MISSION-PROVEN LIGHTNING AND TRANSIENT MONITORING FOR YOUR ASSETS

Jupiter - Transient Monitoring System

Lightning can infiltrate your power infrastructure and sensitive electromechanical systems in many ways. Direct lightning strikes to your facility or assets pose an obvious hazard, but nearby strikes can be equally damaging, particularly if lightning signals are strongly coupled into power and other utilities that enter your facilities.

SLS designed Jupiter TMS to reliably monitor, accurately measure, and quickly report lightning related transient signals that may compromise the integrity of your sensitive assets.

1417 Chaffee Drive, Suite 4, Titusville, FL 32780
+1 321-607-6382   www.sls-us.com

FEATURES

- **Zero dead time** recording with 100% transient detection efficiency
- **Small, low-power, rugged, easily deployable**
- Tested, **proven immunity to real lightning electromagnetic effects**

CAPABILITIES

- **Accurate measurement of direct or coupled transients in a hostile lightning environment**
- **High bandwidth, high-fidelity current, voltage, and electromagnetic field measurements**
- **Near real-time alerts, reporting and characterization of recorded transient events**

SPECIFICATIONS

Power	24 VDC*
Communication	Cell / Fiber LAN
Channels	4 Analog Channels
Input	Balanced Differential
Input Range	± 200mV - ± 200V
Sampling Rate	80 (up to 125) MS/s
Resolution	14 bits
Memory	4 GB
Supported Sensor Types	Magnetic Field Sensors Electric Field Sensors Current Sensors Voltage Sensors

*Adapter provided for AC Power