

SYSTEM FEATURES



- Use on RS232 systems with DB9 connections.
- Provides surge protection against harmful transient voltages travel on data and communications lines.
- Compact footprint and universal mounting bracket allows installation flexibility.
- Use LIT series for hardwire for processor links and dimming bus.

PRODUCT SPECIFICATIONS

GENERAL SPECIFICATIONS

Maximum Input Power: 100 Watt RMS/Channel
Applications: Data systems with <10Mbps
Design: Multistage hybrid fail-safe design
Warranty: 3-Year Unlimited Free Replacement

ELECTRICAL SPECIFICATIONS

Max System Voltage: 26VDC
Series Resistance: <1ohm
Max Operating Current: 500mA continuous with a 10 degree c increase above ambient
Strength: 5000 Watts per wire
Mode of Protection: Line-ground
Response Time: < 1 nanosecond
Number of Protected Pins: All Pins Protected

MECHANICAL SPECIFICATIONS

Dimensions (approx): 4.375"H x 2.885"W x 1.230"D
Enclosure Type: High-impact, non-metallic UL 94-5V flame resistant rated
Signal Connection: Female In, Male Out DB9 Connector
Ground Connection: Ground lug included
Mounting Method: All units come standard with a universal mounting bracket that allows the units to be screw or Din-Rail mounted (horizontally or vertically).
Operating Temperature: -40° C to 85° C (-40° F to 185° F)
Weight: 0.75 lbs. (0.34 kg)

SLP PERFORMANCE SPECIFICATIONS

Model Number	Description	Maximum Data Rate
TK-CT2-DB9	All Pins Protected DB9 Female Input DB9 Male Output	10 Mbps

DESCRIPTION

The Total Protections Solutions management team has pioneered the development of power conditioning and protection products for high end electronics for over 20 years. Total Protection Solutions is your one stop shop for all your residential and commercial surge suppression and power filtering needs. The TK-CT2-DB9 offers the highest quality data line protection available. Strategically protect data pathways that are connected to controls. Installing the TK-CT2-DB9 will reduce damage caused by surges that enter on these pathways and destroy lighting , security, and home automation controls..

The TK-CT2-DB9 has one DB9 female input connector and one DB9 male output connector.

Related products:

- TK-CT2-PHONE-RJ** For one to four pairs of phone lines.
- TK-CT2-CABLE** For one coaxial line from cable company.
- TK-CT2-SAT2** For two coaxial lines from satellite dish.
- TK-CT2-CAT5E** For Ethernet.

