

## DATA AUXILIARY SET 830A IDENTIFICATION

### 1. GENERAL

**1.01** Data auxiliary set (DAS) 830A (Fig. 1), with data set 108- or 109-type, provides private line service. DAS 830A operates at low speeds (up to 300 baud) and connects to any terminal using Electronic Industries Association (EIA) data and control signals.

### 2. DESCRIPTION

**2.01** DAS 830A is always connected to the line to transmit/receive data to/from the remote station. However, terminal equipment must be ON to transmit or receive data.

**2.02** DAS 830A has an aluminum body with removable front and rear plastic covers. It

houses a data set and test switch (with lamp). Access to the data set is obtained by removing the front cover. Connections and option switch settings are made after removal of the rear cover. (Fig. 2).

**2.03** DAS 830A measures 2.7 inches high, 10.5 inches wide, 8.7 inches deep, and weighs approximately 8 pounds.

**2.04** DAS 830A requires 105 to 130 volts, 60 Hz and will draw approximately 15 watts. The data set and power cord (M3AY *or* KS-14532-L16) must be ordered separately. The M3AY cord is terminated with spade tips for connection to TTY; the KS-14532-L16 is terminated with a 3-prong plug for connection to a receptacle.

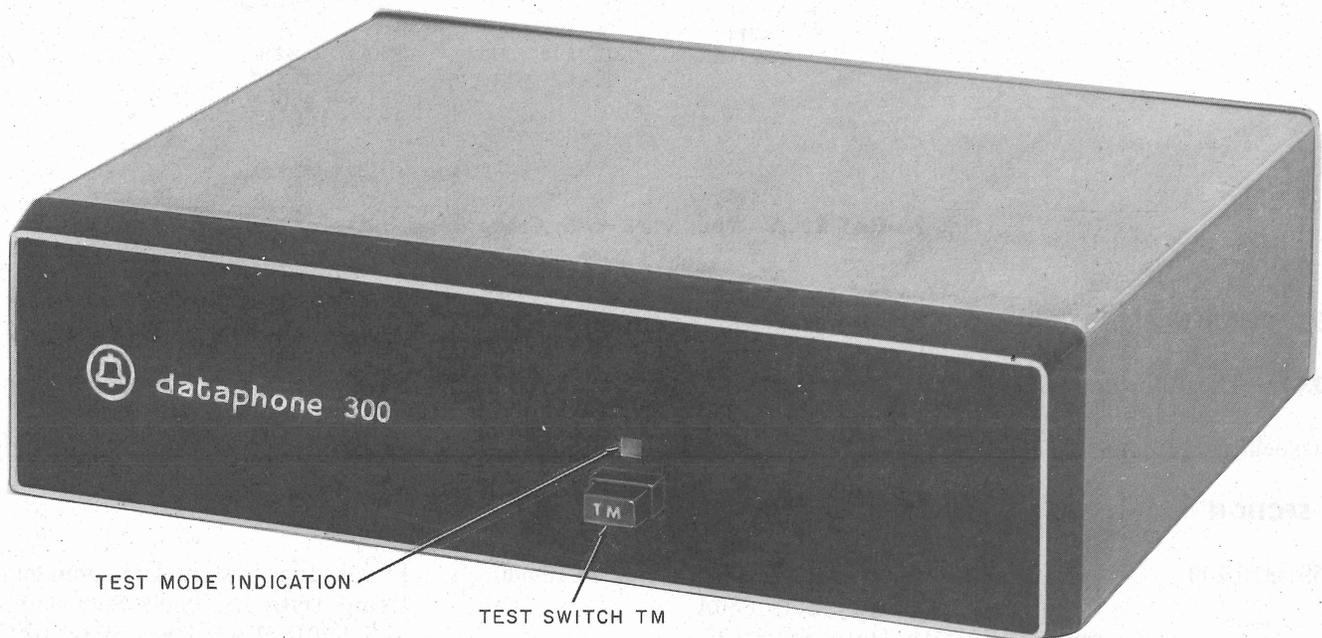


