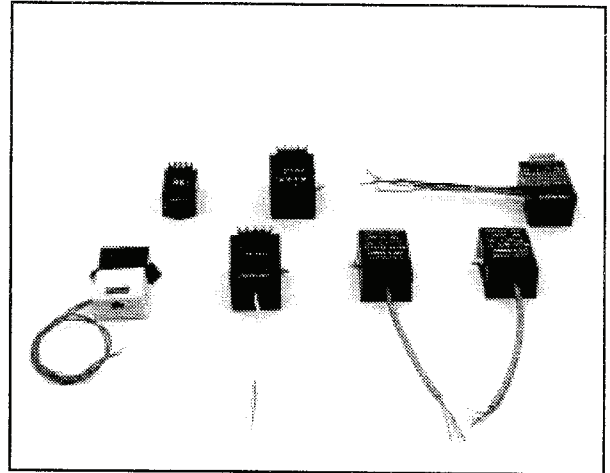


## Security/ Access Control

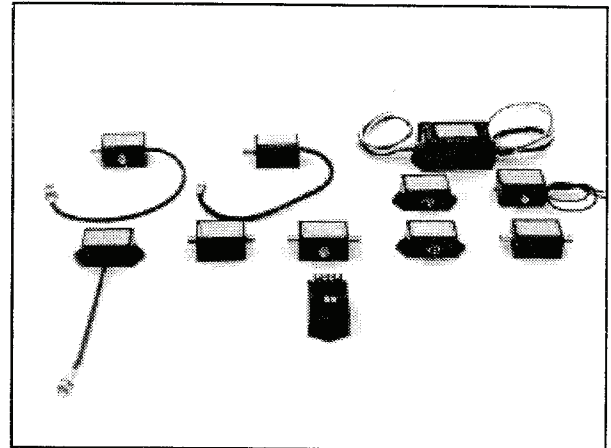
KP5/ S-G	Key Pad - 5 lines & Shield Protected w/ Ground Lug
CR 5/S-G	Card Reader-5 Lines & Shield protected w/ Ground Lug
D2WDTB	Loop Lines - 1 Pair Protected
D4WDTB	Loop Lines - 2 Pair Protected
D 2W DTB-G	Loop Lines - 1 Pair Protected w/ Ground Lug
D4WDTB-G	Loop Lines - 2 Pair Protected w/ Ground Lug
D6WDTB/G	Hoop lines - 3 Pair Protected w/ Ground Lug
RU RI 31X-Kit	Telephone Line Protector - includes 1DLT 1 P 200V and Hard wire Connector block w/ Female RJ3JX connector
RURJ 31X-HE	Telephone Line Protector - RU/RJ 31X Plugs High Energy Model



## Video Cameras/Monitors/Satellite Dish

CCTV BNC V	Video Coax WI Female BNC in & out*
CCTV BNCC V	Video Coax w/ Female BNC in & male out*
CCTVF-CONN	Video Coax WI Female "F" in & out*
CCTV C/F	Video Coax w/ Female "F" in & male out*
TRI-AX-BNC	Video Triax w/ Female BNC in & out +3 outlets*
TRI-AX-F	Video Triax w/ Female "F" in & out +3 outlets*
CATV 24V AC	24V AC Camera Power Protector
CATVD 24V TB	24V DC Camera Power Protector
P1250P	Pelco Pan/Tilt 1250P Series
PT 680-24P	Pelco Pan/Tilt PT680-24P Series
PT 680-24SL	Pelco Pan/Tilt PT680-24SL Series
Ddual2WDTB/G	RS485 Pan/Tilt Zoom 2 wire
Ddual4WDTB/G	RS422 Pan/Tilt Zoom 4 wire
CCTV RCA	Video Coax w/2 female F "in" & 2 male "out"

*\* All Coax protectors for CATV or CCTV*



### Specifications for Pan/Tilt Protectors

- 4,556,000 VA Surge Suppression @ 8 x 20us
- 560 Joules of protection / 280 Joules - Pan, 280 Joules-Tilt
- Reaction Time: <5 Nanoseconds
- Non load-bearing (voltage sensitive)
- Follow-on Current: None
- Protects: Leg/Leg, Leg/Common, Common/ Ground
- Unit size 3" x 2" x 1 1/2" Easy fit in pan/tilt)
- Completely encapsulated for weatherproof operation
- Color coded to Pelco color codes

### CCTV/CATV/Coax Protector Specifications

- Clamping Point; 2V
- Response Time: <5 Nanoseconds
- Power Dissipation: Hybrid Circuitry/Multi-Stage/ Full Heatsinking
- Operating Temperature: .40°C .+ 85°C
- Current: Non Load-Bearing! No Follow-on Current
- Voltage: Voltage sensitive
- Insertion Loss: <dB at 100 pf
- Operating Environment: Weatherproof

