

## TECHNICAL DATA

### Lightning Strike Recorder

LSR - 1

#### Description

LPI has developed a Lightning Strike Recorder (LSR) which, when installed on a downconductor, effectively counts the number of lightning discharges which have been intercepted by Lightning Air Terminal. LSR-1 can be simply installed on all other types of downconductors. Using a non-intrusive inductive pickup, LSR-1 will accurately record a lightning strike for reference. .



#### Features

- \* Simple installation. LSR can be retro-fitted to any lightning protection system.
- \* Non-resettable mechanical 6 digits display
- \* IP67 rated enclosure.
- \* No battery required. Actuated by lightning current.
- \* Triggering Sensitivity : 1,500 A (8/20)
- \* Operating Temperature : - 40 to 50 deg C

#### Installation Guide

Lightning Strike Recorder can be installed at any location on the the downconductor route between the air terminal and it's grounding system.

Using a screwdriver, fully release both clamps and pass the loose ends of the clamps behind the downconductor and put it back into the clamp mechanisms.

Tighten the clamp until the LSR sits firmly. **Do not over-tighten.**

The LSR should be mounted in line with the downconductor as shown below.

