

Press Release

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Westcode Adds a New Dimension to ‘Wespack’ Phase Control Thyristors

Biel, Switzerland. May 18, 2011 — IXYS Corporation (NASDAQ:IXYS) announced that its wholly owned UK subsidiary, Westcode Semiconductors Limited, has launched the addition of two new package options to their ground breaking ‘Wespack’ thyristor range. The new devices offer the same maximised power ratings for weight and volume, but in an industry standard 1” (26mm) thick package.

These new 1” (26mm) thick package options augment Westcode’s extensive range of 0.57” (14.5mm) thick ‘Wespack’ devices. The new product matrix includes four voltage classes from 600V to 2.2kV and average current rating from 1449A to 3597A. The new packages maximise silicon content and therefore controllable power, while fitting within the envelope of industry standard outlines. However, the increased package thickness gives an enhanced minimum creep distance of 0.47” (12mm) anode to gate, as well as an increased flash distance when mounted between flat coolers.

Frank Wakeman, Westcode’s Marketing & Technical Support Manager commented, “Whereas the 0.57” (14.5mm) ‘Wespack’ package offers the best current rating for volume and lowest material content, the new 26mm devices are ideal in environments where an increased creep distance is a significant requirement. The new packages have the same die, but the thicker package increases the thermal resistance to give a slightly lower average current rating; however, these remain significantly greater than those of alternative packaging technologies within the same envelope.”

Applications for these devices include; soft-starters, industrial drives, wind power converters, electrochemical power supplies and welding, plus all rectifier and power conversion in the multi 100kW range.

For data sheets please go to the Westcode website at www.westcode.com or please contact us at (email: WSL.sales@westcode.com) or telephone: +44 (0)1249 444524 for quotation.

About Westcode

Located in Chippenham, England, Westcode Semiconductors Ltd is the IXYS leading manufacturing site for very high power thyristors, SCRs and rectifiers ranging up to 6500 Volts and 15,000 Amps. Westcode continues to supply high technology components for a wide range of applications such as wind and solar energy, welding, AC and DC motor drives for oil, marine and water treatment facilities, uninterruptible power supplies, motor soft starters, transportation, induction heating, mining equipment and many other industrial applications.

About IXYS Corporation

Since its founding, IXYS Corporation has been developing power semiconductors and mixed signal ICs to improve power conversion efficiency, generate solar and wind power and provide efficient motor control for industrial applications. IXYS, and its subsidiary companies, offer a diversified product base that addresses worldwide needs for power control in the growing cleantech industries, renewable energy markets, telecommunications, medical devices, transportation applications, flexible displays and RF power.

Safe Harbor Statement

Any statements contained in this press release that are not statements of historical fact, including the performance, features 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 fiscal quarter ended December 31, 2010. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.