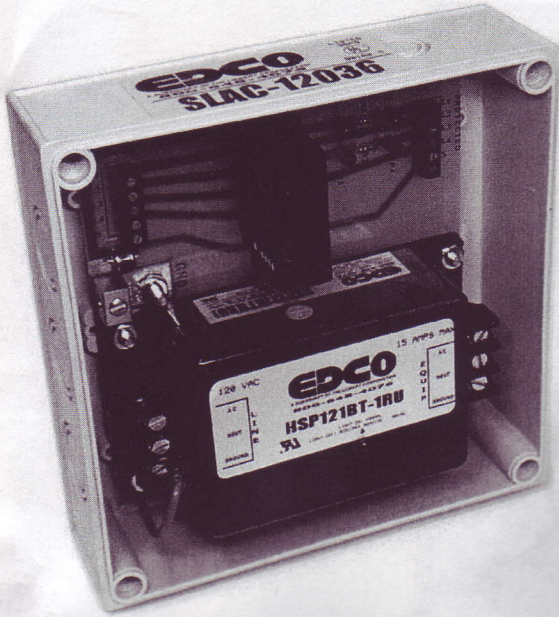


## SLAC SERIES — AC Power/Signal Protection for Industrial Applications



The **SLAC Series** was specifically designed to protect electronic instruments used by the water industry. It combines hybrid AC power protection and signal line protection in a NEMA 4X polycarbonate case. The AC power suppressor can supply up to 1875 Watts and has a 15 Amp replaceable fuse to prevent overloading of the protective elements. A “Power On” LED provides visual indication that power is applied to instruments. Signal line protection is accomplished by the PC642 series available in a variety of voltage clamps. Signal current can be monitored by reading the voltage across the 10 ohm 1% resistors (TP1 & TP2 or TP3 & TP4). All leads going to the **SLAC** board are terminated by quick disconnect connectors to facilitate easy removal for service or replacement.

### FEATURES

- Lightning & Surge Suppression for AC Power & Low Voltage Signal Lines
- Series Hybrid AC Suppressor/Filter
- “Power On” Indicator
- Plug-In Protection Module
- 15 Amp Replaceable Fuse
- Test Jacks for Signal Line Monitoring
- Nema 4X Enclosure

### DIMENSIONS/CASE

- Nominal Outside Dimensions:  
H=7, W=7, D=3 (Inches)
- Knockouts for 1/2” and 3/4” hubs
- Bosses provided for #6 x 3/8” self-tapping screws
- Flammability Rating UL94-5V
- Base Molded in Light Grey Polycarbonate
- Cover Molded in Clear Polycarbonate
- Nema 4X Rating

### SPECIFICATIONS AC

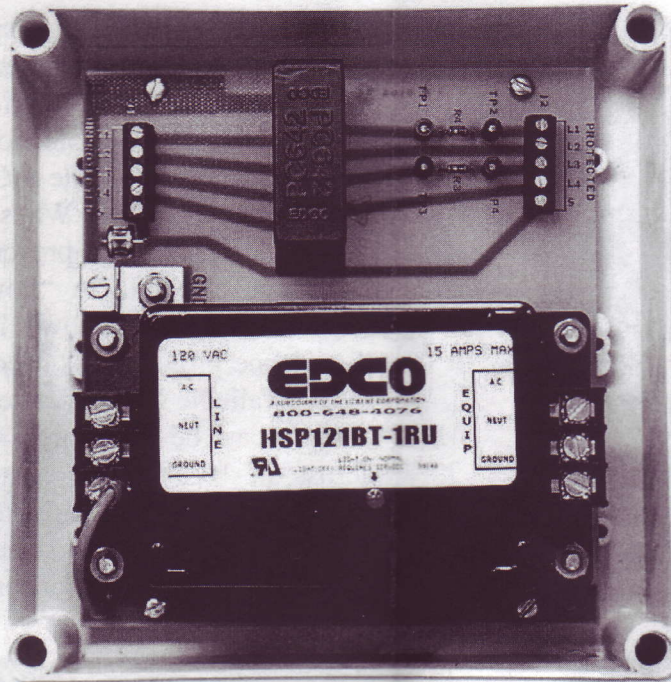
Clamping Cat. ....	ANSI/IEEE C62.41 (IEEE 587)
Technology.....	3 Stage Series Hybrid
Input Voltage.....	120VAC 50/60 Hz
Output Current.....	15 Amps. Max.
Response Time.....	< 5 Nanoseconds
Max. Surge Current.....	10kA (8x20µs)
Occurrences @ 500A.....	>50

### SPECIFICATIONS SIGNAL LINE

Technology.....	3 Stage Series Hybrid
Voltage Clamp.....	8 – 60 V.
Series Resistance.....	5 ohms Typical
Response Time.....	< 5 Nanoseconds
Max. Surge Current.....	10kA (8x20µs)



## SLAC SERIES AC Power/Signal Protection for Industrial Applications



### INSTALLATION

- Connect GND Terminal to Local Ground
- L1 and L2 – Connect for Signal Pair #1
- L3 and L4 – Connect for Signal Pair #2.
- “S” Connection for Cable Shield ( If Applicable )
- Connect AC Power as Marked on Case



### ORDERING INFORMATION\*

SLAC - **1****2****3**

- |          |   |     |                                |
|----------|---|-----|--------------------------------|
| <b>1</b> | = | 0   | No Enclosure                   |
|          |   | 1   | Polycarbonate Case (Standard)  |
|          |   | 2   | Stainless Steel (Optional)     |
|          |   | 3   | Fiberglass (Special)           |
| <b>2</b> | = | 0   | Without PC642 Signal Protector |
|          |   | 2   | With PC642                     |
| <b>3</b> | = | 008 | PC642 Voltage Clamp Selection  |
|          |   | 015 |                                |
|          |   | 030 |                                |
|          |   | 036 |                                |
|          |   | 050 |                                |
|          |   | 060 |                                |

\*For Standard Unit order part # **SLAC-12036**