

45A1 DATA MOUNTING

IDENTIFICATION

1. GENERAL

1.01 This section provides the identification of the 45A1 data mounting. This mounting provides a housing for a single data auxiliary set (DAS) 829-type or one of the following combinations of circuit packs:

- A DAS 829-type and one 48A1 data unit (alternate voice).
- A DAS 829-type and one 48B1 data unit (dial backup).
- A DAS 829-type plus a 48A1 and a 48B1 data unit (alternate voice and dial backup).

1.02 The 45A1 data mounting, shown in Fig. 1, is used to provide a housing for the DAS 829-type and the supplementary data units. These supplementary data units, the 48A1 and 48B1, provide for alternate voice and dial backup service, respectively. The DAS 829-type is a channel interface unit (CIU) that is normally installed between the 4-wire line from the central office and the data set (modem) at the station.

2. PHYSICAL DESCRIPTION

2.01 The 45A1 data mounting housing is intended to be desk-, shelf-, or wall-mounted. If wall mounting is selected, the 193A backboard is required for use as a mounting plate.

2.02 The 45A1 data mounting consists of a metallic housing with front and rear plastic dust covers, a 24 Vac wall-mounted transformer (KS-21362-L1), equipped with an 8-inch power cord and a 6-foot cord (840807028). The backplane, mounted on the rear of the unit, contains screw terminals that provide for connection to the 4-wire

private line facilities at terminals labeled T, R, T1, and R1. The two 2-wire switched network facilities connect to terminals labeled T2, R2, T3, and R3. The manual loop-back key (if provided) connects to terminals labeled MLB and CG. The modem connects to P1 (bottom connector plug) and the telephone (if required) connects to J4 (top connector jack).

2.03 The 6-foot power cord (840807028) connects the data mounting housing to the KS-21362-L1 transformer. The input voltage to the 45A1 data mounting is 24 Vac and connects to screw terminals labeled AC1, AC2 and FG.

2.04 The overall dimensions of the 45A1 data mounting are 10-1/2 inches wide, 12-1/4 inches deep, and 2-11/16 inches high. The data mounting weighs approximately 5-1/2 pounds without the circuit packs.

3. REFERENCES

3.01 The schematic drawing number on the 45A1 data mounting is SD-1D247-01.

3.02 More descriptive information on the 45A1 data mounting is given in the following Bell System Practices.

SECTION	TITLE
598-082-101	Data Auxiliary Set 829-Type—Supplementary Functions for Voiceband Private Line Channels (Alternate Voice and Dial Backup)—Description
598-082-180	Data Auxiliary Set 829-Type—Summarization Specification

SECTION 590-102-135

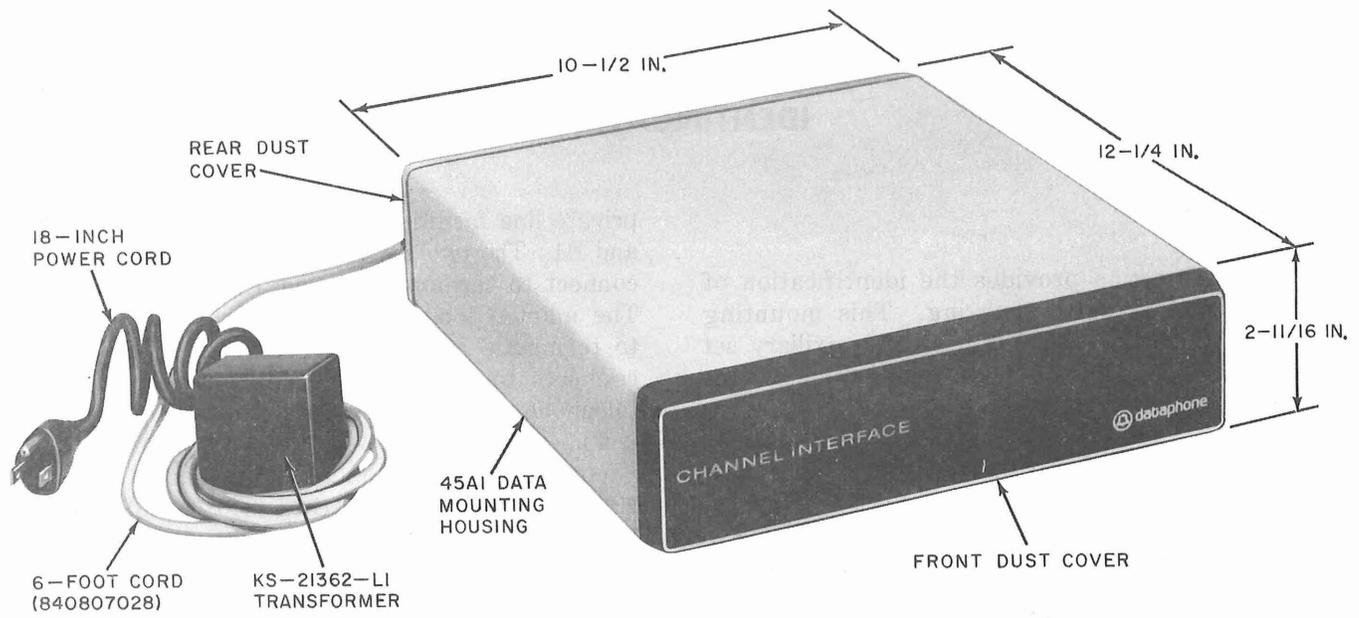


Fig. 1—45A1 Data Mounting