

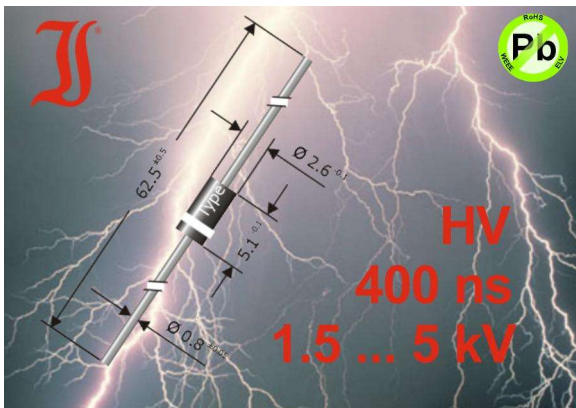
Press Release

016e 09 May 2005

High Voltage Rectifiers for Fast Switching

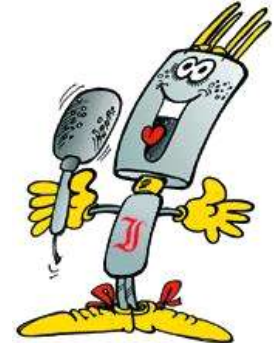
Faster than 400 Nanoseconds at up to 5000 Volts

The axial leaded diode types HV1.5 to HV5 expand Diotec's range of high voltage rectifiers. The parts are offering blocking voltages of 1.5 kV, 2 kV, 3 kV and 5 kV in standard packages DO-41 respectively DO-15. Forward currents are between 200 mA and 500 mA. Reverse recovery times of less than 400 ns allow for usage even at higher switching frequencies.



High resolution picture for download at www.diotec.com, "Service"

Applications for such high blocking devices are e. g. electronic ballasts in lighting applications, but also any other circuits where usual blocking voltages are not sufficient. The parts comply to RoHS directive and complete the existing ranges of standard rectifiers having 2 kV in SMD and up to 16 kV in axial leaded version.



Stand 12-128