

PRESS RELEASE

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Clare Introduces Its Highest Current Optically Isolated SCR AC Power Relay with Zero-Cross Circuitry

CPC1966 AC Power Switch is ideal for saving energy in power systems for Industrial, IT, Consumer and Medical Products

Beverly, MA, February 9, 2010 – Clare, Inc., a wholly owned subsidiary of IXYS Corporation (NASDAQ:IXYS), today announced the availability of the CPC1966, 3Arms AC Power Relay. The CPC1966 is an AC solid state switch utilizing dual optically isolated power SCRs as an integrated alternative to discrete optocoupler and Triac circuits. The device provides a blocking voltage capability of 600Vp. In addition, zero-cross circuitry ensures AC load switching while minimizing the generation of transients.

Optically coupled circuitry provides exceptional noise immunity and 3750Vrms of isolation between the control and the output. Additionally, the 30Amp surge rating enables the CPC1966 to handle a variety of resistive and reactive loads. As a result, the robust CPC1966 is well suited for industrial environments where electromagnetic interference would disrupt the operation of plant facility communications and control systems.

“This product is suitable for the growing needs to improve power efficiency in power supplies and other off line applications, especially when systems are idling or not delivering power to the load. The lost power in idle mode is frequently called ‘vampire power lost’. To reduce this power loss, the CPC1966 can cut off the input power by any controller, such as a microcontroller, and thus save energy,” commented Dr. Nathan Zommer, CEO of IXYS Corporation. “This is an extension of the IXYS integrated power management solutions to save energy.”

Maximum input control current to the input infrared LED for switching is 5mA. Applications include: motor control, valve and solenoid control, robotics, IT and server power supplies, medical equipment, railroad and traffic controls, consumer electronics, industrial controls, and test and measurement equipment. The CPC1966, available in the Power SIP package, is certified to the UL 508 Standard for industrial control equipment.

About Clare and IXYS Corporation

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 internet infrastructure, motor drives, medical systems, Solar energy, Wind energy, electrical generators and transportation. IXYS also serves its markets with a combination of digital and analog integrated circuits, RF power products and power subsystems. Additional information about Clare and IXYS may be found at www.clare.com and www.ixys.com, or by sending an email to info@clare.com.

Safe Harbor Statement

Any statements contained in this press release that are not statements of historical fact, including the performance, rating, availability, reliability and suitability of products for various applications, may be deemed to be forward-looking statements. There are a number of important factors that could cause the results of IXYS to differ materially from those indicated by these forward-looking statements, including, among others, risks detailed from time to time in the Company's SEC reports, including its Form 10-Q for the quarter ended December 31, 2009. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.