



# 762 VOLT ARRESTORS

Delta Arrestors™ for 762 Volt Oilfield Applications or other Applications Above 600 Volts.

## 800 SERIES SPECIFICATIONS

Type of design	Silicon Oxide Varistor
Maximum current	100,000 amps
Maximum energy	3000 joules
Maximum number of surges	Unlimited
Response time one milliamp test	5 nanoseconds
Response time to clamp 10,000 amps	10 nanoseconds
Response time to clamp 50,000 amps	25 nanoseconds
Leak current at double the rated voltage	none
Leads	36" #12 3kv Str
Case material	PVC
Locknut and Washer furnished	



**NIPPLE**  
1/2" Thread

## SIMPLE INSTALLATION

Fasten the Arrestor in the motor control box. Connect the black wires to the line below the main disconnect. Connect the white wire to the ground lug on the box. Connect a #8 wire from the ground lug to the motor. If the distance between the motor and the control is significant, a second arrestor may be connected at the junction box of the motor.

**CASE DIMENSIONS: 4 1/2" High**  
**2 1/4" Diameter**

**LA 803 for 800 Volt 3 Phase 4 Wire Service**

**LA 802 for 800 Volt Single Phase 3 Wire Service**

**LA 801 for 800 Volt Single Phase 2 Wire Service**

<b>Conduction Characteristics</b>						8 X 20 microsecond wave shape ANSI IEEE NEMA STANDARD	
Discharge Current	5000 A	10000 A	20000 A	40000 A	60000 A	80000 A	100000 A
Clamping Voltage	500 V	1000 V	1100 V	1600 V	2400 V	4200 V	5500 V
	Unlimited Operations					One Operation	
<b>DELTA LIGHTNING ARRESTORS,™ INC.</b>						P. O. BOX 750 BIG SPRING, TEXAS 79721	