



Edco TER Series Single Pair Medium Duty Low Voltage Zone/Horn/Strobe/Data

The Edco TER surge suppressor directly installs onto electronic circuit wiring terminal screws. This close proximity preserves Edco TER's response time, clamping level and ground reference by eliminating lead lengths. The Edco TER's miniature size fits directly inside fire or security panels, CCTV housings and other system electronic enclosures. These features maximize surge suppression performance while reducing hardware and labor costs to install.

Features

- Fits Euro style and barrier strip terminals
- Automatic recovery
- Single pair protection
- High energy silicon avalanche technology
- UL 497B listed
- Operating current > 2 Amps
- Compact size: 1.3" x 0.4" x 2" (HxWxL)
- 5 year warranty

General Technical Specifications

Operating Voltage	15, 30, 40 VDC
Clamping Voltage	18, 33, 43 VDC
Operating Current	0.09 A
Peak Surge Current	018 = 215 A, 030 = 108 A, 043 = 81A (10 x 1000 μs)
Frequency Range	0 to 20 MHz
Insertion Loss	<0.1 dB at 20 MHz
SPD Technology	Silicon Avalanche Diode (SAD)
Connection Type	Terminal block w/compression lugs Terminals accept up to 12 AWG
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.3H x 0.4W x 2.0L
Weight	0.6 oz
Certifications	UL 497B

Ordering Information

Fits in series with circuits wires at the terminal screws
Zone, Buss, Loop, Data, Receive, Bell, Horn, Strobe, Pan/Tilt & CCTV

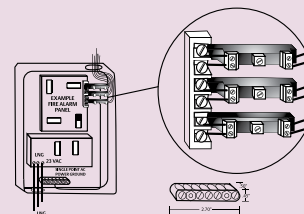
TER-018 (For 12 VDC Systems)

TER-030 (For 24 VDC Systems)

TER-043 (For 25 VAC Systems)

Installation

1. Install zone or loop circuit wires (1 pair) at the vacant end of the Edco TER.
2. Slip the Edco TER's Rigid Mounting Prongs into the panels designated Zone or Loop terminals and tighten.
3. Using a 16-12 AWG solid wire, attach all Edco TERs via the center ground terminal. Run this wire to your panel's "single point" AC power ground or building approved ground.



EDCO PCB1B BASE SOLD SEPARATELY

Edco PC2-TEL Two Line Telephone Protection (Modular)

The Edco PC2-TEL is a solid state, two-line telephone interface protector module. This unit is specifically designed to protect both phone lines required by commercial fire panels.

Features

- Tip to ring protection
- Tip and ring to ground protection
- Over-current protection
- Resettable solid state fuses — PTCs
- UL listed 497A
- Requires PCB1B base
- PC642PTU (Pass Thru Unit) available for troubleshooting
- 5 year warranty

General Technical Specifications

Operating Voltage	250 VDC
Clamping Voltage	270 VDC
Operating Current	0.15 A
Peak Surge Current	160 A (10 x 1000 T & R to Ground)
Frequency Range	0 to 20 MHz

Insertion Loss	< 0.1 dB at 20 MHz
SPD Technology	Series PTC and Silicon Avalanche Diode (SAD)
Connection Type	Terminal block w/compression lugs Terminals accept up to 10 AWG

Operating Temperature	-40°C to +85°C
Dimensions (Inches)	2H x 1W x 2.5L (PC2TEL + PCB1B Base)
Weight	1 oz
Certifications	UL 497A, CUL