



LIGHTNING ARRESTORS



WLA500



WLA5003



WLAT500



WLAT5003



WLAHD550



WLAHD5503



WLAHDT550



WLAHDT5503

Economy and Heavy-Duty Models (Single or 3 Phase Power)

- (MOV) Varistors Used for Positive Discharge of High Voltage Surges
- 120 / 240 Volt Single Phase or Three Phase Installations
- For Surges of 500+ Volts - High Voltage Directed to Ground Wire
- Heavy-Duty Models Have Threads and Nut to Attach to Electrical Panel
- Application: Lightning Arrester Can Be Used with a Variety of Enclosed Motor Controls.

Including: WELL PUMP CONTROLS (2 wire or 3 wire motors)

- Recommended use: 1. BOTH THE PRESSURE SWITCH AND CONTROL BOX
2. PRESSURE SWITCH
3. CONTROL BOX

NOTE: If only one lightning arrester is used, the pressure switch arrester location offers an acceptable compromise for water system protection.

Lightning Arrestors

Order No.	UPC Bar Code (Qty. 1)	Description	Wire Lead Length	Approx. Wt./Lbs.
WLA500	6 42367 08674 9	Economy model for single phase standard electrical connection	8"	0.1
WLA5003	6 42367 08800 2	Economy model for three phase electrical connection	8"	0.2
WLAT500	6 42367 08675 6	Economy model, terminal lugs included , for single phase standard electrical connection	8"	0.2
WLAT5003	6 42367 08801 9	Economy model, terminal lugs included , for three phase electrical connection	8"	0.2
WLAHD550	6 42367 08676 3	Heavy-duty model for single phase standard electrical connection	30"	0.2
WLAHD5503	6 42367 08677 0	Heavy-duty model for three phase electrical connection	30"	0.3
WLAHDT550	6 42367 08802 6	Heavy-duty model, terminal lugs included , for single phase standard electrical connection	30"	0.3
WLAHDT5503	6 42367 08678 7	Heavy-duty model, terminal lugs included , for three phase electrical connection	30"	0.3

Installation - 120 volt or 240 volt Single Phase System

In either pressure switches or control boxes, attach a black lead of the arrester to each incoming power connection. Control box connections are marked "L1 and L2." For control box installation, put the black lead wires of the lightning arrester under the control box terminals "L1 and L2." WELL PRO and Square D pressure switch connections are both marked "LINE." The white arrester lead is connected to the ground terminal or screw in either control box or pressure switch. Complete the installation by grounding the control box and pressure switch with No. 12 wire or larger, to the best possible earth ground. In order of preference they are as follows:

1. Well casing - metal only
2. Copper ground rod
3. Galvanized rod or pipe driven into MOIST ground at least 6 feet
4. Copper plumbing if connected to good earth ground
5. Electrical aluminum conduit if connected to good earth ground



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