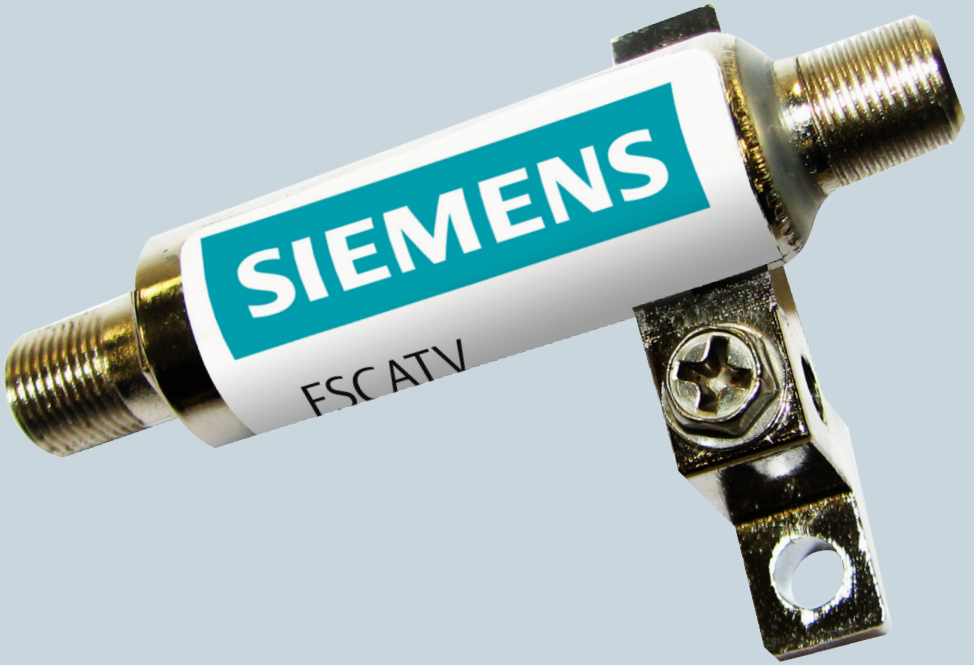


SIEMENS



Surge Protection for Coaxial Connected Electronics

FSCATV

User Manual - English (USA), English (Canada), French (Canada)
Manuel d' Installation

usa.siemens.com/surge
www.siemens.ca/surge

User Manual - USA (English)

Features and Benefits

- UL Listed
- 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*

Siemens FSCATV shields coaxial connected electronics in residential and light commercial applications against electrical transient damage, including lightning, from entering through the main cable connection.

FSCATV includes a section of coaxial cable with female to female splice for line side application. The Siemens warranty covers product defects for 5 years. 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.

Technical Specifications

AC SURGE PROTECTION	
Frequency Range	DC thru 1.5 GHz
Catastrophic Surge Circuit	Yes
Spike capacity	5000 Amps, 8/20 μ Sec
Impedance	75 Ohms
Overcurrent Protection	Yes
Return Loss	30dB @ 1 GHz
Insertion Loss	<0.1 dB
AGENCY APPROVALS & WARRANTY	
UL/cUL Listings	497C
Meets IEEE C62.41.1 Requirements	Yes
Product Warranty	5 Years
CATALOG NUMBER	
FSCATV	F-Type Incline Coax Protector

UL Model No. - Surgeasure™ SAVFFF

* See usa.siemens.com/surge for warranty details.

Installation Instructions:

DO NOT INSTALL DURING ACTIVE STORM CONDITIONS.

The FSCATV is intended to provide surge protection for customer premises and head end equipment. Proper grounding per CEC 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 the incoming cable service to side A of the FSCATV and connect side B to the equipment being protected. (See Figure 1 or 2)

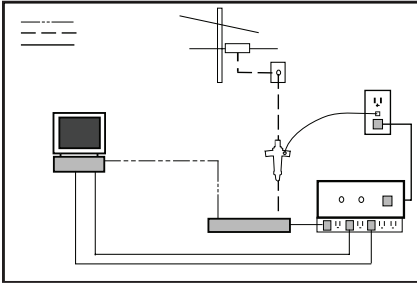


Figure 1. Typical Cable Modem Installation

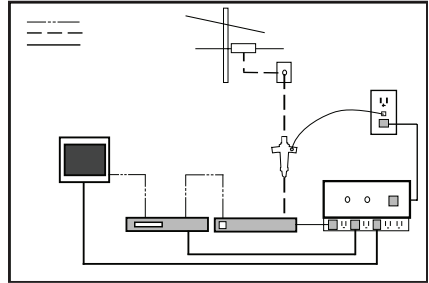


Figure 2. Typical Cable TV Installation

User Manual - Canada (English)

Features and Benefits

- UL Listed
- 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*

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2. Use the supplied coax cable extension line (if necessary) to connect the incoming cable service to side A of the FSCATV and connect side B to the equipment being protected. (See Figure 1 or 2)

