

Telephone Line Treater Surge Protective Device

TLT SERIES

The **TLT Series** is a Secondary Transient Voltage Surge Suppression for Telephony line protocols. Units provide protection against Transient Voltages that exceed the nominal operating voltage of Dial-Up, Dedicated/Leased and T1 Lines. Each line is protected against surge current impulses up to 1.9kA/wire.

The **TLT Series** installs in series with the telephone lines to be protected, diverting harmful transient energies to ground while maintaining close clamping thresholds above normal service voltages. Units are designed to operate in a wide temperature range and can be configured for all standard telephony applications by varying circuit components and/or densities.

The **TLT Series** is designed for indoor and outdoor installations.



Overall Dimensions
4.25" x 4.0625" x 2.375"

Product Specifications

Max. Circuits Protected	3 Pairs (6 Wires)
Max. Operating Voltage	56 - 148 Volts
Response Time	< 5 nanoseconds
Series Resistance	none
Clamping Voltages	between 105 and 270 volts
Connection Method	Screw Terminal or Modular Jack
Enclosure	Rated for Outdoor Use
Max. Operating Temp	-40 to + 85 C
Warranty	10 Year Product Warranty



Ordering Information

Model Number	Clamp Voltage	Application	Max. Operating Voltage
TLT/SG-XX0-UDUL-ZZ	270 Volts	Dial-up Line	190 Volts
TLT/SG-XX0-UT1L-ZZ	145 Volts	T1	105 Volts
TLT/SG-XX0-UE1L-ZZ	145 Volts	E1	105 Volts
TLT/SG-XX0-UDDS-ZZ	105 Volts	DDS	55 Volts
TLT/SG-XX0-ULDL-ZZ	105 Volts	Leased Line	55 Volts

Replace XX with number of wires to be protected:

02 = 2 wires 04 = 4 wires 06 = 6 wires

Replace ZZ with:

RJ for Modular Jacks (female to female)
TS for Terminal Strip Screw



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