

DATA SETS 108F AND 108G IDENTIFICATION

1. GENERAL

1.01 Data sets (DSs) 108F and 108G (Fig. 1) provide low speed (up to 300 baud), serial, asynchronous, full-duplex operation. DS 108F or G connects to Bell System teletypewriters, customer-provided equipment, and data auxiliary sets (DASs) 830B-L1A and 830C-L1A using Electronic Industries Association (EIA) data and control signals. The 52A1 data unit mounts on the 108F or G circuit pack to provide remotely activated digital loopback test capability.



Fig. 1—Data Set 108F or 108G

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

2. DESCRIPTION

2.01 DS 108F or G consists of a single printed circuit pack, an extruded aluminum housing with two plastic covers, and a KS-21239-L4 or -L5 power transformer.

2.02 DS 108F or G overall dimensions are approximately 5.75 inches wide, 10.9 inches long, and 2.2 inches high. The set weighs approximately 3 pounds and each KS-21239-L4 or -L5 power transformer weighs approximately 1 pound.

2.03 DS 108F or G may be desk or table-top mounted or wall mounted using a 193A backboard (ordered separately). The top surface of each data set is depressed to allow nesting of several data sets.

2.04 DS 108F or G requires a power source that provides 105 to 129 volts 7 watts at 57 to 63 Hz.

2.05 These data sets will operate over a temperature range of 40°F to 120°F with relative humidity of 20 to 95 percent.

2.06 DS 108F or G is equipped with a 25-pin connector (Fig. 2) to provide EIA interface to terminal equipment or DAS 830-type. Telephone line and power connections are made using locally furnished wire (two D4BT cords are recommended).

3. REFERENCES

3.01 The following Bell System Practices provide additional information on DS 108F and G and associated equipment:

SECTION	TITLE
591-818-100	Private Line Station Arrangements Using Data Sets 108F and 108G With Data Auxiliary Sets 830B and 830C—Description
591-818-200	Private Line Station Arrangements Using Data Sets 108F and 108G With Data Auxiliary Sets 830B

NOTICE

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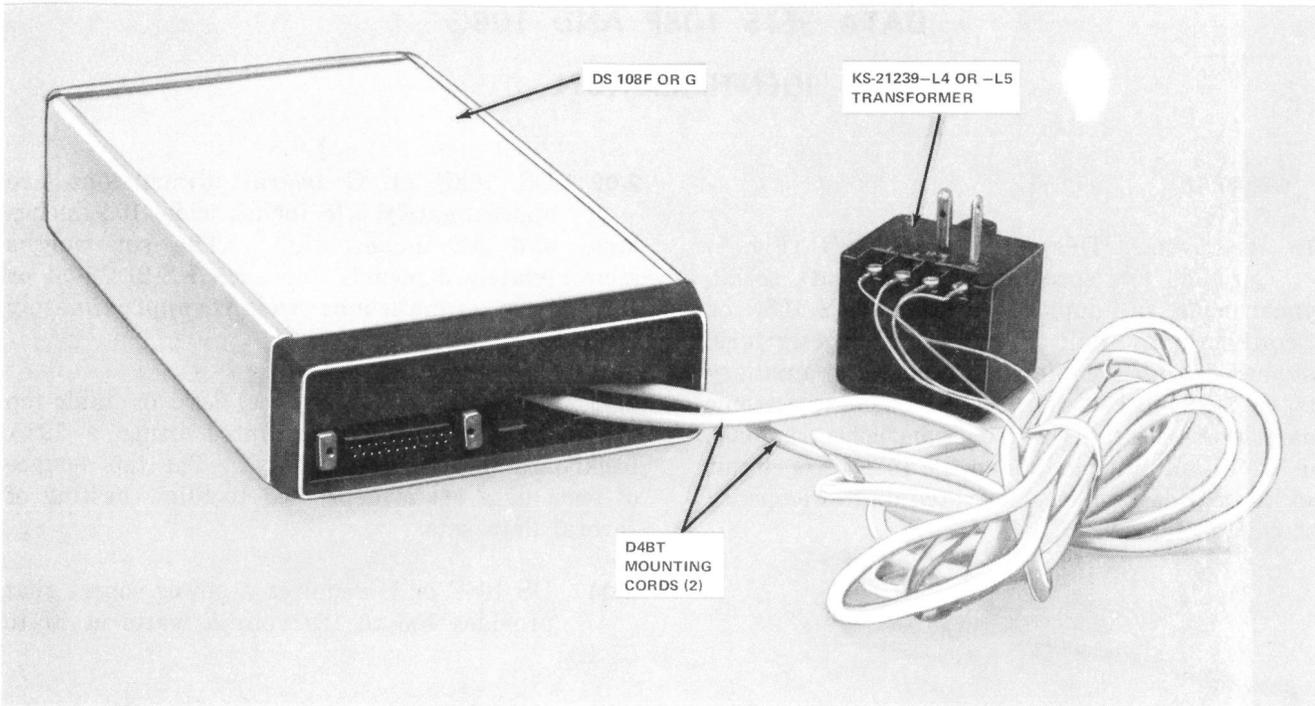


Fig. 2—DS 108F or G Rear View

SECTION

TITLE

3.02 The following schematic drawings (SDs) and circuit descriptions (CDs) contain information on DS 108F and 108G or associated equipment:

591-818-500

and 830C—Installation and Connections

Private Line Station Arrangements Using Data Sets 108F and 108G With Data Auxiliary Sets 830B and 830C—Maintenance and Test Procedures

NUMBER

TITLE

SD- & CD-1D285-01 Data Set 108F

598-083-102

Data Auxiliary Set 830B—Identification

SD- & CD-1D286-01 Data Set 108G and 52A1 Data Unit

598-083-103

Data Auxiliary Set 830C—Description

SD- & CD-1D250-01 Data Auxiliary Sets 830A, 830B, and 830C