ComTrack™ TLP HOME SERIES

System Features

- Provides surge protection against harmful transients traveling on telephone lines.
- Compact footprint allows for installation flexibility
- Protects phone and data lines
- Four pair RJ45 connection
- Fail-safe design.
- Install on data lines with a max data rate of 16Mbps.
- UL Listed 497A as Secondary Telephone Protector

Product Specifications

General Specifications

Maximum Rated Surge Current: 2kA per pair

Applications: All major telephone line protocols including dial-up (POTS), ADSL, HSDL, ISDN, T1/E1, DDS, leased, and dedicated lines.

Design: Multistage hybrid fail-safe design

Warranty: Fifteen Year Free Replacement (ten year unlimited for commercial applications)

Safety Listing: UL Listed 497A as Secondary Telephone Protector

Electrical Specifications

Strength: 2kA per pair

Maximum Data Rate: 16Mpbs

Mode of Protection: All modes: tip-ring, tip-ground, & ring-ground

Response Time: < 1 nanosecond

Number of Protected Circuit: 4 pair (8 wire)

Series Resistance: <1 ohm

Mechanical Specifications

Dimensions (approx.): 6"H x 3"W x 3"D

Enclosure Type: High-impact, non-metallic UL 94-5V flame resistant rated

Connection Method:

Modular Jacks: RJ45 accepts RJ11 (1Pair), RJ14 & RJ45 (2Pair)

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: 0.50 lbs.—0.75 lbs. (0.23 kg—0.34 kg) depending on number of circuits.

TLP Performance Specifications

Model Number	Protection Mode	MCOV (peak)	Pairs (Wires)	Let-Through Volt IEC 10 x 700 µs Impulse 2kV / 80A
TK-CT2-PHONE-RJ	L-L	190V	4 Pair	240V
(RJ45 Female Connectors)	L-G	190V	(8 Wire)	240V

All voltages are peak values (+10%).
Test environment: static, positive polarity, time base = 1 ms
Specifications subject to change without notice, see web site www.tpssurge.com for latest revisions.