

59A1 DATA MOUNTING IDENTIFICATION

1. GENERAL

1.01 This section provides the identification of the 59A1 data mounting. This data mounting provides housing and interface connections for one data auxiliary set (DAS) 829-type; one DAS 829-type with one 48A1, 48B1, 48ER1, 48FR1, or 48G1 data unit; one DAS 829-type with one 48A1 and one 48B1 or 48ER1 data unit; or one DAS 829-type with one 48A1 and one 48G1 data unit.

1.02 When this section is reissued, the reason for reissue will be contained in this paragraph.

1.03 The 59A1 data mounting (Fig. 1) is used with the DAS 829-type to provide a prewired and tested standard termination for a 4-wire private line voiceband data channel. The DAS 829-type functions as a channel interface unit (CIU). The 48A1 data unit provides 4-wire or 2-wire alternate voice service. The 48B1, 48ER1, and 48FR1 data units provide 4-wire dial backup service. The 48G1 data unit provides 2-wire to 4-wire conversion.

1.04 The 59A1 data mounting can be mounted on a desk, shelf, or wall. If wall mounting is selected, a separately ordered 193A backboard is required for use as a mounting plate.

2. DESCRIPTION

2.01 The 59A1 data mounting consists of a metallic housing with front and rear plastic dust covers, a 6-foot power cord (840807028), and a 24-Vac wall-mounted transformer (KS-21362-L1) with an 18-inch power cord. A bridge rectifier power supply is an integral part of the data mounting.

2.02 The backplane of the 59A1 data mounting contains two 50-pin connectors (P1, J4) and the screw terminals for connecting to 4-wire metallic

facilities (T, R, T1, R1), a 4-wire dial backup channel (T2, R2, T3, R3) consisting of two 2-wire switched network lines, the 24-Vac transformer (AC1, AC2, FG), a manual loopback key (CG, MLB), the simplex pair of the 4-wire metallic facilities (SX1, SX2), and a customer- or modem-provided contact (DBU3, DBU4). Connector P1 connects to a single modem. Connector J4 connects to a 6-button key telephone set (565HKM or 2565HKM), a station dial (43A or 53A), or an automatic calling unit (DAS 801CR-L1/2).

2.03 The 59A1 data mounting is 3-2/3 inches high, 11-1/2 inches wide, and 12-2/3 inches deep. The data mounting weighs 6-7/8 pounds.

3. REFERENCES

3.01 Additional information concerning the 59A1 data mounting is contained in the following publications:

SECTION	TITLE
598-082-100	Data Auxiliary Set 829-Type— Channel Interface Units—Voiceband Private Line Channels—Description
598-082-200	Data Auxiliary Set 829-Type— Channel Interface Units—Voiceband Private Line Channels—Installation and Connections
598-082-500	Data Auxiliary Set 829-Type— Channel Interface Units—Voiceband Private Line Channels—Test Procedures

3.02 Detailed information concerning the 59A1 data mounting is contained in CD- and SD-1D247-01.

NOTICE

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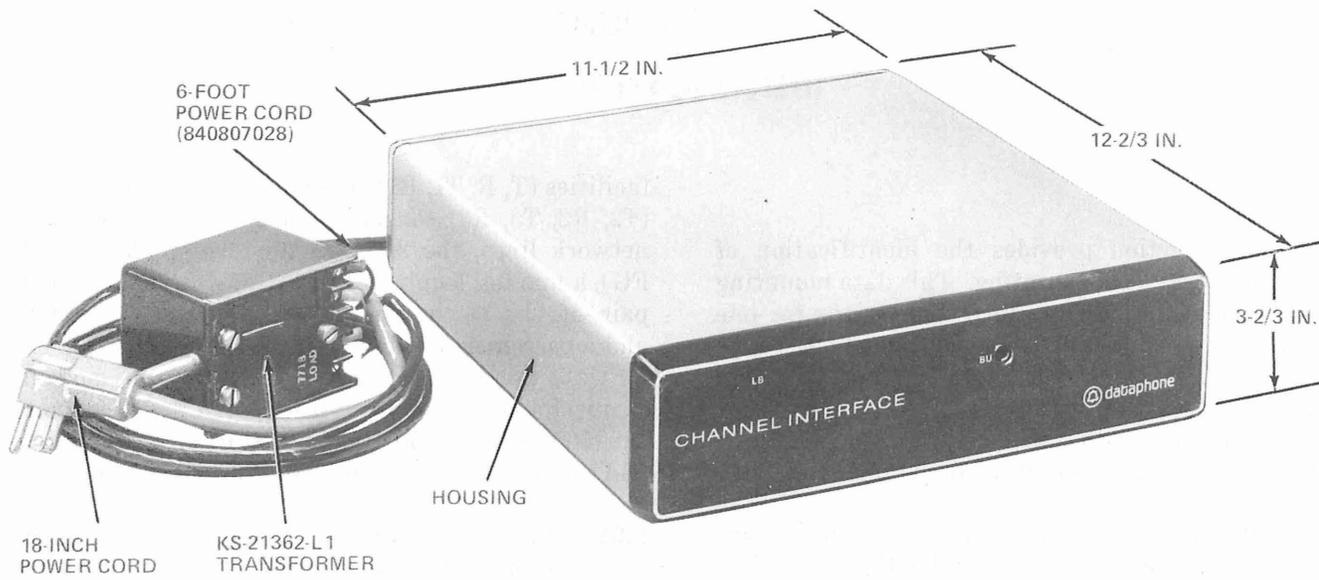


Fig. 1—59A1 Data Mounting