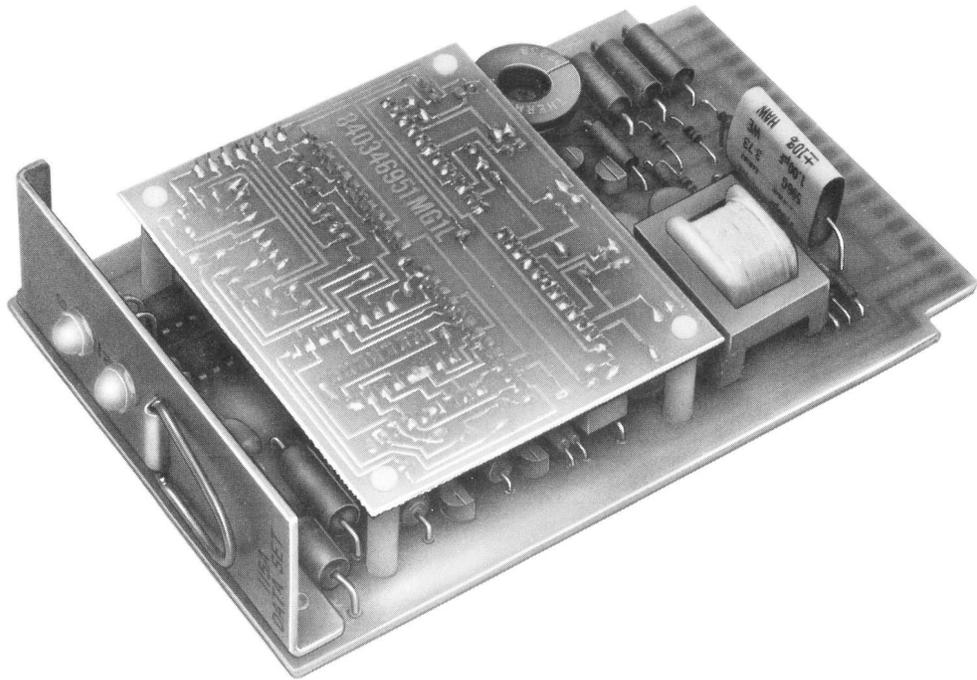


DATA SET 115A IDENTIFICATION



Data Set 115A

1. GENERAL

1.01 This practice provides a physical description of data set 115A and describes its basic functions. A list of references given in Part 3 provides additional information on data set 115A.

1.02 Data set 115A is central office apparatus which is used in conjunction with the 43A1 data mounting as a part of a low speed signaling

system for transmission of customer-originated alarm signals.

2. DESCRIPTION

2.01 Data set 115A is a plug-in circuit pack measuring 5.3 inches long, 3.5 inches high, and 1.34 inches wide, and weighs approximately 5 ounces. The data set requires a maximum of 105 mA current from the -48V central office battery and 70 mA at 5V from a power unit in the 43A1

SECTION 591-038-100

data mounting. Data set 115A will operate in a temperature range of -20 to +140°F and a relative humidity range of 5 to 95 percent.

2.02 Data set 115A detects and repeats customer-originated alarm signals of 30 baud or less. The signals are in the form of alarm loop continuity or open and loop floating or ground. Data set 115A converts these input signals to ground referenced signal N' and G'. An interface driver located elsewhere in the low speed signaling system converts the N' and G' signals to a form compatible with the customer signal detection equipment.

3. REFERENCES

3.01 For additional information relating to the low speed signaling system, refer to the following documents:

SECTION	TITLE
312-812-100	Low Speed Signaling System Using Data Set 115A—Description

SECTION	TITLE
312-812-180	Data Set 115A—Summarizing Specification
312-812-200	Low Speed Signaling System Using Data Set 115A—Installation and Connections
312-812-300	Low Speed Signaling System Using Data Set 115A—Maintenance
312-812-500	Low Speed Signaling System Using Data Set 115A—Test Procedures
880-350-110	Low Speed Signaling System Using Data Set 115A—General Engineering Considerations
CD- & SD-73104-01	Data Set 115A-Type and 43A1 Data Mounting