



# ACL

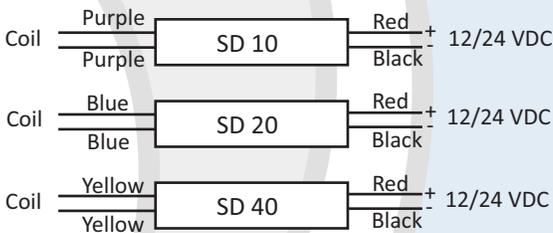
## Manufacturing

A Division of ClearRushCo.

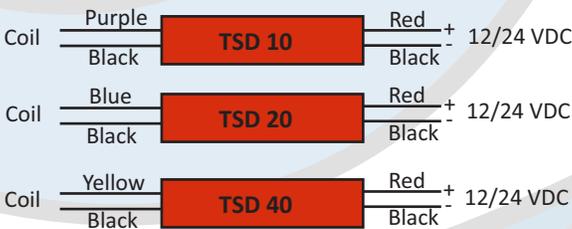
# ACL Solenoid Drivers

## Model: ACL - SD 10 - SD50

### ACL Solenoid Drivers



### Time Delay Solenoid Drivers



The **ACL Solenoid Drivers** has developed a device to reduce the 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 propriety technology provides for a uniquely small device that is totally encapsulated to fit in any box or control panel.

**Theory of Operation:** Turning on the power supply provides peak voltage to the solenoid to turn it on, then reduces the duty cycle of voltage provided to it just enough to hold in the coil. This has several advantages such as reduced voltage spikes when the solenoid is turned off and on as well as incredible power reduction.

The solenoid driver comes in 4 different configurations (SD-10, SD-20, SD-40, SD-50) which can be matched up with any solenoid on the market.

(See product specification sheet on reverse)

[www.clearrushco.com](http://www.clearrushco.com)

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 Box 1898, 5406 Township Road 325B  
 Sundre, AB T0M 1X0  
 Canada



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## ACL Solenoid Drivers

**Model: ACL - SD 10 - SD50**

### Features

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 1, Div 2 locations (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.

Available with 10 second time delay before turning on (TD-10, TD-20, TD-40, TD-50).

Simple and easy to install.

12 / 24 VDC supply voltage.

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