

# T1 Surge

# Suppressor

**Protect customer**

**T1 circuit**

**connections**

**from extreme**

**lightning conditions.**

## Operational Description

CAC's Access Bank® I design provides high voltage surge protection that surpasses the requirements of FCC Part 68, but CAC has carried the concept of protection forward to include the protection of the installation itself. The added protection of a CAC T1 Surge Suppressor ensures continuation of service even under extreme lightning conditions.



The CAC T1 Surge Suppressor surpasses the requirements of FCC Part 68, National Electrical Code (NEC), and UL1459 test requirements for protection from high voltages. Tests conducted using the CAC T1 Surge suppressor on T1 lines with the Access Bank I resulted in no loss of service and no equipment damage when subjected to 2500 Volts @ 2µsec x 10µsec metallic strike.

CAC recommends the addition of the extra protection with the Access Bank I in areas with significant electrical activity on overhead T1 lines.

## Physical Description

RJ48 Connectors

Size: 3.6"L x 1.3" W x 1" H (9.144 x 3.3 x 2.54cm)

## T1 Surge Suppressor Features and Advantages

- Easy to install-connectorized-no screw terminal or mounting brackets
- Tested at up to 2500 V metallic strikes @ 2µsec x 10µsec
- Exceeds all regulatory requirements
- Reduces or eliminates exposure to lightning surge anomalies
- **Reference Part # 790-0001**

