



LIGHTSync™ DTS

Data Line
Transient Suppressor

- Designed to help protect the LightSync data line from transient voltage surges and spikes
- Protects LightMaster panels and LightSync devices
- Protects data and power
- Connects directly to the data line via CAT-5 cable and RJ-45 connectors
- Highly suggested for data line runs between buildings
- Supplied with mounting bracket and TEK™ screws for easy mounting
- Grounding provided through mounting bracket



Overview

The ILC Data Line Transient Suppressor protects lighting control equipment connected to a LightSync data line from induced spikes and surges on the data line. This will help protect panels and LightSync devices. Although lightning events cannot be completely suppressed, data line surges from magnetic induction or capacitive coupling can be suppressed, preventing damage to lighting control equipment. The suppressor features a three-stage clamping circuit employing a high capacity Gas Discharge Tube (GDT), 1500W fast-responding Transient Voltage Suppression diodes, and Metal Oxide Varistors (MOV).

Features

Characteristics

- Suppresses spikes and surges on the LightSync data line
- Mounts directly in the panel or remotely
- Board mounted RJ-45 connectors for easy installation
- All mounting hardware included
- Grounding is provided through the mounting bracket
- No external power required

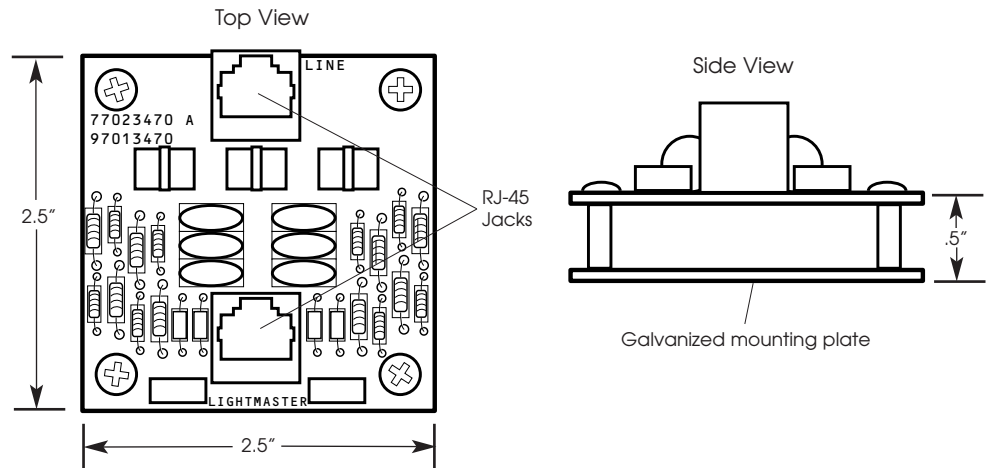


INTELLIGENT LIGHTING
CONTROLS, INC.

5229 Edina Industrial Boulevard
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1-800-922-8004
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Physical Highlights



Specifications

Physical:

- Mounts in controller or remotely
- Galvanized mounting plate
- Compact 2.5" x 2.5" size
- 2- RJ-45 jacks for in/out connections

Electrical:

- Nominal voltage 5-15 VDC, 3-10 VAC
- Maximum Continuous Operating Voltage 17VDC, 12 VAC
- Designed to meet surge rating ANSI/IEEE C62.41-1991 Cat A, Cat B, Cat C

Operating Environment:

- Location Interior space
- Operating Temperature 0° to 50° C (32° to 112° F)
- Relative Humidity 10% to 90% Non-condensing
- Atmosphere Non-explosive, Non-corrosive
- Vibration Stationary application NEMA Level A

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How to Order

Ordering a **LightSync DTS** Data Line Transient Suppressor
Order No. LSDTS (sample)

LSDTS