Lightning Protection Modules

FEATURES & CAPABILITIES

Trafficware Lightning Protection Modules guard on-street computer controlled traffic devices from lightning, static, and other types of induced electrical surges. These modules provide high quality protection by using circuits with quick transient responses to instantly clamp the surge's wave front and then use high joule devices to complete the termination of the transient's energy. All models provide protection to standard twisted-pair communications lines. The LPM-25V6/150V2 provides transient protection for a telephone line interface, and the LPM25V4/150V4 provides transient protection for two telephone line interfaces.

- Closed-loop communications line surge protection
- TXDOT approved devices for communications line lightning protection

SPECIFICATIONS

Connectors:	6-32 screw terminals
Clamp Voltage:	6V, 25V, 60V, 200V
Response Time:	<1 nanosecond
Peak Current:	5kA
Insertion Loss:	<-1db at 10 MHz
Resistance (RS):	2.4 ohms
Temperature:	-55°C to +85°C
Dimensions:	4.75" x 4.25"

FOR MORE INFORMATION VISIT TRAFFICWARE.COM

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SRA-6LC
SURGE ARRESTOR

FEATURES & CAPABILITIES

One SRA-6 series suppressor provides protection for one loop amplifier channel. The SRA-6 should be installed as close as possible to the point where the detector loop wires enter the controller cabinet. Connect one of the flexible leads to each end of the loop wires. The common connection (bolt, tab, green wire) should be connected to earth ground.

Optimum performance is obtained by shortening the flexible leads as much as possible. Also, the lowest possible impedance should be provided to the cabinet ground.

- Lightning protection for loop amplifiers
- Differential and common mode surge protection
- Designed for digital type amplifiers
- Automatic recovery
- Epoxy/PVC encapsulated
- Easily installed
- Designed for long life protection

SPECIFICATIONS

Clamp Voltage After Breakover:	Differential Mode 25 V max
Response Time:	<5 nanosecond
Peak Surge Current:	Differential Mode 750 A max
Inpute Capacitance:	35 pF at 1 Khz
Temperature:	-40°C to +85°C

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