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Westcode's Next Generation Press-Pack IGBT Extended To 2400A



Press Release

Source: IXYS Corporation

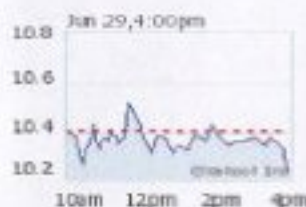
On Thursday June 18, 2009, 8:30 am EDT

Companies: Ixys corp.

BIEL, Switzerland--(BUSINESS WIRE)--IXYS Corporation (NASDAQ:IXYS - News) announced that its wholly owned UK subsidiary, Westcode Semiconductors Limited, has launched its Next Generation Press-Pack IGBT. Using latest SPT+ technology, the new range features an improved Safe Operating Area (SOA) and reduction in on-state losses of approximately 25% from the previous generation. Westcode's Press-Pack IGBT uses a fully hermetic compression contact ceramic capsule in order to assure market leading reliability in the megawatt range in high power applications where efficiency and reliability are foremost.

Related Quotes

Symbol	Price	Change
IXYS	10.26	0.00



"We are extremely pleased to be able to offer an improved chip set for the next generation Press-Pack IGBT," commented Bradley Green, Vice President of International Sales for IXYS. "With the press pack platform well into mature mass production, it is the logical next step to incorporate SPT+ technology to advance the efficiency and ruggedness of the portfolio. With appetite for high power density and highest class reliability in high power applications such as medium voltage drives, traction, wind power generators and power quality, Westcode has already seen fast track adoption in the market."

The SPT+ IGBT Press-Packs range from 240A – 2400A collector current and have a collector-emitter voltage of 4,500V. T2400GB45E is an example of a 2.4kA, 4.5kV Press-Pack IGBT that is housed in a ceramic capsule of 168mm outside diameter. Westcode also offers IGBTs with a fully rated internal diode included in the capsule, details of which are available upon request.

Without the reliability weaknesses inherent in module designs, such as wire bonding or die soldering processes, the Press-Pack IGBT has for some time been best-in-class in reliability for high power applications.

Westcode also provides a range of complementary High Power SONICTM diodes whose fast and soft switching capability ideally matches the IGBT so that together they provide an attractive solution to high power problems.

For more information is available on the Westcode Semiconductors website at www.westcode.com or please contact Westcode via email: WSL.sales@westcode.com or telephone: +44 (0)1249 444524 for 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 Corporation

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 efficiency, renewable energy, telecommunications, medical devices, flexible displays and RF power.