



# ACL Solenoid Driver

Designed to turn high Watt solenoids into a highly efficient ultra low Watt device.

Ideal for solar packages and any other system that requires a reduction in power consuming solenoid valves.

CSA approved for Class I, Div 2 location (Groups A, B, C and D)

Uses proven and reliable microprocessor technology.

Unique packaging allows it to be used in terminal boxes as well as control panels.

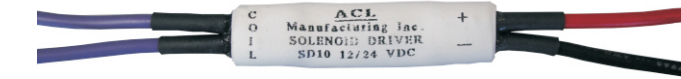
Reverse polarity protected.

Available in 3 different driver sizes for all types of Solenoids.

Also available with 10 second Time Delay On.

Simple and easy to install.

12/24 VDC Supply.



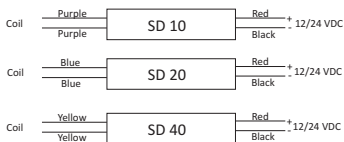
ACL Solenoid Drivers



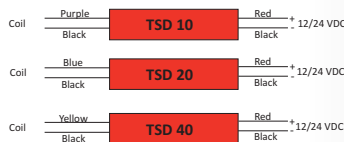
Time Delay Solenoid Driver



ACL Manufacturing Inc. has developed a new device to reduce your power consumption of all solenoids. The ACL-SD line of solenoid drivers will increase the life of your solenoids, reduce current draw and eliminate any heat generated by the solenoids. These solenoid drivers can reduce power consumption on a standard solenoid from 9.5 Watts down to 0.2 Watts. ACL's proprietary technology provides for a uniquely small device which is totally encapsulated to fit in any box or control panel.



ACL Solenoid Drivers



Time Delay Solenoid Driver

**Theory of Operation:** Turning on the supply provides peak voltage to the solenoid to turn it on then reduces the cycle of voltage provided to it just enough to hold in the coil. This has several advantages such as reduced voltage spikes when solenoid is turned off and on as well as incredible power reduction. The solenoid driver comes in 3 different sizes (SD-10, SD-20, SD-40) which can be matched up with any solenoid on the market.

