

57-TYPE DATA MOUNTINGS

DESCRIPTION

1. GENERAL

1.01 This section provides a brief physical and functional description of the 57-type data mountings.

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

1.03 The 57A1 data mounting provides the "nest" for up to four data sets (DS) 407C and the associated backplane wiring (Fig. 1). The 57A1 data mounting contains a 229A power unit, 47A1 and 51A1 data units, and a test cable.

1.04 The 57B1 data mounting (Fig. 2) is identical to the 57A1 data mounting, except that it does not contain the data units and test cable provided with the 57A1 data mounting.

1.05 A KS-14532-L24 six-foot power cord is supplied with the 57A1 and 57B1 data mountings for connecting the power units to a source of 117-Vac 60-Hz power.

2. PHYSICAL DESCRIPTION

2.01 The 57A1 and 57B1 data mountings measure 21 inches wide, 10.6 inches high, and 16.6 inches deep. The 57A1 data mounting weighs about 37 pounds, while the 57B1 weighs about 33 pounds without the 229A power units. The 229A power units weigh about 30 pounds each.

2.02 The 57-type data mountings are each equipped with eight 908J1 connectors to mate with two printed wiring board connectors on each data set. Backplane wiring is provided on the back side of the data mountings.

2.03 The 57-type data mountings are equipped with removable front covers. Two decals are attached to the inside of the front cover for the 57A1 data mounting. One decal provides data

set number location and computer port assignment for each data set in the mounting. The other decal provides local test information. Only the location/computer port decal appears on the 57B1 data mounting.

2.04 The 57A1 data mounting is housed in the bottom of a KS-20018-L20 cabinet. If more than four data sets are required at a station, a 57B1 data mounting is installed above the 57A1 data mounting, which will accommodate up to four more DS 407Cs.

2.05 The KS-20018-L20 cabinet will house two 57-type data mountings. The KS-20018-L20 cabinet is provided with forced ventilation. Thermal protection, ie, an 81A (thermal) detector is required and must be ordered separately. *Due to thermal limitations, the KS-20018-L20 cabinet is the only cabinet recommended for housing DS 407Cs.*

3. FUNCTIONAL DESCRIPTION

3.01 The 57A1 data mounting is a multiple housing which will accommodate four DS 407Cs. The 229A power unit furnished with the data mountings will supply four sets of regulated +12 volts, -12 volts, +5 volts, and -5 volts independently to power up to four data sets in the mounting.

3.02 The 47A1 and 51A1 data units supplied with the 57A1 data mounting are used to test all the data sets in one cabinet.

3.03 Connectors on the rear of the data mounting interconnect from the eight 908J1 jacks where the data sets plug in, to the telephone (data) lines automatic call distributor (ACD), and/or key telephone sets via a connecting block.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

