



The **ASCO Model 157** 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 ASCO 157D036S10KXW5R0 and 157D036S10KXW5S0 models protect a signal pair and the ASCO 157D036S10KXW6M0 and 157D036S10KXW6P0 models protect a signal pair plus the cable shield (drain wire).

### General Technical Specifications

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 μs)
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 μs)
Weight (lb / kg)	0.35 lbs. [0.16 kg]
Certifications	UL 497B

#### Caution

Do not place this product in service on any signal line capable of continuously supplying more than 150 mA.

#### Attention

Ne pas placer ce produit dans le service sur une ligne de signal capable de fournir en permanence plus de 150 mA.

### DANGER!

Only qualified personnel should install or service this system. Electrical safety pre-cautions must be followed when installing or servicing this equipment. To prevent risk of electrical shock, turn off and lock out all power sources to the unit before making electrical connections or servicing.

Seulement le personnel qualifié doit installer ou maintenir ce système. Des précautions de sécurité en électricité doivent être suivies lors de l'installation ou de la maintenance de cet équipement. Pour éviter tout risque de choc électrique, débranchez et verrouillez toutes les sources d'alimentation de cet équipement avant de.

### Key Specs

- **Voltage:** 0-28 VDC
- **Current:** 150mA
- **Connection:** 18AWG Wire Leads
- **Mounting:** 3/4" or 1/2" Pipe

\*See Ordering Information for model number selection

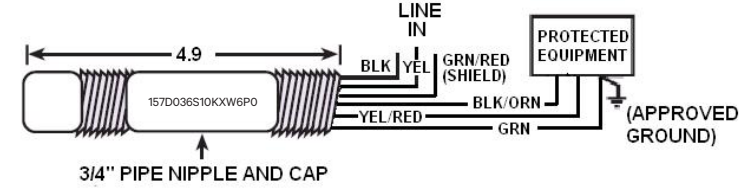
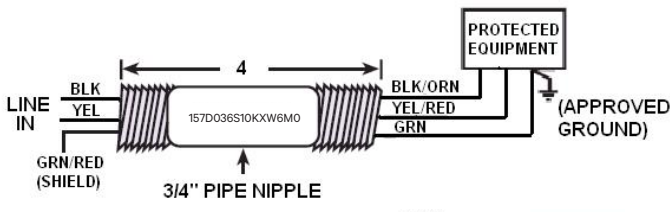
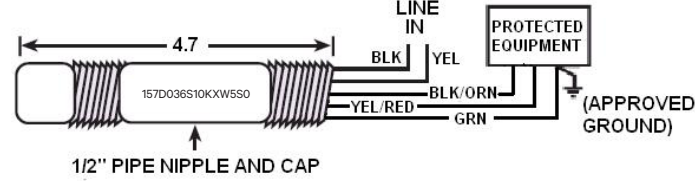
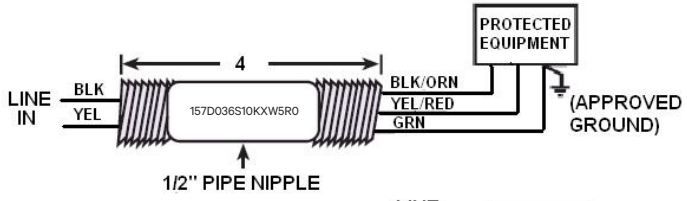
### Features

- 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 3/4")
- 5 year warranty

### Certifications

- UL 497B

## Typical Applications



## Ordering Information

### MODEL

Former Model Name

### APPLICATION

<b>157D036S10KXW5R0</b> <i>Edco SS64-036-1</i>	1/2" Metal Conduit In-Line
<b>157D036S10KXW5S0</b> <i>Edco SS64-036-2</i>	1/2" Metal Conduit Capped
<b>157D036S10KXW6M0</b> <i>Edco SS65-036-1</i>	3/4" Metal Conduit In-Line, with Shield
<b>157D036S10KXW6P0</b> <i>Edco SS65-036-2</i>	3/4" Metal Conduit Capped, with Shield