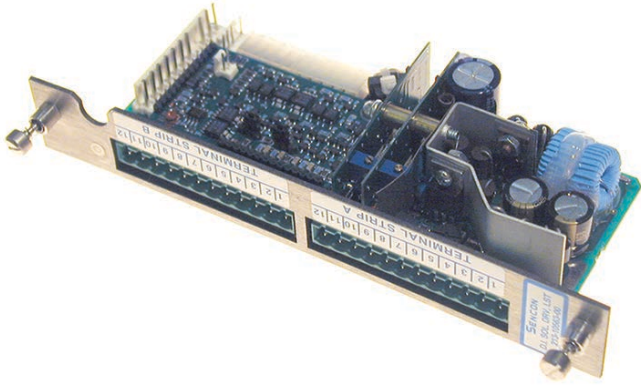


## High Speed Driver Cards

### REDUCES INACCURACIES AND WASTE IN CRITICAL PROCESS CONTROL APPLICATIONS

Capable of driving the most advanced spray guns currently available



**DUAL CURRENT LACQUER SPRAY TIMER (LST-XX-DI)** — Designed to drive the most advanced spray guns, including the latest MEG™ guns. (Can also be used as a direct replacement for the old Sencon LST-xx-3). Even if you are only considering future investment in MEG™ guns, this upgrade will drive the existing solenoids until the new guns are installed. A simple internal adjustment switches between traditional and the more advanced gun designs.

**DUAL VOLTAGE LACQUER SPRAY TIMER (LST-XX-DV)** — This system is a direct replacement for the original LST-xx-30. The system accurately times and operates inside lacquer spray solenoids. It will drive up to 40 Watt DC solenoids, using dual voltage driving techniques for faster turn-on and turn-off.

#### BENEFITS

Suitable for use with 12 or 24 Volt DC solenoids of up to 40 Watt

Trigger inputs are sink or source selectable

14 Volt power rail and inhibit input provided

Three different driver boards available to fit a wide range of applications

Adjustable pick-up time from 5 to 35 ms

Adjustable hold voltage from 5 to 17 VDC

#### LST-XX-DI FEATURES

- For voltage operated DC solenoids up to 40 Watts or for the MEG™ gun
- Power supply does not droop or sag—instant recovery between sprays
- The solenoid switching circuits are in the power module
- Timer circuits are optically isolated, further protecting against false triggers
- The system has two INHIBIT inputs to force the guns off for servicing

#### LST-XX DV FEATURES

- For DC solenoids up to 40 Watts.
- Power supply does not droop or sag—instant recovery between sprays
- The solenoid switching circuits are in the power module.
- Timer circuits are optically isolated, further protecting against false triggers.
- The system has two INHIBIT inputs to force the guns off for servicing.

#### ORDERING INFORMATION

PRODUCT	DESCRIPTION <i>Please consult your local sales office for specific requirements</i>	
213-10427-01	Dual Channel DV Solenoid Driver for general purpose use. Two distinct DC trigger signals energize the corresponding solenoids.	
213-10427-02	Dual Channel DV Solenoid Driver for general purpose use. Dual acting.	
213-10563-00	Dual Channel DI Solenoid Driver for use with Lacquer Spray Timers with thumb wheel adjustment. <b>PLEASE NOTE</b> : Not for use with digital timer modules.	
213-10563-01	Dual Channel DI Solenoid Driver for general purpose use. Two distinct DC trigger signals energize the corresponding solenoids.	
213-10563-02	Dual Channel DI Solenoid Driver for general purpose use. Dual acting.	
213-10563-05	Dual Channel DI Solenoid Driver. <b>PLEASE NOTE</b> : Only for use with digital timer modules.	
213-40375-00	Card cage: mounts directly to a panel using the built-in standoffs. Power supply connections provided.	
213-40375-01	Card cage: mounts to commercially available 3-inch snaptrack. Power supply connections provided.	
213-40378-22	Power supply: 120VAC Input, 40/00 DC Output	40 Volt DC unregulated power supply with high current rectifier diodes and capacitive energy storage for peak inrush currents during the 'pick-up' phase. Supply rating is 70 Watts continuous duty with a much higher peak power rating.
213-40378-23	Power supply: 230VAC Input, 40/00 DC Output	<b>PLEASE NOTE</b> : Most commercially available power supplies do not have the peak power capability required to operate high speed solenoids.