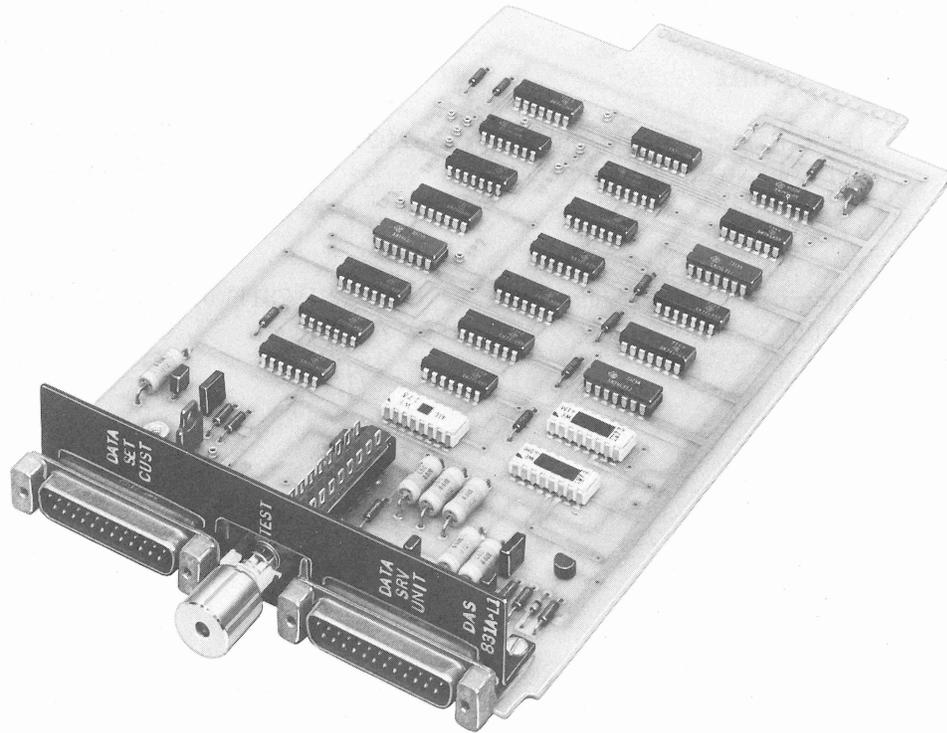


DATA AUXILIARY SET 831A-TYPE IDENTIFICATION



Data Auxiliary Set 831A-L1

1. GENERAL

1.01 This section provides a physical description of data auxiliary set (DAS) 831A and describes its basic function.

1.02 DAS 831A is Digital Data System (DDS) serving test center (STC) hub office equipment and is used in providing subrate off-net extension service.

1.03 The subrate off-net extension consists of an analog link via a 4-wire private line circuit from the customer premises to a DDS STC hub office using data sets 201C, 208A, or 209A. DAS 831A serves as a buffer between the hub office data set and the 500A data service unit (DSU) at the input of the DDS network.

2. DESCRIPTION

2.01 DAS 831A-L1 is a plug-in circuit pack measuring 5.55 inches wide, 10.7 inches long, and 1.3 inches thick. Weight is 0.6 pound. Power for DAS 831A is supplied from the associated data set and requires +12 volts at approximately 22 mA, +5 volts at approximately 88 mA, and -12 volts at approximately 12 mA. Operation is permissible in an ambient temperature range of 40 to 120°F in a relative humidity of 20 to 95 percent.

2.02 DAS 831A-L1 is equipped with an indicating type push/push TEST switch to permit looping back signals to the DSU. The indicator in the center of the button is orange when the switch is depressed (test position) or black when the switch is released.

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2.03 The 49A1 data mounting is used to provide a slotted nest mounting arrangement for up to ten DASs 831A-L1.

3. REFERENCES

3.01 For additional information relating to the DDS off-net extension and DAS 831A, refer to the following documents:

SECTION	TITLE	SECTION	TITLE
314-919-100	Digital Data System Substrate Off-Net Extension Arrangement — Description	314-919-200	Digital Data System Substrate Off-Net Extension Arrangement — Installation and Connections
314-919-180	Data Auxiliary Set 831A-Type— Summarizing Specification—Data System	314-919-300	Digital Data System Substrate Off-Net Extension Arrangement — Maintenance
		314-919-500	Digital Data System Substrate Off-Net Extension Arrangement — Test Procedures
		CD- & SD-73111-01	Data Auxiliary Set 831A-Type