

PRESS RELEASE

Date: 8th September 2005

New additions to Medium Voltage thyristor range



Westcode Semiconductors Limited (An IXYS company) announces new additions to its range of Medium Voltage thyristors. The new 3.6kV and 4.2kV devices have an average current rating of 3362A and are encapsulated in 75mm (2.95") pole face hermetic pressure contact packages.

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extending the range of average current rating available in this voltage class. Offering improved characteristics over similar rated phase control devices.

Unlike conventional phase control devices, Medium Voltage thyristors incorporate distributed gate architecture for improved turn-on characteristics and enhanced di/dt capability. Advanced processing results in a device with more predictable dynamic characteristics than a conventional phase control device with reduced tq and recovery time, at minimal cost to the static characteristics. The unique properties of these devices make them particularly suitable for medium voltage applications. Predictable characteristics simplify their use in applications requiring series operation of the device, permitting the use of smaller static and dynamic sharing components.

Typical applications are DC drives, Soft-starts and Utility applications such as HVDC, static VAR compensators, excitation and transfer switches.

The devices are available in two voltage classes and two package options; K3362TC360 and K3362TD360 which are rated at 3600V and housed in a 26mm (1") and 35mm (1.38") thick packages respectively, plus K3362TC420 and K3362TD420 which are in corresponding packages rated at 4200V.

For a data sheet 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 444525 for quotation or further details.

Author: F J Wakeman – Marketing & Evaluation Manager
Company: Westcode Semiconductors Ltd, Langley Park Way, Langley Park, Chippenham, Wiltshire SN15 1GE
England UK
Contact Details: Tel: +44 (0)1249 444525
Fax: +44 (0)1249 659448
Email: frank.wakeman@westcode.com