

## Electrical Drive Data

Model	LST50
Classification	Safety/Process
Number of Wire Leads, Std.	Two, 22 g, Teflon leads and Jacket, .15" Dia.
Number of Wire Leads, Options	None
Cable or Wires, Length	Teflon Cable, 3 feet
Cable/Wire Termination	Flying leads, LEMO plug if controller ordered
Recommended Controller and Voltage Present	Capacitor Discharge 24 V, 24 V PWM, or our controllers
Shutter Winding Resistance	32 Ohms Nominal
Gravity Considerations	Symmetric Open/Close speed with base down
Typical Minimum Hold Open Voltage, Room Temperature	10 V
Typical Hold Open Power Dissipation as Heat	3 W
User Power Supply Notes	24 V, 1 A Rating
User Drive Circuit, Cap Discharge	24 V, C=2200 microF, R=30 ohm Use 1N4001 Flyback Diode, Zener
Nominal Winding Inductance	15 mH
User Drive Circuit, PWM Type	24 V for 30 ms, then drop to 10-12 V hold, Use Flyback Diode, Zener
Color Codes and Function of Wires	Red and Black to winding