



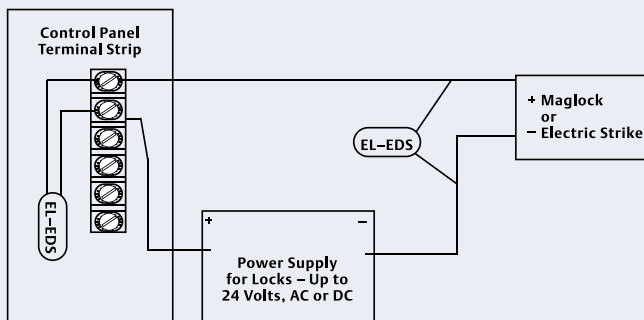
## Edco EL-EDS Electric Door Suppressor

The Edco EL-EDS suppressor kit is intended for installation with electrical switching devices that are connected through a relay contact on typical access control panels.

The Edco EL-EDS protect against electrical anomalies (transients) that are generated as a result of the collapsing electrical field of an electromagnetic switching device (maglock or electric strike). The Edco EL-EDS provides protection for both relay contacts and control panel.

### Installation

The diagram below illustrates the proper installation of the Edco EL-EDS. For each maglock or electric strike circuit, you will need to install a suppressor (1) across the relay contacts and (2) across the leads connected to the lock solenoid (locate as close as possible to the solenoid). The suppressor wires can be installed without regard to polarity. If your package does not contain two (2) devices, contact your distributor.



## Edco FAS-1 and FAS-2 Series One and Two Pair Signal Line Protector (Commercial)

The Edco FAS-1 and Edco FAS-2 Series are multi-stage **single pair or two pair** surge suppressors designed for high exposure applications. These products were specifically designed to meet multiple low voltage protection applications in the fire and security industries.

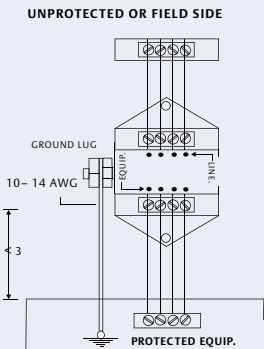
### Features

- Lightning protection for low voltage
- Data/signal lines
- Multi-stage protection
- Common mode and differential protection mode
- Automatic recovery
- 5 year warranty

### General Technical Specifications

Operating Voltage	15, 24, 36, 52 VDC
Clamping Voltage	18, 33, 43, 60 VDC
Operating Current	2.5 A
Peak Surge Current	10 kA (8 x 20 μs)
Frequency Range	0 to 10 MHz
Insertion Loss	< 0.1 dB at 10 MHz
SPD Technology	GDT, SAD, w/ Series Inductor
Connection Type	Terminal block w/compression lugs Terminals accept up to 12 AWG
Operating Temperature	-40 C to +85 C
Dimensions (Inches)	FAS-1 = 1.5H x 1.5W x 2.8L FAS-2 = 2H x 2W x 2.8L
Weight	FAS 1 = 3.5 oz    FAS-2 = 7 oz
Certifications	UL 497B

### Installation



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

### Ordering Information

12VDC use:	FAS-1-018 HC (single pair) FAS-2-018 HC (two pair)
24VDC use:	FAS-1-033 HC (single pair) FAS-2-033 HC (two pair)
24VAC use:	FAS-1-043 HC (single pair) FAS-2-043 HC (two pair)
48V Systems use:	*FAS-1-060 HC (single pair) *FAS-2-060 HC (two pair)

\*Not UL Listed

**Caution:** The hybrid design of this product includes series resistance. Do not place this product in service on any signal line capable of continuously supplying more than 2.5 amperes.