

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).



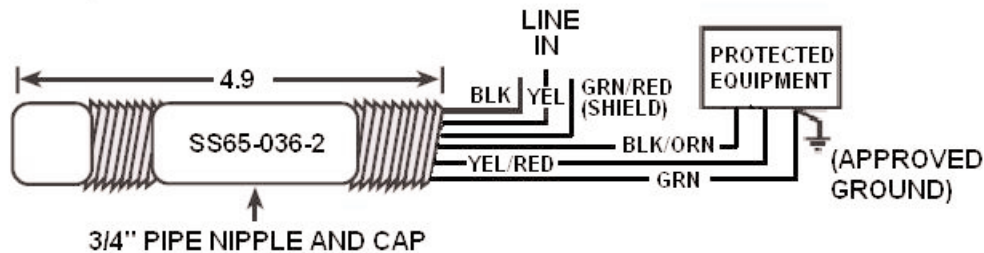
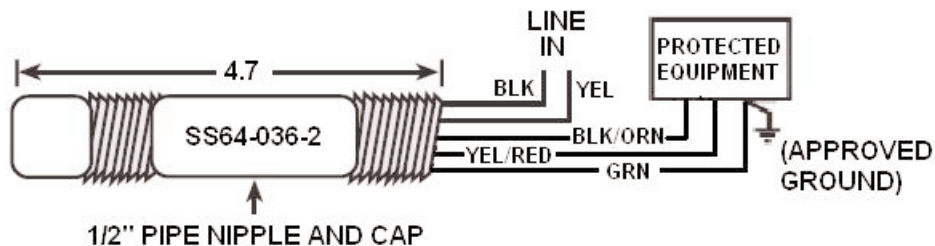
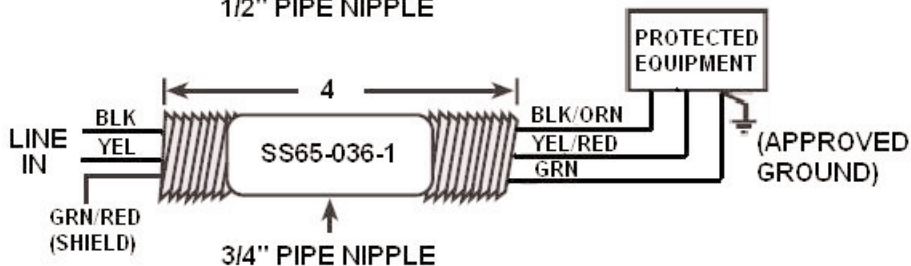
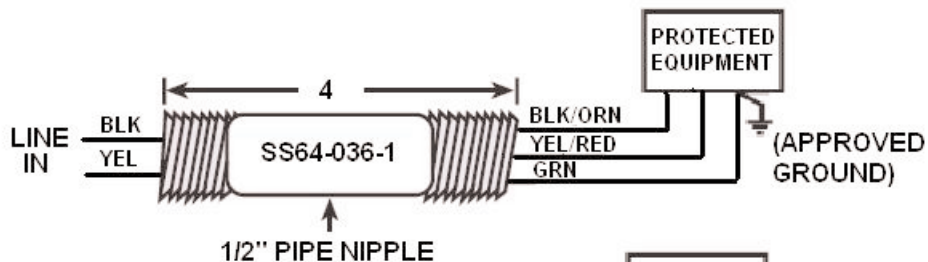
General Technical Specifications

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 μ s)
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.

Emerson Network Power.
The global leader in enabling
Business-Critical Continuity™.

- | | | | |
|----------------|----------------------|--|---------------------------------|
| ■ AC Power | ■ Embedded Computing | ■ Infrastructure Management & Monitoring | ■ Thermal Management |
| ■ Connectivity | ■ Embedded Power | ■ Outside Plant | ■ Racks and Integrated Cabinets |
| ■ DC Power | ■ Industrial Power | ■ Power Switching & Controls | ■ Services |

Emerson Network Power Contact information

www.EmersonNetworkPower.com/Surge

Headquarters

Surge Protection
100 Emerson Parkway
Binghamton, NY 13905
T: (607) 721-8840
T: (800) 288-6169
F: (607) 722-8713
E: SurgeTech@Emerson.com

