

## Electrical Drive Data

Model	LS055
Classification	High Speed Modulation/Gating/Exposure
Number of Wire Leads, Std.	Two active to winding
Number of Wire Leads, Options	None
Cable or Wires, Length	PVC Jacket cable, 0.17" Dia. Nominal, 10 feet
Cable/Wire Termination	3-Pin Switchcraft TA3ML connector, Mating Receptacle is TY3F Switchcraft
Recommended Controller and Voltage Present	CX2250, 95 V impulses, 350 V for 50 microsec
Shutter Winding Resistance	13 ohm nominal at room temp
Typical Minimum Hold Open Voltage, Room Temperature	22 V
Typical Hold Open Power Dissipation as Heat	45 W
User Power Supply Notes	Budget 2 A at 36-48 VDC
User Drive Circuit, Cap Discharge	P/S = 36-48 VDC, C~3300 mF, R~10-15 Ohms, Flyback diode 1N4001 and 36 V + Zener, Use FET or Bipolar switch
Nominal Winding Inductance	20 mH
User Drive Circuit, PWM Type	Apply 36-48 V for 8 msec, drop to 24 V hold Use above described flyback arrangement
Color Codes and Function of Wires	White or Red, and Black, to Winding