

Clare expands Power Relay Family by Offering AC/DC and DC-only Devices with Increased Current Handling – Up to 32A!

CPC1708 and CPC1709 DC-Only Power Relays are an ideal solution for power applications including industrial controls, consumer appliances and medical equipment

Beverly, MA, USA – April 5, 2007 -Clare, Inc., an IXYS company (NASDAQ: IXYS - News), today announced that it has expanded its family of AC/DC and DC-only 1-Form-A Solid State Power Relays with the CPC1708 and CPC1709, offering designers up to 24 Amps and 32 Amps (@ $T_c=25^{\circ}\text{C}$) of current handling, respectively. The CPC1708, available in the i4-PAC™, has a blocking voltage of 60 V and 0.08 Ohms of on-resistance. The CPC1709, available in the ISOPLUS-264 package, also has a blocking voltage of 60 V and 0.05 Ohms of on-resistance.

Development of these power relay products was founded on the blending of Clare's traditional strengths in the design and manufacture of photovoltaic integrated circuits (ICs), leadframe design and multichip packaging with IXYS' expertise in power MOSFETs, power packages and substrate technology.

Optically coupled MOSFET technology is used to provide 2500 Vrms of input to output isolation and, as in all Clare solid state relays, the optically coupled output is controlled by a GaAlAs infrared LED.

Clare power relays are now offered in three package types; the Power SIP, the i4-PAC and, the ISOPLUS-264 (the latter two are self-isolated). The Power SIP package offers pin-to-pin compatibility with other solid state relays providing an easy upgrade path for existing designs and compatibility for new designs.

This unique, RoHS compliant, family of 1-Form-A high-power Solid State Relays (SSRs) delivers the industry's highest power MOSFET-based SSRs. Applications include: Motor control, robotics, medical equipment, railroad and traffic controls, consumer appliances, industrial controls, and, test and measurement equipment, and they are certified to UL 508 Standard for Industrial Control Equipment.

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.

OptoMOS® is a registered trademark of Clare, Inc.

For more information visit our website: www.clare.com or contact: info@clare.com.