

### Surge Protective Device



The **ASCO Model 161** surge protector is easily installed directly at and in series with a camera's power terminal.

Model 161 uses 2.1mm jacks to connect to the camera's power adaptor and power feed. High-speed SAD technology clamps high energy transients that could damage the CCTV equipment.

#### General Technical Specifications

Operating Voltage	36.8 VDC
Clamping Voltage	59.3 VDC
Operating Current	0.5 A
Peak Surge Current	25.6 A
Peak Pulse Power	1500W (10 x 1000 μs)
SPD Technology	Silicone Avalanche Diode (SAD)
Connection Type	2.1mm x 5.5mm Female/Male Power Jack
Operating Temperature	-40°C to +85°C
Dimensions (in / mm)	2.24" L x 0.46" W [56.9 x 11.7 mm]
Weight (oz / kg)	0.6 oz [0.02 kg]
Warranty	1 year

### 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.

#### Ordering Information

##### MODEL

Former Model Name

**161D060S026SPJN0**

Edco CP-24

##### APPLICATION

12 VDC, 24 VDC, 25 VAC Systems

##### ACCESSORIES

Attached in series with camera power wiring

##### CPCTV

Model 162 Analog Video TV Camera Protection

### Technical Documentation

#### Key Specs

- **Voltage:** 0-37 VDC
- **Current:** 0.5 Amp
- **Connection:** 2.1mm x 5.5mm Female/ Male Power Jack
- **Mounting:** NA

\*See Ordering Information for model number selection

#### Features

- Fits 2.1mm Camera Power Jack
- Works for 12 VDC, 24 VDC and 24 VAC camera power
- High energy silicon avalanche technology
- Operating current .5 Amps
- Combination camera power/video kit available.
- 5 year warranty

## Installation Instructions

1. Disconnect the power wire at camera and at the source.
2. Connect “protected” side of Model 161 to the camera side of the wire and “unprotected” side of the device to the power source side of the wire.
3. Reconnect power source to camera.

### NOTE:

1. The Model 161 may be purchased in combination with the CPCTV video line surge protector accessory.
2. The Model 161 shall be installed per the applicable requirements of the National Electric Code, ANSI/NFPA 70.

