

## TECHNICAL DATA SHEET

### Section P - LPI<sup>®</sup> Lightning Strike Recorder

LPI<sup>®</sup> Lightning Strike Recorder (LSR2) is a lightning strike counter. The LSR2 is simply mounted at any location along the downconductor route. Its purpose is to record the number of strikes captured and conveyed by the downconductor.



Ordering Code	LSR2
Description:	Lightning strike recorder
Current sensitivity:	1500 A 8/20 $\mu$ s impulse
Operating range:	Min. 1500 A and Max. 220 kA 8/20 $\mu$ s
Display:	Mechanical 7 digits display (not re-settable).
Dimension:	100 mm (B) x 100 mm (H) x 55 mm (D)
Weight:	0.56 kg
Mounting:	Releasable UV resistant plastic cable ties suitable for up to $\varnothing$ 40 mm cable or 50 x 5 mm flat tape
Construction:	Polycarbonate enclosure
Colour:	Light grey & blue
Environment:	IP 67 (IEC 529)
Operating temperature:	-15°C to 65°C

### LPI<sup>®</sup> Lightning Strike Recorder Tester

LPI<sup>®</sup> Lightning strike recorder tester is a high-current injection device designed to trigger a reading on an LPI Lightning Strike Recorder (LSR2).



Ordering Code	LSR-TESTER
Description:	Lightning strike recorder tester
Impulse output:	2 kA peak simulated lightning impulse
Open circuit output:	55 Volts
Time between impulses:	20 seconds
Display:	Red "Testing" LED indicator
Dimensions:	190 mm (L) x 100 mm (W) x 35 mm (H)
Mounting:	Portable unit, no mounting required
Construction:	Polycarbonate Enclosure, IP 30 rating
Colour:	Light grey
Weight:	0.58 kg
Working temperature:	-15°C to 65°C
Batteries:	8 x AA 2000 mAh NiMH rechargeable Recharge time up to 16 hours