

# THREE-PHASE LIGHTNING ARRESTORS – ECONOMY & HEAVY-DUTY – BELOW 300 VOLTS OR 600 VOLTS

## SPECIFICATIONS:

- Purpose: The lightning arrester is designed **to protect** motors and controls from voltage surges caused by lightning, switching loads, or power line interferences. Surges of 400 volts or more are directed to the ground by the lightning arrester. Although the arrester may or may not take repeated surges, no arrester can withstand a direct lightning strike or an unusually high-voltage surge.
- (MOV) Varistors are used for positive discharge of high voltage surges.
- 120/240-volt three phase installation.
- For surges above 300 or 600 volts, high voltage is directed to the ground wire.
- Heavy-duty models have threads and a nut for secure attachment to an 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).
- Location Options: (1) PRESSURE SWITCH (2) CONTROL BOX (3) BOTH THE PRESSURE SWITCH AND CONTROL BOX (BEST)
- **NOTE:** If only one lightning arrester is used, the pressure switch location offers economical water system protection.



No Lead



PRODUCT DETAILS			
Part No.	Wire Lead Description	Length	Approx. Wt./Lbs.
LA5003	Economy model for three phase below 300 volt electrical connection	8"	0.2
LAT5003	Economy model, <b>terminal lug incl.</b> , for three phase below 300 volt electrical connection	8"	0.2
LAHD5503	Heavy-duty model for three phase below 300 volt electrical connection	30"	0.3
LAHDT5503	Heavy-duty model, <b>terminal lug incl.</b> , for three phase below 300 volt electrical connection	30"	0.3
<b>High Voltage Models - for systems below 600 volts</b>			
LA5003HV	Economy model for three phase below 600 volt electrical connection	8"	0.2
LAT5003HV	Economy model, <b>terminal lug incl.</b> , for three phase below 600 volt electrical connection	8"	0.2
LAHD5503HV	Heavy-duty model for three phase below 600 volt electrical connection	30"	0.3
LAHDT5503HV	Heavy-duty model, <b>terminal lug incl.</b> , for three phase below 600 volt electrical connection	30"	0.3