

Electrical Drive Data

Model	LSH4
Classification	Safety/Process
Number of Wire Leads, Std.	Two, 22 g, Teflon Wire & Jacket Ins.
Number of Wire Leads, Options	None
Cable or Wires, Length	6 inches, Cable if controller ordered, 10 feet
Cable/Wire Termination	Flying, LEMO plug if controller ordered
Recommended Controller and Voltage Present	12 VDC Direct or our controllers
Shutter Winding Resistance	75 Ohms Nominal
Typical Minimum Hold Open Voltage, Room Temperature	8 V
Typical Hold Open Power Dissipation as Heat	1-2 W
User Power Supply Notes	12 V, 250 mA Rating
User Drive Circuit, Cap Discharge	12v, C=470 microF, R=35 ohm, use 1N4001 Flyback diode
Nominal Winding Inductance	10 mH
User Drive Circuit, PWM Type	12 V for 25 ms, then drop to 8 V hold, use above described flyback
Color Codes and Function of Wires	Red and Black to winding