

PRESS RELEASE

Distribution: PCIM Europe Magazine – Exhibition Issue
IXYS Semiconductors GmbH
Date: 23 April 2003

Isolated Base Power Modules



IXYS Semiconductor GmbH and Westcode Semiconductors Limited (Stand 301) has extended the range of its existing Industry Standard outline dual isolated base thyristor and diode modules.

Combining the pressure contact technology of Westcode Semiconductors with the isolated package expertise of IXYS creates a new class of module. The isolated base power modules are introduced in six configurations including; dual diode, dual thyristor and diode thyristor combinations. Thyristor modules are rated for average current of 500A and the diode modules for 600A. Four voltage ratings are available in each configuration; 1.2kV, 1.4kV, 1.6kV and 1.8kV, with higher voltages projected for future introduction.

These industry standard devices are suited to all applications requiring isolated base, phase control and rectifier products, for example Rectifiers, Soft Starts, Drives & UPS. The robust mechanical structure also makes these devices suitable for use in transportation and induction heating as well as industrial installations. This new family of devices offers characteristics that are competitive against all similar products in their class.

Additionally, the highly experienced design team within IXYS and Westcode Semiconductors are able to offer individually engineered extended solutions. Combining these new products in sub assemblies complete with cooling, snubbers and gate trigger circuits as required. Data sheets, pricing and samples are available now by contacting the Customer Service Team at Chippenham (email: WSL.sales@westcode.com) or by telephone: +44 (0)1249 444525 or visit us at PCIM 2003, Stand 301, Hall 12.

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