

SYSTEM FEATURES



- Category 5 Data Lines (1Gbps Max)
- Provides surge protection against harmful transient voltages that are induced onto data lines and damage network.
- Compact footprint and universal mounting bracket allows installation flexibility.
- Use on data systems transmitting <1Gbps. For systems that are transmitting <10Mbps use the SLP Series.
- Use TK-CT2-CAT5E-POE for power over the Ethernet applications.
- Can be used on 1Gb systems

PRODUCT SPECIFICATIONS

GENERAL SPECIFICATIONS

Applications: Data systems with <1Gbps and <100MHz (For systems that are <10Mbps use SLP Series)

Design: Solid State fail-safe design

Warranty: 3-Year Unlimited Free Replacement

ELECTRICAL SPECIFICATIONS

Strength:

TK-CT2-CAT5E: 3000 Watts per wire

TK-CT2-CAT5E-POE: 20000 Watts per wire

Wires Protected: All wires.

Response Time: < 1 nanosecond

Number of Protected Pairs (Wires): 4 Pair (8 wire)

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: RJ45 In/Out (RJ45 female connections on both sides)

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 Operating Voltage	Maximum Data Rate
TK-CT2-CAT5E	4 Pairs (8 Wires) RJ45 IN/Out Standard CAT5e	7.5V	1 Gbps
TK-CT2-CAT5E-POE	4 Pairs (8 Wires) RJ45 IN/Out Power Over Ethernet	56V	1 Gbps

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-CAT5E offers the highest quality data line protection available. Strategically protect data pathways that are connected to network. Installing the TK-CT2-CAT5E will reduce damage caused by surges that enter on these pathways and destroy routers, hubs and network devices.

The TK-CT2-CAT5E unit incorporates the newest solid state technology. Unlike other technologies on the market the TK-CT2-CAT5E performance will not degrade. You can count on the TK-CT2-CAT5E working now and 5000 surges later.

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.