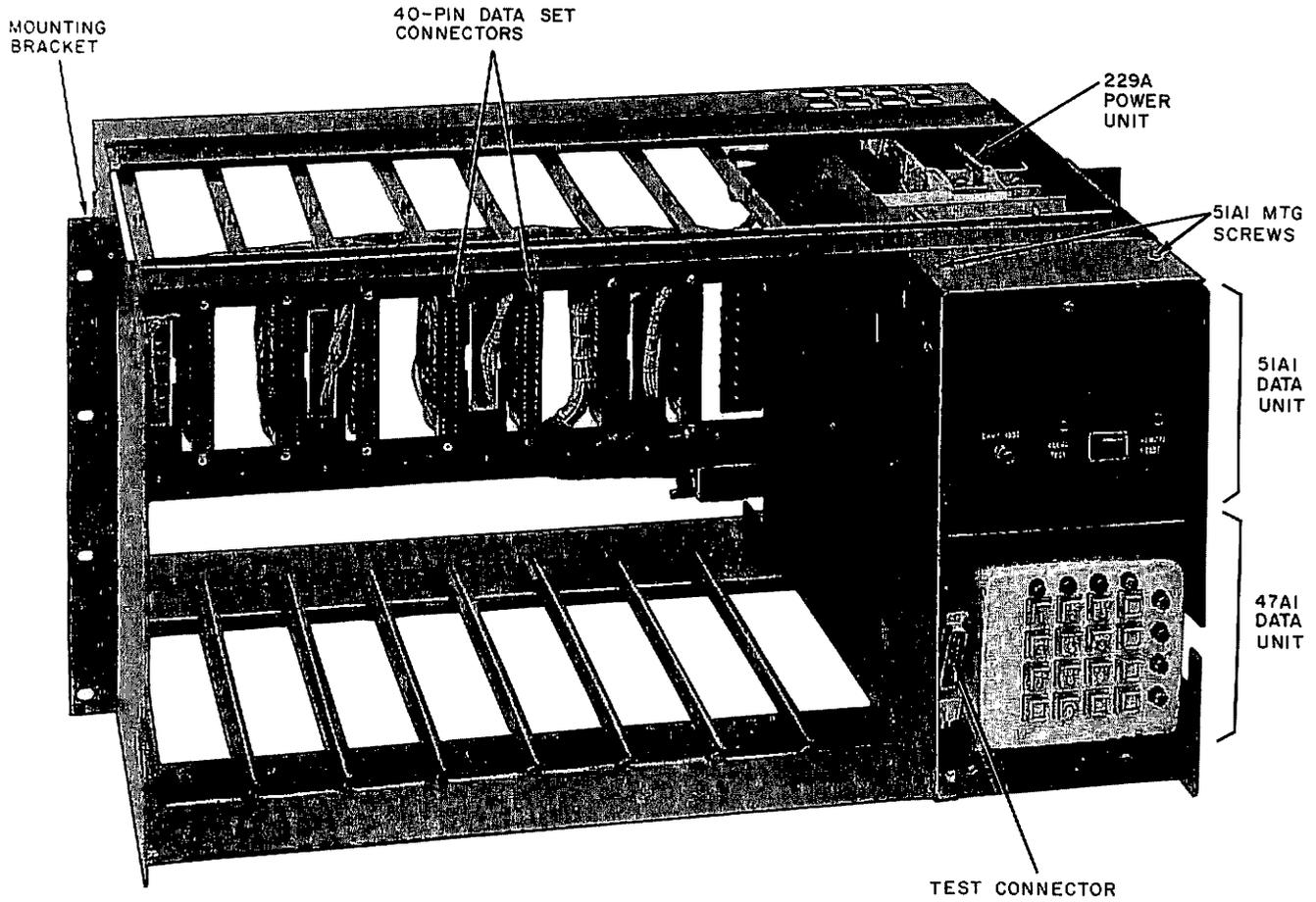


Fig. 1—57A1 Data Mounting With Front Cover Removed

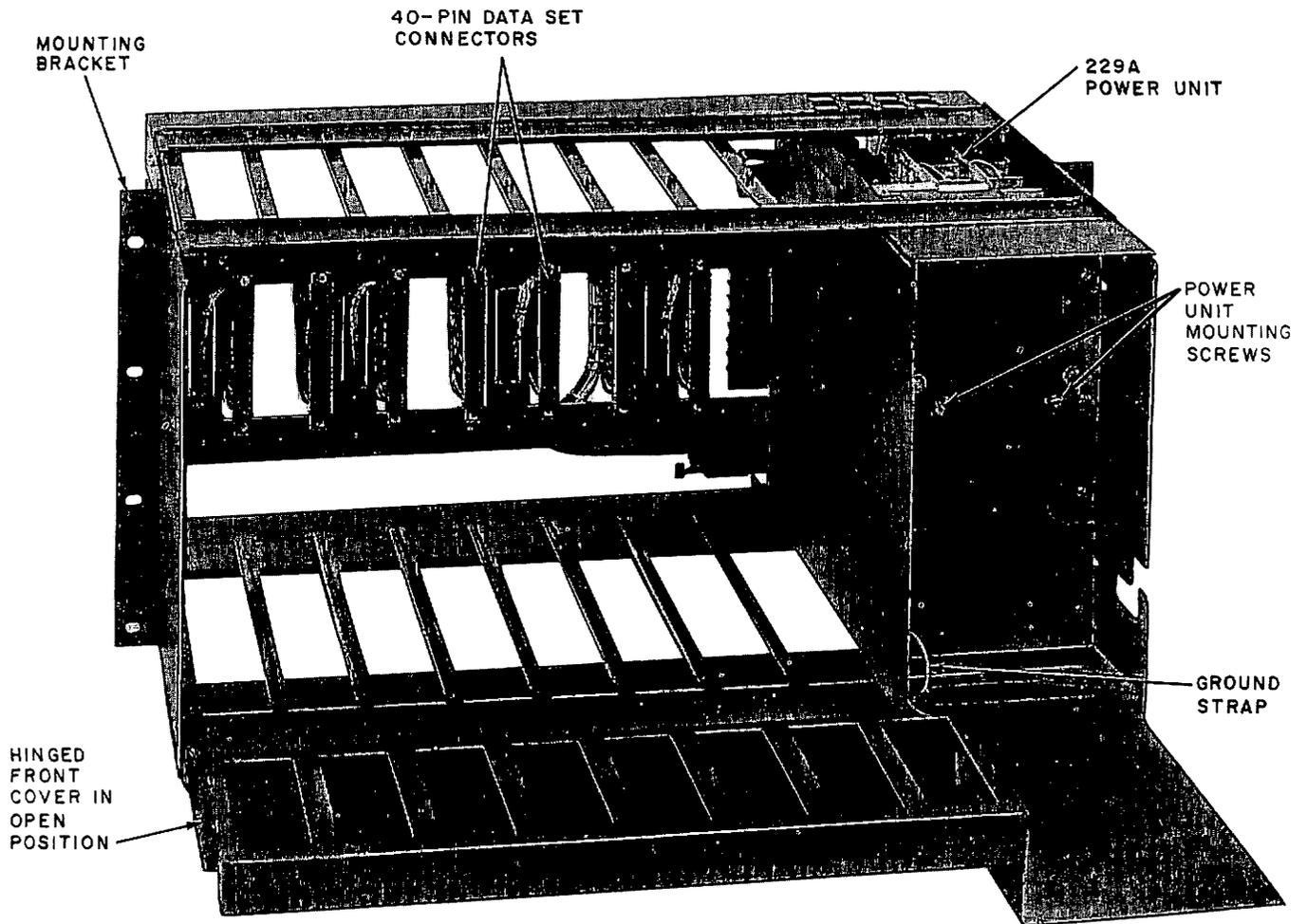


Fig. 2—57B1 Data Mounting With Front Cover Opened

4. REFERENCES

4.01 The following documents contain additional information on DS 407C and related equipment.

		594-800-102	407C Multiple Data Station—Description
		594-800-182	407C Multiple Data Station—Summarizing Specification
NUMBER	TITLE		
SD&CD-1D279-01	Data Systems Station—407C Data Station	594-800-202	407C Multiple Data Station—Installation and Connections
		594-800-302	407C Multiple Data Station—Maintenance
SECTION	TITLE		
590-100-133	47A1 Data Unit—Identification	594-800-501	407-Type Multiple Data Station Using 2B Automatic Call Distributor—Test Procedures
590-100-137	51A1 Data Unit—Identification		
594-030-101	Data Set 407C— Identification	594-800-502	407C Multiple Data Station—Test Procedures