

Edco SS64 & SS65 Series

Wastewater/Industrial Applications

The Edco SS64 and Edco SS65 Series suppressors are designed for the water and wastewater industry. These multi-stage 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 Edco SS64 models protect a signal pair and the Edco SS65 models protect a signal pair plus the cable shield (drain wire).



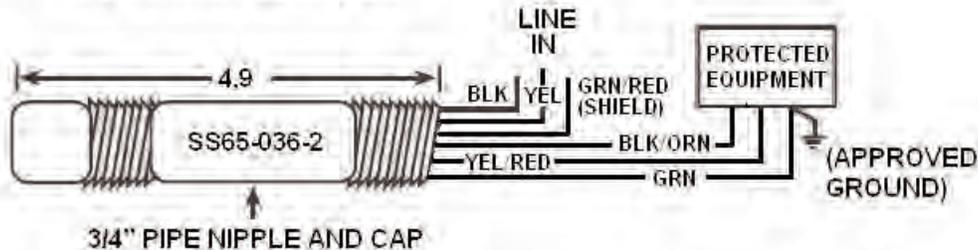
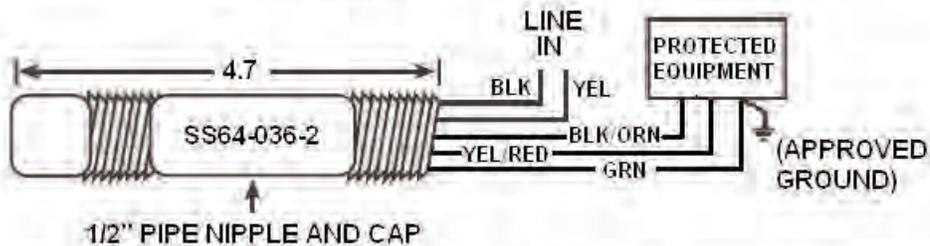
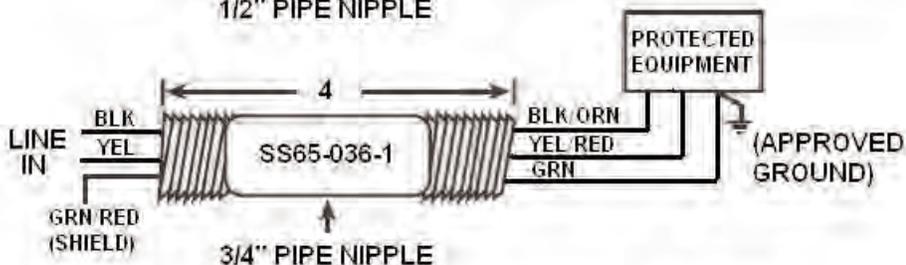
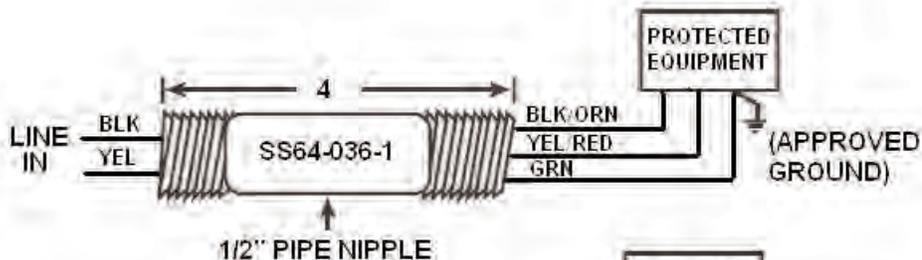
General Technical Specifications

Maximum Operating Voltage:	28 VDC
Maximum Operating Current:	150 mA
Clamping Voltage (L-G):	36 VDC
Clamping Voltage (L-L):	72 VDC
Peak Surge Current:	10 kA (8x20 μ S)
SPD Technology:	GDT, SAD, w/series PTC
Frequency Range:	0 to 20 MHz
Insertion Loss:	< 0.1 dB at 20 MHz
Series Resistance (per Conductor):	5 Ohm (typical)
Capacitance (Zero Volts Bias):	(L-G) 1200 pf (typical) (L-L) 600 pf (typical)
Operating Temperature:	-40°C to +85°C
Life Cycle:	400 @ 500 Amps (10x1000 us)
Weight:	.35 lbs
Certifications:	UL 497B

Features

- Transient protection for low-voltage signal lines
- Sneak/fault current protection
- Resettable fusing—PTCs
- Differential and common mode protection
- Automatic recovery
- Encapsulated in stainless steel pipe nipples
- Protection for one pair (Two wires & shield on SS65)
- 5 year warranty

Typical Applications



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.

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