

### 39E CHANNEL FUSE UNIT 5SCB400CXX

#### DATA SHEET

#### "SLC®" SERIES 5 CARRIER SYSTEM

The 39E channel fuse unit (CFU) is used in both central office and remote terminal (COT and RT) applications. Two CFUs are used in every dual channel bank, one each in the blue and white banks.

Each CFU contains five 80-type fuses. Two of the fuses protect -48 volt power to channel unit digroups AB and CD, respectively. Two of the fuses protect -20 Hz ringing power to channel unit digroups AB

and CD, respectively. The fifth fuse protects -48 volt power to common units in the bank.

Blown fuses in the CFU can be viewed and replaced through the faceplate. The CFU should not be removed from its slot to replace blown fuses.

**CAUTION:** Removal of the CFU can cause the loss of service of up to 96 customers.

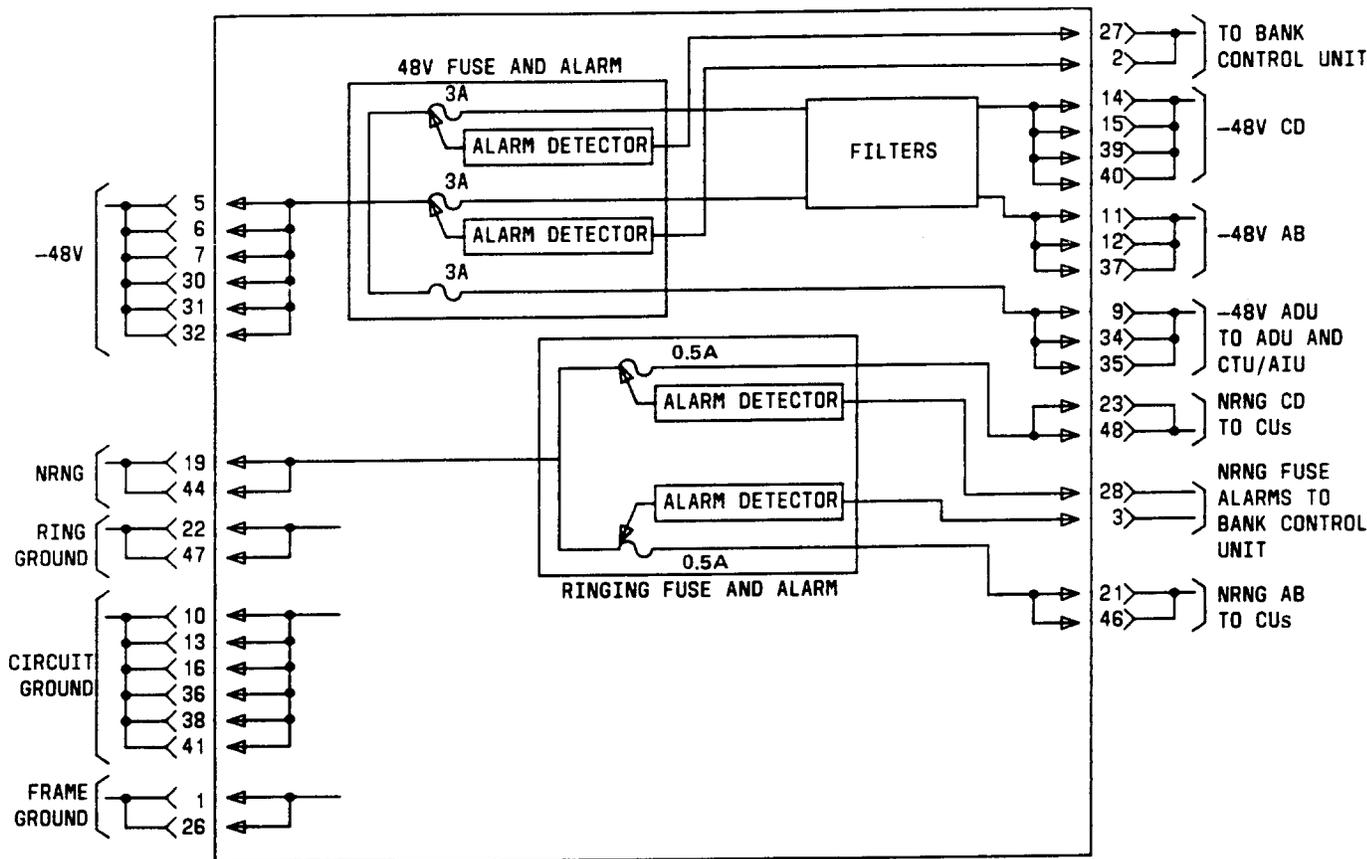


Fig. 1 — 39E Block Diagram

If it becomes necessary to remove the CFU from its slot because of a failure other than a blown fuse a special procedure is required. Protruding through the lower left corner of the faceplate is a spring latch which must be lifted and held while extracting the CFU by the molded handle provided. The spring latch can be lifted with a suitable instrument, such as a pen, inserted into its wire loop.

Figure 1 is a functional block diagram of the unit, and Fig. 2 shows the faceplate.

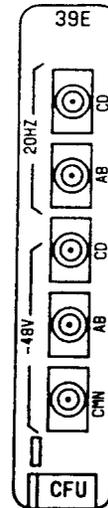


Fig. 2—39E Faceplate Diagram