

Surge Protective Device

Technical Documentation



The **ASCO SAVFFF** shields coaxial connected electronics in residential and light commercial applications against electrical transient damage from entering through the main cable connection.

Rugged Gas Tube technology prevents catastrophic failure. Includes a section of coaxial cable with female to female splice for line side application.

To have complete protection for your equipment, home or business, it is important to protect AC power lines and all data lines the equipment is connected through.

Key Specs

- **Current:** 30 Amp
- **Connection:** F-Type InLine Coax

Features

- Rated for CATV, DSS, TV, VCR and Cable Modem
- Easy to install
- Standard Female to Female F connector
- Low insertion loss
- Automatic Recovery
- 5 year product warranty

General Specifications

Max Surge Current	5,000A
Short-Circuit Current Rating (SCCR)	30A, 1000VAC
Response Time	Less than 1 nanosecond
Frequency	DC thru 1.5 GHz
SPD Technology	Gas Discharge Tube
Insertion Loss	< 0.3dB / 0.2dB Typical
Connection Type	F-Type InLine Coax Protector
Operating Temperature	-40°C (-40°F) to +65°C (149°F)
Enclosure Material	Metalic with EMI shield
Warranty	5 Year
Certifications	UL 497C, NEC Article 830, ANSI/IEEE

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 verouillez toutes les sources d'alimentation de cet équipement avant de.

Certifications

- UL 497C
- NEC Article 830
- ANSI/IEEE

Installation Instructions

DO NOT INSTALL DURING ACTIVE STORM CONDITIONS.

This protector is intended to provide surge protection for customer premises and head end equipment. Proper grounding per NEC® code is required. Failure to follow these instructions can result in personal injury and/or equipment damage.

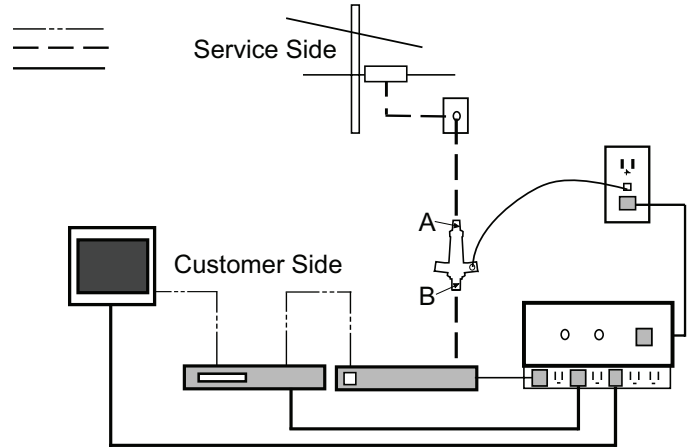
DC Voltage Breakdown Rating (100V/s): 150- 300VDC

1. Properly ground the unit by connecting grounding wire to ground screw on the surge protector and the ground point nearest to the incoming coax cable line.
2. Use the supplied coax cable extension line (if necessary) to connect one end to the input connector of the SAVFFF and the other end to the incoming coax cable line from the cable company or origin point connector of a satellite system.
3. Connect the coax cable line that will extend into the home to the other side of the SAVFFF protector.

Ordering Information

MODEL	APPLICATION
SAVFFF	Cable / Satellite TV

Typical Cable Tv Installation



Typical Cable Modem Installation

