

AUA35 (COT) CHANNEL UNIT - MULTIPARTY 5SCU540AXX

DATA SHEET

SLC® SERIES 5 CARRIER SYSTEM

The AUA35 CU (channel unit) is intended for 2-wire multiparty applications with loop-start supervision. For 2-party lines, ANI (automatic number identification) will identify the calling party. It is a current sink unit that provides the interface between the central office line circuit and the SLC Series 5 system. This plug-in can provide two channels of service and will always be located in the COT (central office terminal).

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

This unit is a voice-frequency transmission channel unit having a transformer coupled line interface with a nominal structural impedance of 900 ohms that, when off-hook, provides a high return loss against 900 ohms in series with 2.16 μ F. The off-hook loss is 0 dB in both the transmit and receive directions and is compatible with ALIT (automatic line insulation tests). In the on-hook state this unit provides on-hook transmission with 1 dB of loss in both the transmit and receive directions. In the

off-hook state the nominal DC resistance is 1000 ohms.

There are no options or settings that need to be selected on this channel unit.

Faceplate LEDs indicate as follows:

- **ODD BUSY** (Red LED): When lighted, indicates that the odd channel is busy.
- **EVEN BUSY** (Red LED): When lighted, indicates that the even channel is busy.

The faceplate jack provides convenient test access to the tip (T) and ring (R) of both the odd (O) and even (E) channels.

Technical assistance for the SLC Series 5 system can be obtained by calling the Regional Technical Assistance Center at 1-800-225-RTAC. This telephone number is staffed 24 hours per day.

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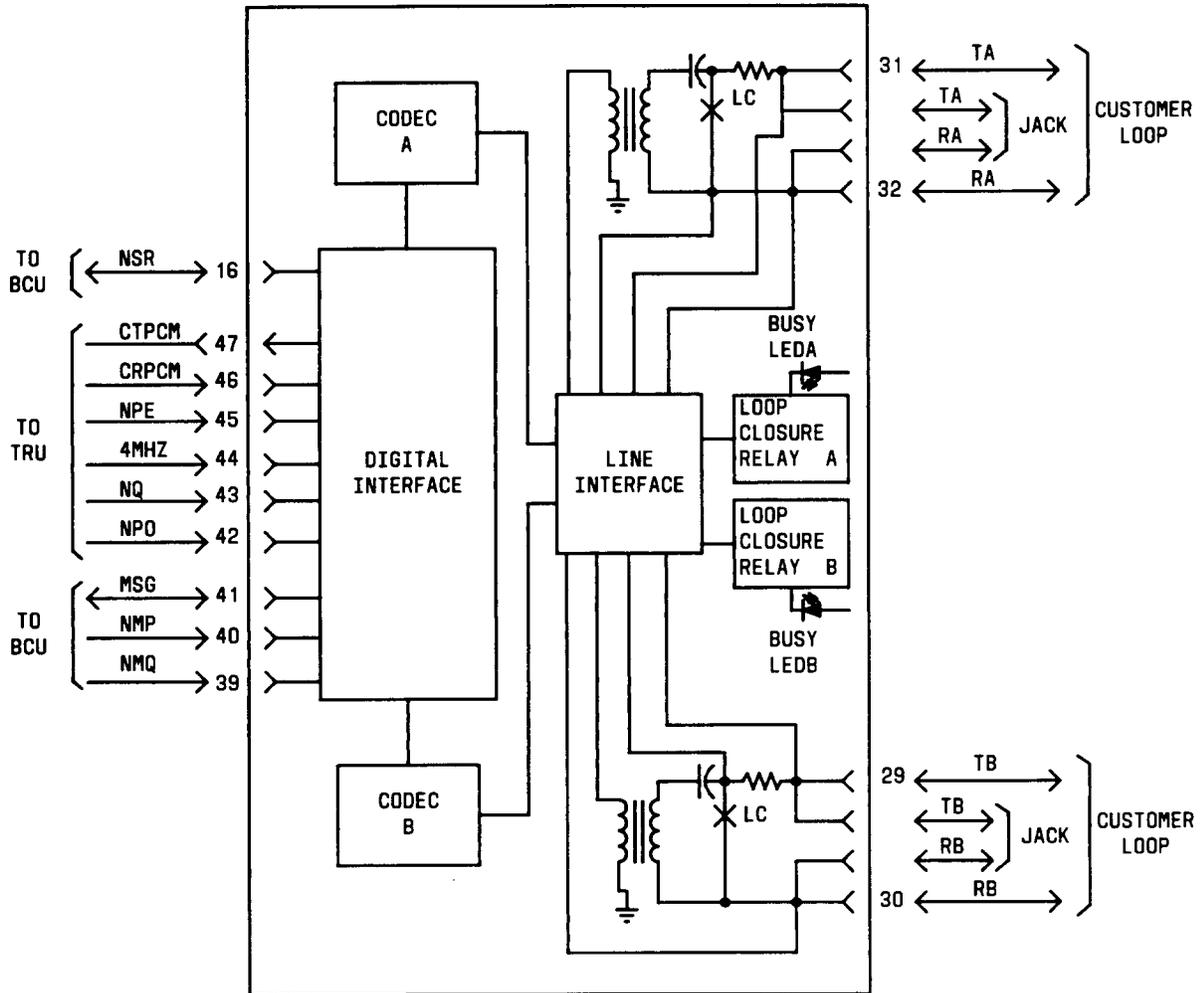


Fig. 1—AUA35 Block Diagram

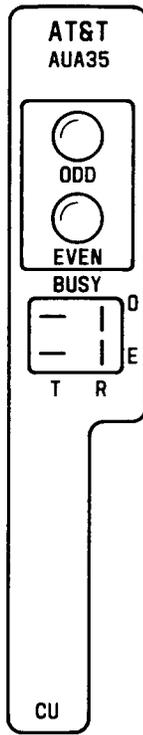


Fig. 2—AUA35 Faceplate