



## Waste Water/Industrial Applications

## SS64 & SS65 Series



The **EDCO SS64** and **SS65 Series** suppressors are designed for the water and waste water industry. These multistage hybrid suppressors address over-voltage transients with gas tube and silicon avalanche technology. In addition, sneak and fault currents are mitigated with "PTC" devices which consist of solid-state resettable fuses. The units are encapsulated in stainless steel pipe nipples making them suitable for use in severe environments. The **SS64** models protect a signal pair and the **SS65** models protect a signal pair plus the cable shield (drain wire).

### FEATURES

- Transient Protection for Low-Voltage Signal Lines
- Sneak/Fault Current Protection
- Resettable Fusing – PTC's
- Differential and Common Mode Protection
- Automatic Recovery
- Encapsulated in Stainless Steel Pipe Nipples
- Single Pair Protection (Two Wires & Shield on SS65)



### SPECIFICATIONS

Response Time.....	<1 Nanosecond
Maximum Signal Voltage.....	28V max
DC Clamping Level (L-G).....	36V +/-10%
DC Clamping Level (L-L).....	72V +/-10%
Maximum Let-Thru Voltage:	
Line-to-Ground (10x700µs).....	44V @ 400A
Maximum Let-Thru Voltage:	
Line-to-Line (10x700µs).....	90V @ 400A
Series Resistance (per conductor).....	5Ω (typical)
Capacitance:	
(zero volts bias) .....	(L-L) 600pf typical (L-G) 1200pf typical
Number of Occurrences.....	400 @ 500 Amps (10x1000µs)



**NEED HELP? Call 1-800-648-4076**

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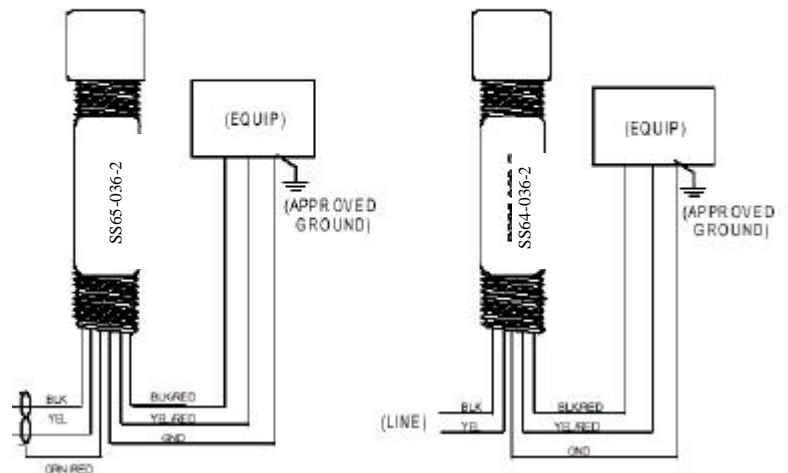
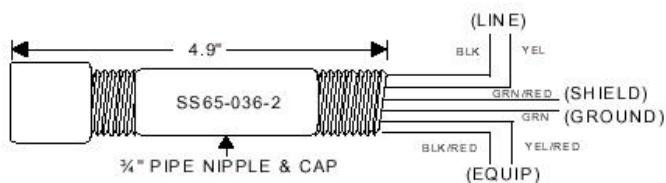
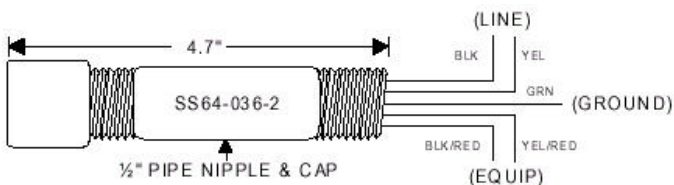
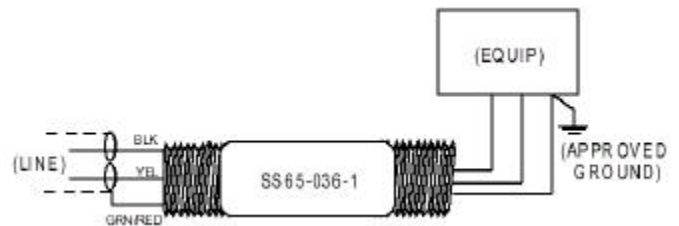
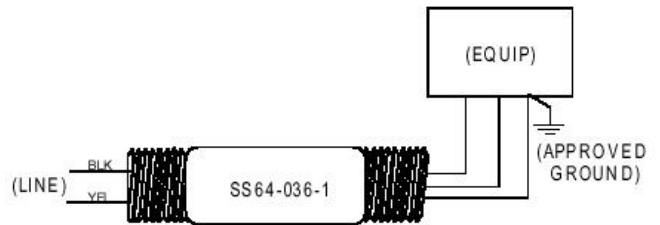
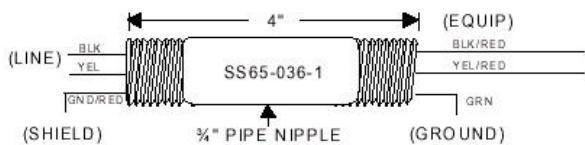
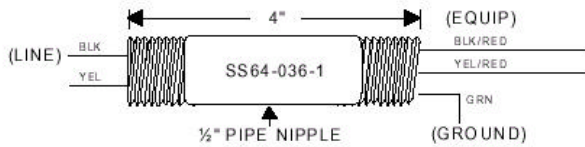
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**Caution:** The hybrid design of this product includes series resistance. Do not place this product in service on any signal lines capable of supplying more than 150 milliamperes continuously.