

#### Surge Protective Device

#### Technical Documentation



FAS-2

The **ASCO Model 151 Series** are multi-stage single pair or two pair surge suppressors designed for high exposure applications. These products were specifically designed to meet multiple low voltage protection applications in the fire and security industries.

#### Key Specs

- **Operating Voltage Up To:** 36 VDC
- **Current:** 2.5 Amp
- **Connection:** Hardwire/Terminal Block- accepts up to 12 AWG
- **Mounting:** Flange

General Technical Specifications	
Operating Voltage	24 - 36 VDC
Clamping Voltage	33 - 43 VDC
Operating Current	2.5 A
Peak Surge Current	10 kA (8 x 20 μs)
Frequency Range	0 to 10 MHz
Insertion Loss	< 0.1 dB at 10 MHz
SPD Technology	GDT, SAD, w/ Series Inductor
Connection Type	Terminal block w/ compression lugs Terminals accept up to 12 AWG
Operating Temperature	-40°C to +85°C
Dimensions (in / mm)	Single-Pair = 1.5 in. H x 1.5 in. W x 2.8 in. L [38.1 x 38.1 x 71.12 mm] Two-Pair = 2.0 in. H x 2.0 in. W x 2.8 in. L [50.8 x 50.8 x 71.12 mm]
Weight (oz / kg)	Single-Pair = 3.5 oz [0.1 kg] Two-Pair = 7 oz [0.2 kg]
Limited Warranty	5 years
Certifications	UL497B

#### Features

- Surge protection for low voltage data/signal lines
- Multi-stage protection
- Common mode and differential protection mode
- Automatic recovery

#### Certifications

- UL 497B

#### Ordering Information

MODEL Former Model Name	APPLICATION
<b>151D033S10KXN2N0</b> <i>Edco FAS-1-033HC</i>	24VDC (single pair)
<b>151D033S10KXN4N0</b> <i>Edco FAS-2-033HC</i>	24VDC (two pair)
<b>151D043S10KXN2N0</b> <i>Edco FAS-1-043HC</i>	24VAC (single pair)
<b>151D043S10KXN4N0</b> <i>Edco FAS-2-043HC</i>	24VAC (two pair)

Other Models Available. Contact Factory.