

Electrical Drive Data

Model	LST200
Classification	High Speed Modulation/Gating/Exposure
Number of Wire Leads, Std.	Two active to winding, one earth ground body
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	22 ohm nominal at room temp
Typical Minimum Hold Open Voltage, Room Temperature	15 V
Typical Hold Open Power Dissipation as Heat	10 W
User Power Supply Notes	Budget 1 -2 A at 36-48 VDC
User Drive Circuit, Cap Discharge	P/S = 36-48 VDC, C~330 mF, R~25-50 Ohms, Flyback diode 1N4001 and 36 V + Zener, Use FET or Bipolar switch
Nominal Winding Inductance	10 mH
User Drive Circuit, PWM Type	Apply 36-48 V for 3 msec, drop to 15 V hold Use above described flyback arrangement
Color Codes and Function of Wires	White or Red, and Black, to Winding