

## HIGH VOLTAGE LOW INDUCTANCE ENERGY DISCHARGE CAPACITORS



For many years, a highly qualified Sangamo research team has been engaged in a dual-purpose program: to evaluate all existing and potential applications of Energy Discharge Capacitors, and to establish detailed design criteria to meet the broad range of requirements. Sangamo's goal was to define a delicate balance of reliability, long life, efficient mechanical configuration and competitive pricing for each specific application.

TABLE	OF	CONTENTS	
Introduction	3	Mechanical Design Criteria	
Electrical Design Criteria		Case Styles	8
Energy	4	Capacitor Sections	8
Inductance	4	Dielectric	8
Resistance	4	Summary	9
Ringing Frequency	5	Standard Ratings	
Voltage Reversal	5	Type EDC	10
Current	6	Special Discharge Capacitors	10
Life Expectancy	6	Type LDC	11