

# PRESS RELEASE

Date: 3<sup>rd</sup> May 2006

---

## New 4.8kV Rectifier Diode type W2899MC480



Westcode Semiconductors Limited (An IXYS company) announces a new addition to its range of rectifier diodes. The new 4.8kV device has an average current rating of 2899A and is encapsulated in a 50mm pole face hermetic pressure contact package. This new introduction continues IXYS strategic program of maximising the power for volume and weight of its

**Westcode branded pressure contact rectifier products – *More power, less package!***

The 2899A average current rating represents a 50% increase over contemporary products of the same voltage and overall package size. Improved performance is achieved by maximising the active silicon area and an improved vertical structure. In addition to the increased average current rating, the device also offers enhanced surge rating of 28kA and can be supplied to special order in an explosion rated housing. The new device is available within the voltage range of 3.2kV to 4.8kV.

Increasing the power for weight of these rectifier diodes aids in 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 a data sheet please go to the Westcode website at [www.westcode.com](http://www.westcode.com) or please contact us at (email: [WSL.sales@westcode.com](mailto:WSL.sales@westcode.com)) or telephone: +44 (0)1249 444525 for quotation.

---

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](mailto:frank.wakeman@westcode.com)