ACT COMMUNICATIONS™

222 North Center Street
Bonham, TX 75418
(903) 583-8097

ACT LPA Light Pole Arrestor

LPA-480-036-CN

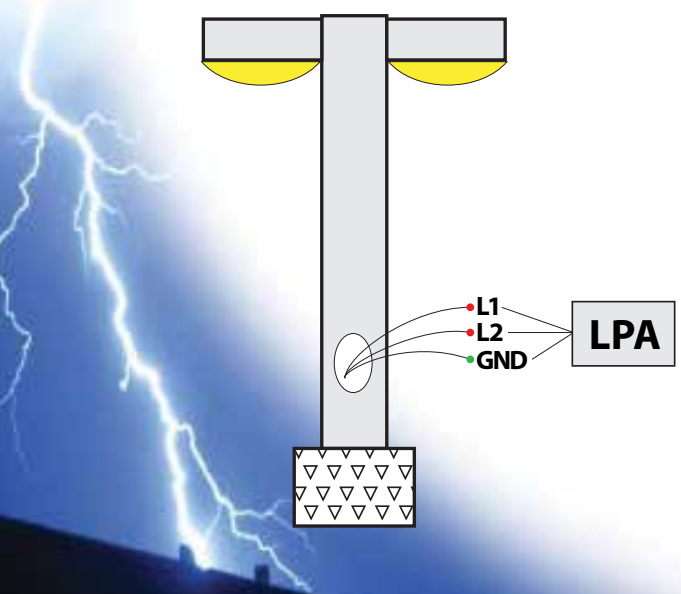
INSTALLATION INSTRUCTIONS

1. Verify SPD rated voltage matches light pole supplied voltage
2. Remove electrical cover plate from light pole
3. Connect SPD lead wires to light pole terminal lugs (wire leads should be cut to shortest distance possible)
   - Black lead- Hot 1
   - White Lead- Neutral/ Hot 2
   - Green- Ground

-RL Remote LED (Optional)

1. Cut LED Black and Red wires with enough length to work with
2. Drill 1/4" hole where LED is to be placed
3. Insert LED leads through hole and pull tight until LED snaps into place
4. Reconnect Black and Red wires using the supplied twist caps

TYPICAL INSTALLATION



FEATURES AND BENEFITS

- Provides 30kA amps single-pulse surge current Line to Neutral or Line to Ground
- Discrete protection on both Line to Ground and Line to Line
- Protects facilities parking lot lighting against lightning transients
- Protects Point of Equipment like well pumps, motors and computer equipment
- Includes pre-wired pigtails to facilitate quick installations
- Fail Safe Open – Meets UL 1449 5th Edition
- Indicator Light can be installed remotely (-RL option)
- 1 Year Warranty

MECHANICAL SPECIFICATIONS

Dimensions	3" x 2" x 2"
Weight	15 oz
Enclosure - NEMA 4X	Plastic UL-94VO
Operating Temp	-40C to+60C
Non-condensing Humidity	5% to 95%

ELECTRICAL SPECIFICATIONS

Connection Method	Parallel
Protection Modes	L-L, L-G
Pre-wired	18" stranded #14 AWG
Status Indicators	Local & Remote LED option

Specifications are subject to change without notice

STANDARDS MET

- Listed by ETL for UL 1449 5th Edition
- ANSI/IEEE C62.41, C62.45
- ANSI/NFPA 70 National Electrical Code

MODEL NUMBER	SYSTEM VOLTAGE	SYSTEM CONFIGURATION	PROTECT MODE	MCOV	SVR
LPA-240-036	240V	2 Wire +G	L-L	320	800
			L-G	320	800
LPA-480-036	480V	2 Wire +G	L-L	550	1800
			L-G	550	1800

Options:
-CN ½" Chase Mounting Nipple
-RL Remote Status LED

All tests were performed with 6" lead lengths, positive polarity.
All voltages measured from the zero reference point.