pin SOP, specifically targets security systems and other low-voltage, high current switching applications. This semiconductor based relay can be driven directly from any control IC, and thus is ideal for automated power control.

The 30V CPC1020N has UL Recognized Component File # E76270, meets EN/IEC 60950-1 requirements, and has CSA Certified Component: Certificate # 1172007.

The small size of this SSR and its high efficiency make it ideal for portable instruments, remote control applications, controlling valves and actuators in automation and industrial systems; as well as low voltage lighting applications, especially LED based lighting. Furthermore, it can be used to reduce the power drain in systems that are on standby mode by cutting off the DC power when necessary, thus reducing the power consumption of systems in standby or "off" mode

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 and www.ixys.com.

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

For More Information Contact:
info@clare.com