## Lightning Prevention Systems, Inc.

P.O. Box 353 West Berlin, NJ 08091

Ph: 856.767-7806 or 888.667-8745 Fax: 856.767-7547

Email: info@lpsnet.com Website: www.lpsnet.com

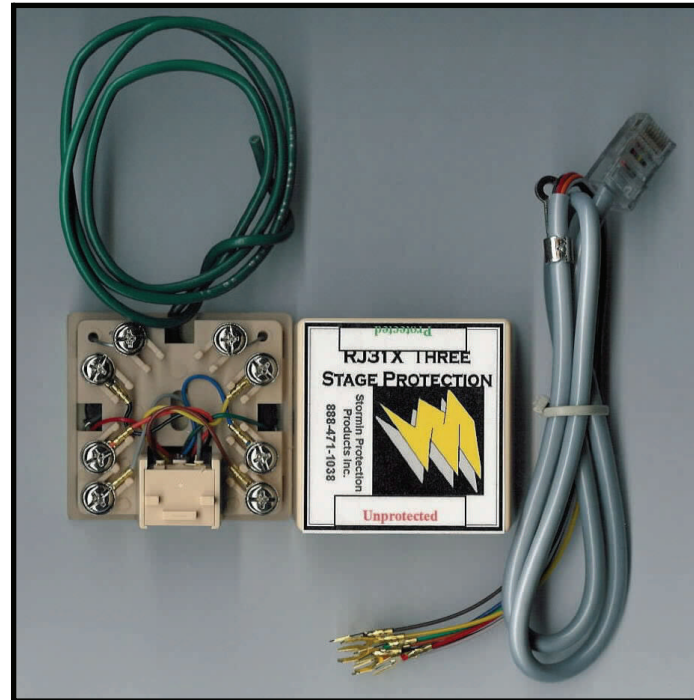
## DSL- Pacifier

In-line Series three Stage Hybrid RJ31X. EMI/RFI filtering for DSL, pumps, motors, HVAC and other electromechanical devices that can cause false alarms due to excess generated frequency or Noise. **This is not just a filter, this is also a high end 600 joule three stage Surge Suppressor.**

Screw type Rj31X Jack, UL listed communications circuit assembly 82x6 E134135. Meets FCC Part 68,50 Micron gold pins. Protected pins 1,4,5,and 8. Clamping voltage 130 VAC. Response time is 5 nanoseconds or less. Power dissipation is 240,000 VA 8x20us per pair protected. Protection: UL1414 - E163321 UL 1449 - E159095  
CSA - LR103477-1

### Electrical Parameters:

Three Stage protection,	Hybrid In-Series Design
Response time	1 Pico second
Breakdown voltage	144-176 volts
Max Allowable voltage	AC: 130 V, DC: 170V
Varistor voltage: Vma:	180V-220 at 1ma DC
Rated Wattage:	.025 Watts
Withstanding Surge Current:	(1) time: 1200A wave form 8x20us, (2) times: 600A wave Form: 8x20us
Max Energy: Joules:	86.3 Joules : 10/1000us
Capacitance:	310pf Freq.: 1KHZ
Leakage Current:	<20 uA 170VDC
Surge Life:	1MA+ 10% 8x20us: 10000 times: 50A



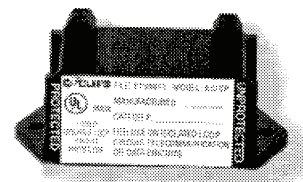
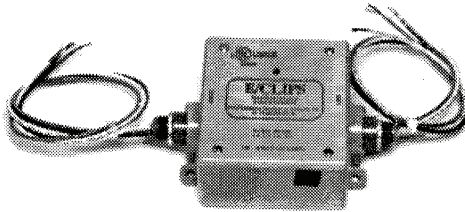
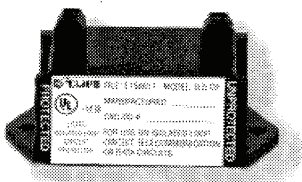
**This Product can be made in RJ45, and RJ11,  
This Product is normally sold in lots of 10.  
In lots of 20 Shipping will be included at no  
extra charge.**

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## Fire Alarm Surge suppression

