

WESTCODE



Press Release

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IXYS Expands its High Efficiency and High Power Rectifiers for Rail, Traction and Marine Drive Applications

Biel, Switzerland, June 29, 2009 — IXYS Corporation (NASDAQ:IXYS) announced that its wholly owned UK subsidiary, Westcode Semiconductors Limited, expanded the 50mm pole rectifier product range with improved power density and efficiency. The introduction of four new devices expands the voltage range to include products from 300V to 6kV. These new additions offer maximum performance within the confines of an industry standard footprint thereby minimizing size and weight while maximizing power.

The average current rating represents a 50% increase over present products of the same voltage and overall package size. Improved performance is achieved by maximizing the active silicon area and an improved vertical structure. The pole rectifier design allows for double sided cooling thus offering best in class thermal and electrical efficiencies. In addition to the increased average current rating, the device also offers enhanced surge ratings and can be supplied to special order in an extended case rupture current housing for advanced system safety. The new introductions are available in four voltage classes; 300V to 600V, 1.2kV to 1.5kV, 1.8kV to 2.2kV and 5.2kV – complementing the five devices already introduced:

	Part Number	VRRM (V)	IFAV TK = 55 degrees C
<i>New</i>	W2115MC520-600	5200 to 6000V	2115A
	W2899MC320-480	3200 to 4800V	2899A
	W3082MC420-450	4200 to 4500V	3082A
	W3477MC360-400	3600 to 4000V	3477A
	W3708MC320-350	3200 to 3500V	3708A
	W3842MC160-280	1600 to 2800V	3842A
<i>New</i>	W4767MC180-220	1800 to 2200V	4767A
<i>New</i>	W5636MC120-150	1200 to 1500V	5636A
<i>New</i>	W7045MC030-060	300 to 600V	7045A

Full product matrix is available from WSL.sales@westcode.com

Frank Wakeman, Westcode's Marketing & Technical Support Manager, commented, "Increasing the ratio of power per weight of these rectifier diodes facilitates the design of smaller and lighter power systems in mobile applications such as the front-end rectifiers in Traction main drives, plus Marine and off-shore applications. Additionally the devices are suitable for all front-end and general rectification applications, such as track-side substations and power conversion, offering a highly competitive cost per ampere ratio."

For data sheets or more information 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 a quotation.

About Westcode

Located in Chippenham, England, Westcode Semiconductors Ltd is a leading manufacturer of 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 welding, AC and DC drives, rectifier supplies, uninterruptible power supplies, motor soft starts, transportation, induction heating, power conditioning, high energy physics and many other industrial uses.

About IXYS

Since its inception in 1983, IXYS Corporation has been developing technology-driven products 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, electrical efficiencies, renewable energy, telecommunications, medical devices, 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, 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 Annual Report on Form 10-K for the year ended March 31, 2009 and our other filings with the SEC. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.