

## Edco FAS-TEL and FAS-31XT RJ11/RJ31X Telephone Protection



The Edco FAS-TEL and Edco FAS-31XT are single pair telephone or data line protectors that implement advanced two-stage hybrid design. These units address over-voltage transients with silicon breakover devices, while sneak and fault currents are mitigated with PTC technology which consists of solid state resettable fuses.

The Edco FAS-31XT replaces the RJ31X jack with a protected version. Four screw terminals are provided to wire the protector in the same manner as a standard RJ31X jack.

The Edco FAS-TEL is nearly identical to the Edco FAS-31XT except without the shorting bars. Two screw terminals are provided to connect Telco Line to protector. Protected equipment such as modems are plugged into female modular jack on the Edco FAS-TEL.

### Features

- <1 nanosecond response time
- Solid-state silicon breakover technology
- Low capacitance
- Over current protection
- UL 497A listed
- Line-to-line protection
- Line-to-ground protection
- Polyswitch resettable fuses—PTCs
- 5 year warranty

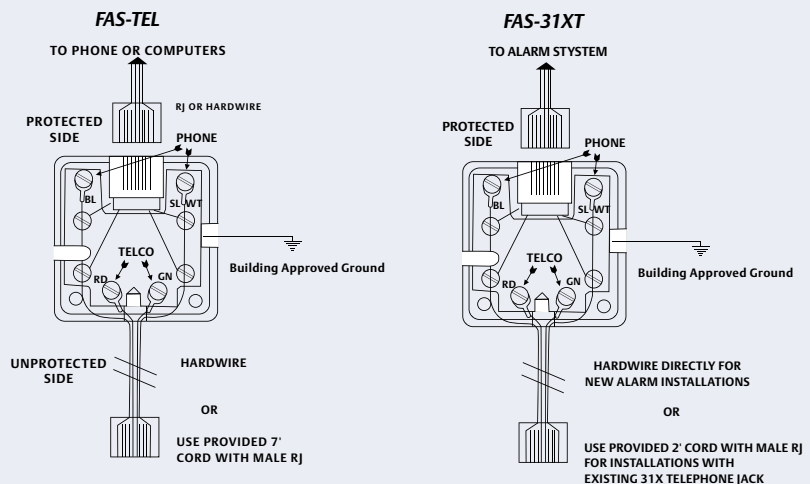
### General Technical Specifications

Operating Voltage	43, 52, 220, & 220 VDC
Clamping Voltage	50, 60, 270, & 270 VDC
Operating Current	0.15 A
Peak Surge Current	160A (10 x 1000 μs T & R to Ground)
Frequency Range	0 to 20 MHz
Insertion Loss	< 0.1 dB at 20 MHz
SPD Technology	Silicon Avalanche Diode w/ Series PTC
Connection Type	Terminal block with compression lugs IN / RJ connector OUT
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1H x 2W x 2L
Weight	2 oz
Certifications	UL 497A, CUL

### Ordering Information

Digital Phone	FAS-TEL-060T
Analog Phone/Fax/Modem/DSL	FAS-TEL-200T
Alarm System Phone	FAS-31XT

### Installation



*DO NOT daisy chain grounds. NOT intended for shield termination. Install ground in accordance with all applicable codes.*