

## 39F LINE FUSE UNIT 5SCB500CXX DATA SHEET SLC® SERIES 5 CARRIER SYSTEM

The 39F Line Fuse Unit (LFU) is used at both the Series 5 Central Office Terminal (COT) and Remote Terminal (RT) and in the Digital Carrier Line Unit 5 (DCLU 5) Transmission Facility Interface Unit (TFIU). One LFU is used per Series 5 dual channel bank or DCLU 5 TFIU.

Each LFU contains five 80-type fuses. They fuse -48 volt power to line interface units (LIUs) corresponding

to channel unit digroups AB and CD (blue), digroups AB and CD (white), and to protection LIUs, respectively.

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

This practice has been reissued to add the use of the 39F LFU in the DCLU 5 TFIU.

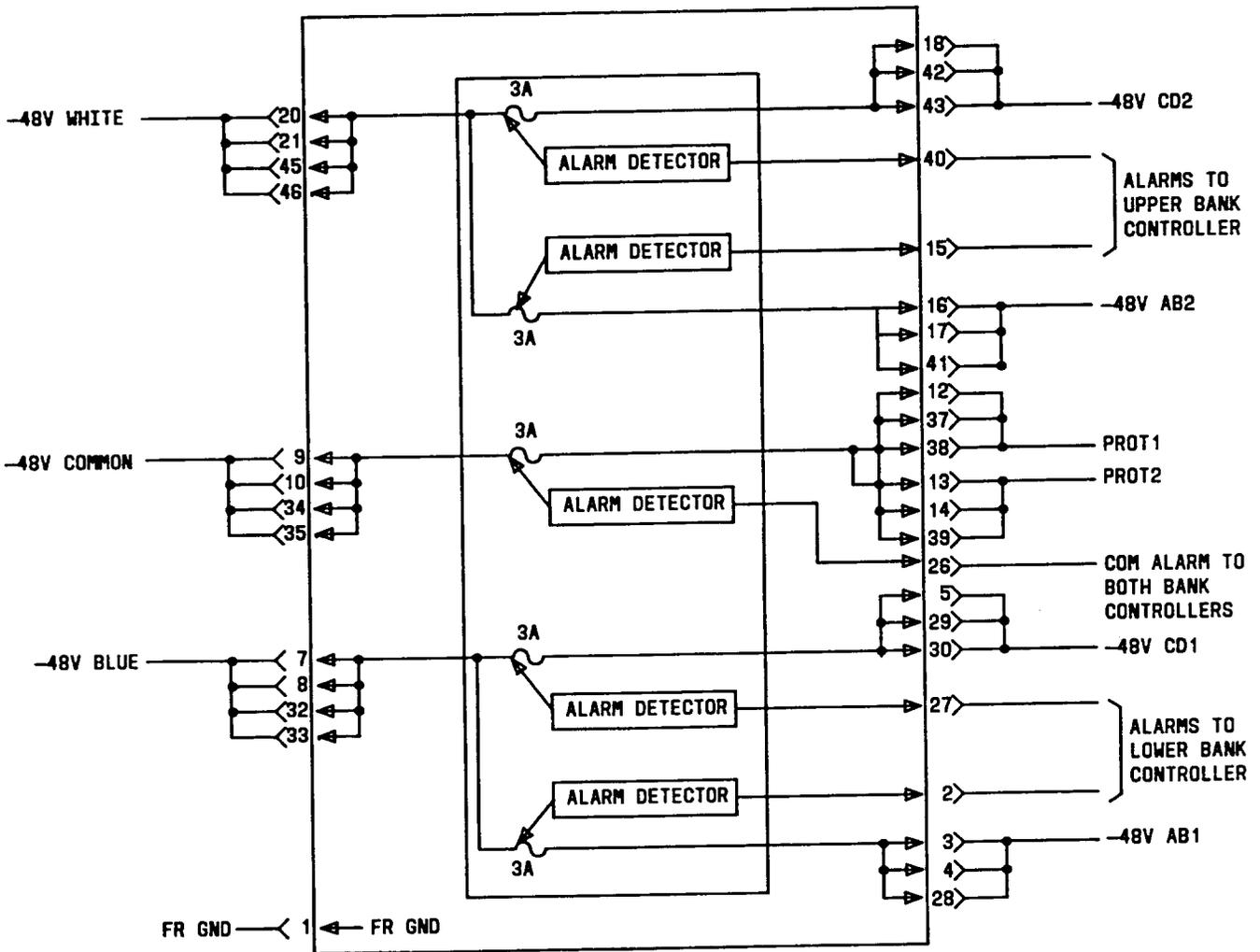


Fig. 1—39F Block Diagram

**Caution:** *Removal of the LFU can cause the loss of service for up to 192 customers.*

If it becomes necessary to remove the LFU 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 LFU 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.

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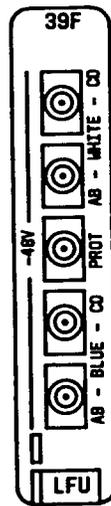


Fig. 2—39F Faceplate Diagram