

**SYSTEM FEATURES**



- Use on RS232 and RS485 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 <100Mbps (For systems that are <10Mbps use SLP Series)  
**Design:** Multistage hybrid fail-safe design  
**Warranty:** 3-Year Unlimited Free Replacement

**ELECTRICAL SPECIFICATIONS**

**Strength:** 5000 Watts per wire  
**Mode of Protection:** Line-line.  
**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  
**Connection Method:** Screw terminal connector; #12-22 AWG  
**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-TTLP-1S240-FL** panel mount unit to protect breaker panels providing surge suppression and power filtering for the whole house.

**TK-CT-190TLP4-RJ-T1/E1** 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.

