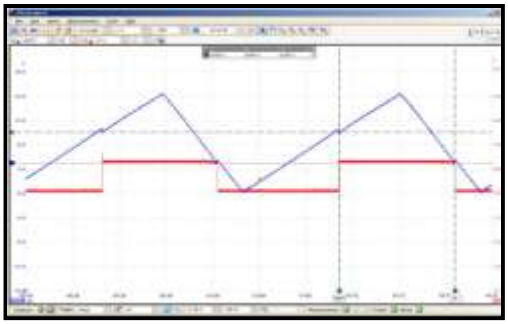
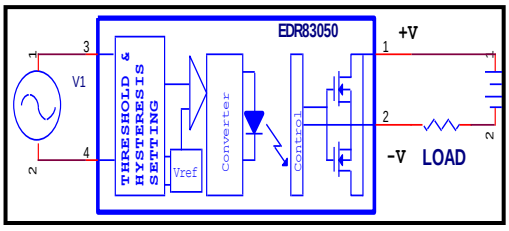
EDR/VSHOLDING announces the "xTxL" family of SSRs with high precision, wide hysteresis window comparator and varied contact forms rated at various voltages/currents





Louisville KY, USA – June 01, 2016. Electronic Design and Research, Inc. a leader in developing and manufacturing innovative Solid-State Modules, announced availability of SSRs with a precision window comparator input for monitoring an input voltage and high-power output. Devices are available with the output contact forms as a SPST or "DTxL" (1 Form A or 1 Form B), SPDT or "TTxL" (1 Form C) and DPST and "WTxL" (2 Form A, 2 From B or 1 Form A and B).

The xTxL relays can work directly off a control signal, if it can provide 10 mA current. If a control signal is a low power 10 μA or so, an external power source of any voltage from 5.0 V to 36.0 V and 10 mA is required. Threshold and hysteresis are set during production. Your custom-specified hysteresis is FREE for minimum orders of 250 relays, or a $50 fee for smaller orders.

Other features: 5% voltage threshold accuracy is a standard, 1% is available, immune to brief input transients, and fast turn-on delay within 2 ms and turn-off less than 0.3 ms, and various output voltages and currents are offered.

Device physical size varies and mostly depends on output voltage/current rating. For example, P/N EDR83050/3 or DT1L60D5/10-5 (SPST-NO) rated at 60 VDC and 5 A with the hysteresis set at 10 V (on) and 5 V (off) encapsulated in a SIP4 package 0.61" H x 1.485" L x 0.29" W. Larger packages are used for switching higher power.

We rate all our devices without considering an external heat sink, thus removing confusion in selecting a proper device for your applications. Our devices have been good candidates for energy efficient applications, while PWM abilities support enhanced design flexibility and precision control.

Small quantities of devices are available from our stock and can be shipped in couple of days. Production capacity is up to 10,000 per month. Cost varies depending on device and quantities, for example, p/n EDR83050/xx costs $66.57 each, but only $47.84 each in quantities of 1,000 or more. http://www.vsholding.com/datasheets/EDR83050%20wide%20hysteresis.pdf

Electronic Design & Research Inc. is a small high-tech company that develops and manufactures high-performance solid-state modules, such as relays/switches, high-speed push-pull drivers, several families of H-drivers, highly efficient Charge-and-Add DC/DC converters, high-current switching systems capable of delivering megawatts of power in 50 ns, power distribution switches for power back-up systems. For biomedical applications, we offer a super-high resolution EKG for recording the His Bundle signal from a body surface on beat-by-beat basis, high-speed biases generator (DDS-701, HSBG-602, etc.) for MRI/MRS, etc. EDR's innovative solutions serve high-growth applications within the automotive market, thermo-electrical coolers/heaters, with additional focus on aviation, and industrial solutions, and various research facilities. Further information about EDR Inc. can be found at http://www.vsholding.com

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