

STC-TEL Series – RJ Connection Telephone Protection

The SolaHD STC-TEL series are single pair telephone or Data Line Protectors that use an advanced two-stage hybrid design. These units address over voltage transients with silicon breakover devices, while sneak and fault currents are mitigated with resettable fuses (PTCs).

These units use two screw terminals to connect a Telco line to the protector. The equipment to be protected then plugs into the female modular jack on the STC-TEL.



Applications

- Telephone Lines
- Data Lines

Features

- <1 nanosecond response time
- Solid state silicon breakover technology
- Low capacitance
- Over current protection

- UL 497A Listed
- Line-to-line, line-to-ground protection
- Resettable fuses PTCs
- Five year limited warranty

Certifications and Compliances

- Listed
- UL 497B

Specification/Selection Table

Catalog Number	Max Peak Signal Voltage	Nominal Breakdown Voltage	Max Current 1p (10X1000 μ s) (Occurrences)	Max Clamp * Voltage @Ip	Typ. Cap (PF)	Max Continuous Current	Nominal Series Resistance
STC-TEL-200T	220	270	100 (T-G) (R-G)	10	50	150 ma	8 Ω

* Forward voltage after breakover.

Installation

