

# 66 Block Telephone Line Treater Surge Protective Device

## TLT-66 SERIES

The **TLT-66 ID** Models provide Secondary Transient Voltage Surge Suppression for Telephony line protocols. Units protect against Transient Voltages that exceed the nominal operating voltages of Dial-Up, T1/E1, DSL and Dedicated/Leased Lines. Each line is protected against surge current impulses up to 1kA/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.

**TLT 66 Block IDC** (Insulation Displacement Connection) Models incorporate replaceable protection modules. Each module protects a single pair (2 wires) and each module can be built for a specific telephony application. This flexibility allows for the modules to be mixed and matched as required for any given application. In the unlikely event of fuse operation, individual wires/pairs can be bypassed with bridge clips. If element shorted then clip will ground line.



**TLT-12-66-12 Pair (24 Wire)**

**TLT-25-66-25 Pair (50 Wire)**

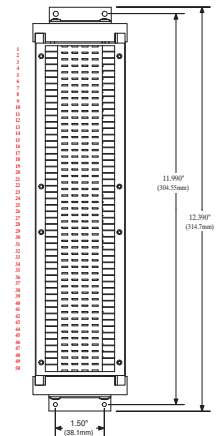
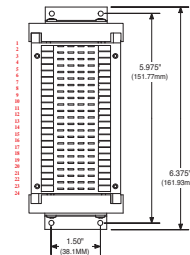
### Product Specifications

Max. Surge Current	1kA per pair
Max. Operating Voltage	56-148 Volts
Response Time	<1 nanosecond
Series Resistance	<1 ohm
Modes of Protection	Tip & Ring to Ground (standard). Tip to Ring, Tip to Ground & Ring to Ground are also available.
Connection Method	Punch Down, #12-22 AWG
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Enclosure	66 Punch Down Block with Aluminum Case
Max. Operating Temp	-40 to + 85 C
Warranty	10 Year Product Warranty

### Breakdown Voltage Range

Dial-up Line	190-310 Volts DC
T1/E1	150-220 Volts DC
Leased Line	30-155 Volts DC

### Dimensions



Model Number	Description	Wires Protected
TLT/S0-020-UXXX	Replacement Modules	2 Wire (1 Pair)
TLT/SE-240-UXXX-66	66 Punch Down (IDC)	24 Wire (12 Pair)
TLT/SE-500-UXXX-66	66 Punch Down (IDC)	50 Wire (25 Pair)

### Replace XXX with the appropriate application code:

DUL = Dial-Up Lines                      DSL = High Speed Lines  
LDL = Leased/Dedicated Lines        T1L = T1/E1 Lines



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