Fig. 1—DAS 830A

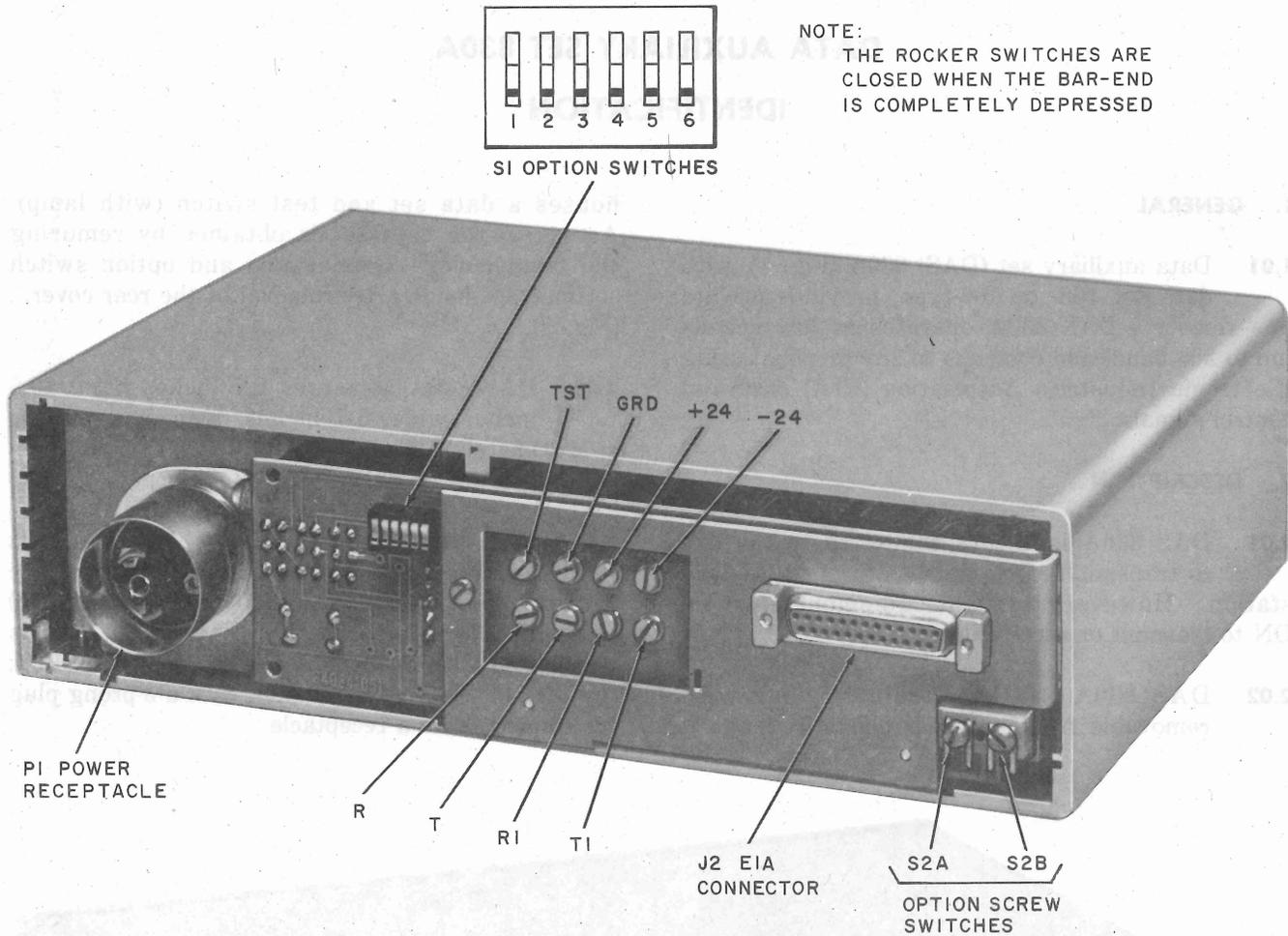


Fig. 2—DAS 820A—Rear View With Cover Removed

3. REFERENCES

3.01 The following Bell System Practices provide additional information on DAS 830A and associated equipment:

SECTION

TITLE

591-816-300 Private Line Station Arrangements Using Data Auxiliary Sets 830A and 830B With Data Sets 108- ad 109-Type—Maintenance

SECTION

TITLE

591-816-100 Private Line Station Arrangements Using Data Auxiliary Sets 830A and 830B With Data Sets 108- and 109-Type—Description and Operation

591-816-500 Private Line Station Arrangements Using Data Auxiliary Sets 830A and 830B With Data Sets 108- and 109-Type—Test Procedures

591-816-200 Private Line Station Arrangements Using Data Auxiliary Sets 830A and 830B With Data Sets 108- and 109-Type—Installation and Connections

3.02 The following schematic drawing (SD) and circuit description (CD) contain information pertaining to DAS 830A:

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