



LPI® Lightning Strike Recorder (LSR1)

- **Product Description**

LPI® Lightning Strike Recorder (LSR) is a lightning event counter. The LSR is simply mounted at any location along the downconductor route. It's purpose is to record the number of strikes captured by the lightning terminal and conveyed by the downconductor.

The LSR operates by sensing current by means of an inductive pick up loop. The loop passes along the inside surface of the bottom of the enclosure. With the voltage impulse detected by the current transformer (CT) a trigger to the pulse counter then turns the counter over to register the event. The Recorder is mounted in a polycarbonate enclosure rated IP67. No external connections are required. Completely waterproof and may be mounted in any position indoor or outdoor.

- **Technical Data**

Description:	Lightning Strike Recorder for lightning strikes or transient events
Ordering code:	LPI LSR1
Current sensitivity:	1500A 8/20µs impulse
Operating range:	Min 1500A, max > 220kA 8/20µs
Display:	Mechanical 6 digits display (not re-settable). Each digit 0-9. Max reading 999999
Dimensions:	80mm(B) x 82mm(H) x 65mm(D)
Mounting:	Adjustable stainless steel cable ties to accommodate a cable up to 40 mm dia. cable or 50mm x 5 mm flat tape
Weight:	0.4Kg
Construction:	Polycarbonate enclosure, clear lid IP 67 rating (IEC 529)
Colour:	Light grey
Operating Temperatures:	-15°C to +65°C



- **Warranty**

This product is guaranteed to be free from materials and workmanship defects for a period of 5 years from the date of shipment from the manufacturer. This warranty does not offer any cover for consequential damage, loss of operation or loss of profit.



- **"LPI Endorsed Product"** – The symbol of assurance of quality and performance.
- LPI has a policy of continuing product development. Therefore, the above specifications are subject to change without notice.

LPI® - Innovative Lightning and Surge Protection Solutions



Direct Strike Protection



Surge & Transient Protection for Power, Data, Communications and RF lines



Grounding Products & Solutions