

# Installation Instructions

Titan 65T120, 65T240

This EFI Surge Protection Device (SPD) is a high-performance surge protection device, designed to provide protection for sensitive electronic loads connected to service panels, load centers or where the SPD is directly connected to the electronic device. Maximum protection will only be achieved if the SPD is properly installed. Please read the installation instructions carefully and follow the instructions.

**NOTICE:** For installation by a qualified electrician in accordance with National and Local Electrical Codes and the following instructions.

**CAUTION:** Risk of Electrical Shock. Disconnect power before installing. Never wire energized electrical components. Do not cut wires until SPD is mounted and wire lengths have been verified.

## INSTALLATION INSTRUCTIONS

**1** Verify line voltage by measuring L-N and L-L in your system. Confirm that the SPD is rated for your system by comparing it to the table shown below or on the product label. The (MCOV) maximum continuous operating voltage specifications must not be exceeded.

**2** Identify proper location for SPD. Locate as close as physically possible to load being protected. Mount securely.

**3** Connect proper ground. Connect the ground from the electrical source to the ground "in" terminal on the 65T120 or 65T240. Connect the ground wire from the ground "out" terminal in the 65T120 or 65T240 to the ground on the load being protected. On isolated ground systems connect the suppressor ground to the isolated ground.

**4** Connect neutral conductor. With the electrical power OFF, measure and trim the neutral conductor. Connect the neutral conductor from the electrical source to the neutral "in" terminal on the 65T120 or 65T240. Connect the neutral conductor from the neutral "out" terminal on the 65T120 or 65T240 to the neutral on the load being protected.

**5** Connect phase conductor(s). With the electrical power OFF, measure and trim the phase conductor(s). Connect the phase conductor(s) from the electrical source to the "in" terminal in the 65T120 or 65T240. Connect the phase conductor(s) from the phase "out" terminals in the 65T120 or 65T240 to the phase terminals on the load being protected. Phase conductor to the suppressor should be protected by a properly rated overcurrent device. (i.e., circuit breaker, fused disconnect, etc.)

Standard wire sizes and amperage ratings:

#14 AWG Wire = 15 Amps

#12 AWG Wire = 20 Amps

**6** Activate unit. When power is applied, diagnostic light will indicate that protection is present. If light does not illuminate, recheck the phase, neutral and ground connections.

## Maximum Continuous Operating Voltage (MCOV)

System Voltage (L-N and L-L)

120 Vac

240 Vac

MCOV L-N/L-L if applicable

150 Vac

275 Vac



EFI Electronics  
Salt Lake City, UT 84104  
1-800-877-1174

# 10 YEAR LIMITED WARRANTY

EFI ELECTRONICS



EFI Electronics will, at its option, repair or replace any EFI Electronics product that is defective or is damaged by an electrical surge (including those caused by lightning) for a period of ten (10) years from date of purchase.

The above coverage applies to the original end user purchaser only and is the exclusive remedy under this warranty, whether based on contract, tort, including negligence, or otherwise. Claims must be made within 30 days of damage. This warranty does not cover damage associated with sustained overvoltages, vandalism, theft, normal wear and tear, obsolescence, abuse, nonauthorized modification or alteration, misuse, improper installation or catastrophic events. Except as expressly provided by this warranty, EFI Electronics disclaims liability for any incidental, indirect, special or consequential damages arising out of the sale or use of any EFI Electronics product (including without limitation lost business profits, loss of data and all freight, mileage, travel time and insurance charges associated with warranty coverage claims). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state. This warranty is valid in the United States and Canada only.

## Claim Procedure:

- 1** Contact EFI Electronics at the number below to obtain a return authorization number.
- 2** Return EFI Electronics device to EFI Electronics Inc, freight prepaid.
- 3** EFI Electronics returns working device, freight prepaid.

Caution: Effective surge suppression requires correct wiring.  
Warranty Assistance: Call 1-800-877-1174



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