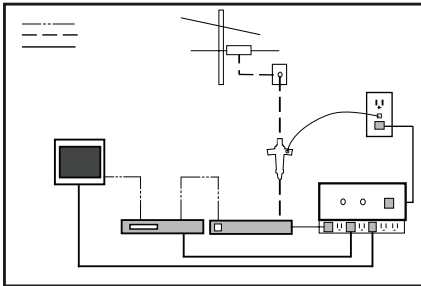


Figure 1. Typical Cable Modem Installation

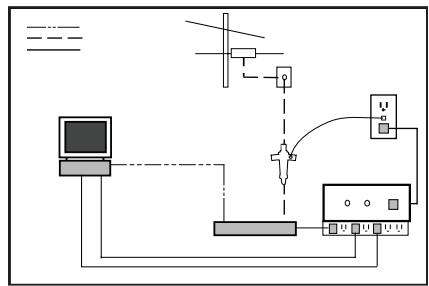


Figure 2. Typical Cable TV Installation

Manuel d'installation - Canada (Français/ French)

Caractéristiques et avantages

- Protection contre les surtensions homologuée cUL
- Convient à la câblodistribution, aux services d'accès numérique, à la télévision, à la magnétoscopie et à la transmission par modem câble
- Facile à installer
- Connecteur standard de type F femelle-femelle
- Affaiblissement d'insertion peu important
- Remise en service automatique
- Produit garanti 5 ans*

Le dispositif FSCATV de Siemens protège les appareils électroniques branchés par câble coaxial contre les dommages causés par un phénomène transitoire, y compris en raison de la foudre, à partir du point d'entrée jusqu'au raccord principal des câbles, tant pour la maison que pour les petites applications commerciales.

L'ensemble FSCATV comprend un câble coaxial avec raccord femelle-femelle pour une application côté secteur. La garantie de Siemens couvre toute défectuosité du produit pendant 5 ans. Pour assurer la protection complète de votre équipement, à la maison ou au bureau, il est essentiel de protéger les lignes d'alimentation c.a. ainsi que toutes les lignes de transmission de données auxquelles l'équipement est raccordé.

Données techniques

PROTECTION CONTRE LES SURTENSIONS C.A.	
Fréquence d'utilisation	DC à 1.5 GHz
Circuit antisurtension catastrophique	Oui
Capacité transitoire	5000 Amps, 8/20µSec
Impedance	75 Ohms
Protection en surintensité	Oui
Retour d'insertion	30dB @ 1 GHz
Perte d'insertion	<0.1 dB
HOMOLOGATIONS ET GARANTIE	
Homologation UL/cUL	497C
Répond aux exigences IEEE C62.41.1	Oui
Garantie	5 ans
NUMERO DE PIÈCE	
FSCATV	Protecteur coaxial type F

UL Model No. - Surgeassure™ SAVFFF

* Voir le site www.siemens.ca/surge pour les modalités de la garantie.

Instructions d'installation

NE PAS INSTALLER PENDANT UN ORAGE.

Le dispositif FSCATV est conçu pour protéger l'équipement d'entrée contre les surtensions dans les installations du client. Une mise à la terre appropriée selon le code CEC est requise. Dans le cas contraire, vous vous exposez à des blessures et/ou risquez de causer des dommages à l'équipement non couverts par la garantie.

Tension de claquage nominale en courant continu (100 V/s) : 150 – 300 volts c.c.

1. Pour une mise à la terre adéquate de l'unité, raccorder un câble de mise à la terre à la vis de borne de terre sur le parasurtenseur et sur le point de mise à la terre le plus rapproché du circuit coaxial.
2. Utiliser le câble coaxial de rallonge, inclus (si nécessaire), et branchez le dans la prise murale directement sur la prise du SPD4coax côté A ; branchez ensuite le câble coaxial de l'appareil à protéger directement sur la prise du FSCATV côté B.

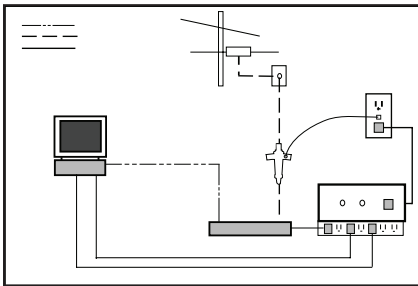


Figure 1. Installation typique de câble modem

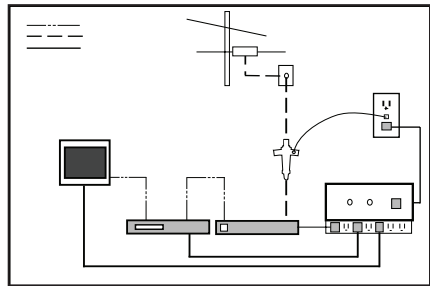


Figure 2. Installation typique de câble TV

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