**FA 15V/FA 30V/FA30BH/FA60V/FA60VNC:** (UL Listed 497B) This unit is designed not only to protect equipment but reduce the incidence of false alarms due to its close clamping ability at high induced voltages. The FA unit is an isolated loop circuit protector and incorporates state-of-the-art technology and provides multiple stages of protection for fire alarm zone and bell circuits. Tested to ANSI/IEEE B3 impulse standards that exceed normal UL 497B testing standards by 900 times and the pass voltage is only 18V/35V/64V with a 6,000 volt, 3,000 amp direct inserted strike. The FA15V/30V/60V are self-restoring after each surge within ratings. Dimension: Depth 1", Width 2", Length 1 1/2", Tabs: 1/2", Weight: Approximately 1/2" lb-- Passed UL 864 tests for PLC, 4-20 milliamp loops & **fire alarm panels!**



### Specifications/Operating and Specifications/Electronic

Maximum Operating Voltage:	12 Volt/24 Volt/60 Volt 16 Volts/32 Volts/64 Volts	Maximum Surge Current (8x20us):	12 Volt/24 Volt/60 Volt 10K Amps Total/10K Amps Total
Typical Leakage Current:	<5u Amps/<5u Amps/<5u Amps	Maximum Surge Voltage (1.2x50us):	6,000 Volts/6,000 Volts
Maximum Data Rate:	20 Kbs/20 Kbs/20 Kbs	Capacitance:	<250 pF/ <250 pF/ <250 pF
Operation Temperature:	0 - 85 C/C - 85 C.	Clamping Response time:	<5ns/ <5ns/ <5ns
Lines Protected:	One Pair/One Pair/One Pair	Voltage:	Voltage Sensitive/Voltage Sensitive
Connection:	Dual Terminal Blocks	Pass Voltage tested to ANSI/IEEE B3 Impulse:	< 18 Volts Peak/ <35 Volts Peak/ <64 Volts Peak
		First Stage Power Dissipation (8x20us):	5,000 Amps-Line/10,000 Amps-Line

**120HWCP20CB:** (UL Listed 1449) This is a hardwired In-line series (AC) surge suppressor and is designed to protect branch circuits, fire alarm or dedicated PLC equipment with a maximum current draw of 20 amps. It provides both common and normal three-phase noise filtration. UL 1449 listed at 6,000 volts, 3,000 amps and is 330 for L N, L G, N-G. This unit is available with (120HWCP20CB) or without (120HWCP20) a circuit breaker. Dimensions: Depth: 2.5", Width: 4.5", Length: 4.5", Tabs: 1/2", Weight: Approximately 3.5 lbs.



### Specifications/Operating and Specifications/Electronic

Maximum Operating Voltage:	135 Volts	Maximum Surge Current (8X20US):	30K Amps Total
Follow On Current:	None	Maximum Surge Voltage (1.2x50us):	6,000 Volts
Circuit Breaker:	20 Amp on 120 HWCP 20 "CB"	TVSS Device UL File:	E12 1637 UL Recognized Component
Connection:	In-Line Series Hardwired	UL 1449 TVSS Rating:	330 Volts L/N, N/G, L/G
Operation Temperature:	0 - 85 C.	Clamping Point:	138 Volts RMS
		Maximum Line Amperage:	20 Amps @ 120 VAC 45/60 Hz
		Voltage EMI/RFI Dual-Full:	Voltage Sensitive
		Three Stage Noise Filter:	40 dB down - 10 KHz to 10Mhz
		Noise Filter Response:	< 1 picosecond (active)
		Operation Indicator LED:	Yes
		Power Dissipation (Sx20us):	3000 Joules
		Failure Mode:	Fails Safe (Open)

**DLT TOS:** (UL Listed 497B) This surge suppressor provides multiple states of protection for equipment connected to your telecommunication lines. (RJ3 IX) Tested to ANSJ/IEEEB3 impulse standards that exceed normal UL 497B by 90 times. The DLT TOS are self-restoring after each surge within ratings and are available in 15, 30, 60, and 200 volt models. Dimension: Depth 1", Width 2", Length 1 1/2", Tabs: 1/2", Weight: Approximately 1/2 lb. Passed UL864 tests for PLC, 4-20 mili amp loops and fire alarm panels!



### Specifications/Operating and Specifications/Electronic

Maximum Operating Voltage:	15, 30, 60, 200 Volt	Maximum Surge Current (8x20us):	10K Amps Per Line
Typical Leakage Current:	<5u Amps	Maximum Surge Voltage (1.2x50us):	6,000 Volts
Maximum Data Rate:	20 Kbs	Capacitance:	<250 pF
Operation Temperature:	0 - 85 C.	Clamping Response Time:	<5 ns
Lines Protected:	One Pair	Voltage:	Voltage Sensitive
Connection:	Dual Terminal Blocks	Pass Voltage tested to ANSI/IEEE B3 Impulse:	15% Above Operating
		First Stage Power Dissipation (8x20us):	10K Amps/Line

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