

## Surge Protective Device

## Technical Documentation



The **ASCO Model 184** is designed to work on Category 5 Power-Over-Ethernet transmission lines as well as Category 6 applications. Ideal to protect expensive equipment against surges and transients entering a building on exposed transmission lines.

### General Technical Specifications

Operating Voltage	0-57 VDC
Clamping Voltage	68 VDC
Operating Current	350 mA
Peak Surge Current	60 A (10 x 1000 $\mu$ s)
Frequency Range	0 to 250 MHz
Insertion Loss	< 0.1 dB at 20 MHz
SPD Technology	Silicon Avalanche Diode (SAD)
Connection Type	Female-Female RJ-45 Jacks
Operating Temperature	-40°C to +85°C
Dimensions (in / mm)	0.8" H x 1.0" W x 2.3" L [20.3 x 25.4 x 58.4 mm]
Weight (oz / kg)	1 oz [0.02 kg]
Warranty	5 year

#### Caution

Do not place this product in service on any signal line capable of supplying more than 350 mA continuously.

#### Attention

Ne pas placer ce produit dans le service sur une ligne de signal capable de fournir en permanence plus de 350 mA ampères.

### 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:** 0-57 VDC
- **Current:** 350 mA
- **Connection:** Input: female RJ-45  
Output: female RJ-45
- **Mounting:** NA

\*See Ordering Information for model number selection

### Features

- Exceeds Cat 5 & 6 transmission values
- CAT5 POE compatible
- CAT6 compatible
- Applications up to 57 VDC @ 350mA
- 5 year warranty

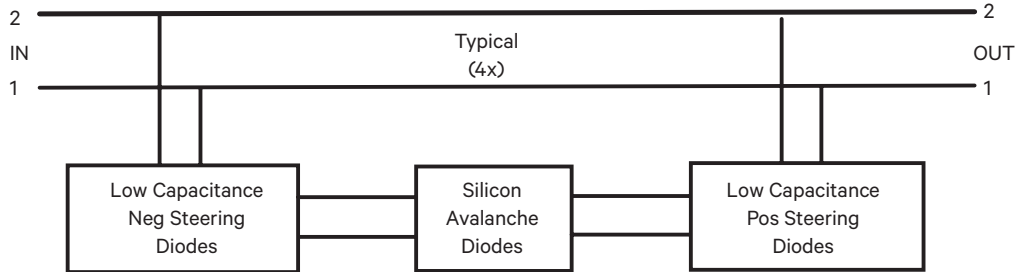
### Certifications

- IEEE802.3af compliant (POE)

## Installation Instructions

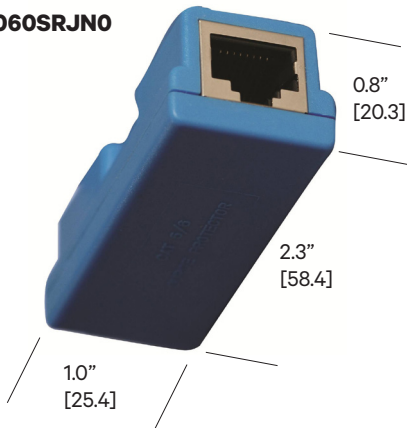
1. Mount the SPD as close as possible to the protected equipment.
2. Connect the supply cable (with RJ-45 connector) to the INPUT side of the SPD.
3. Complete the circuit by connecting the output of the SPD to the protected equipment.

## Circuit Diagram



## Dimensional Information

**184D065S060SRJN0**



## Ordering Information

### MODEL

*Former Model Name*

### APPLICATION

**184D065S060SRJN0**

*Edco CAT6-5POE-FF*

RJ-45 (female-to-female)

**184D065S060SRMNO**

*Edco CAT6-5POE-MF*

RJ-45 (male-to-female)