

## 48A-TYPE DATA MOUNTING IDENTIFICATION

### 1. GENERAL

**1.01** This section contains a physical and functional description of the 48A-type data mounting (Fig. 1).

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

**1.03** The 48A-type data mounting is designed to accommodate both individual and multiple mounting of up to five 500A data service units (DSUs) or ten 550A channel service units (CSUs) in the same basic mounting.

### 2. PHYSICAL DESCRIPTION

**2.01** The 48A-type data mounting is 13.2 inches high, 23.3 inches wide, 11.3 inches deep,

weighs approximately 13 pounds, and is finished in matte black. It consists of two horizontally-mounted die castings secured to two vertical U-channel supports. A cover plate is attached to the front of the die castings and has five large rectangular cutouts to hold the rear plastic panels of the individual DSUs or the mounting plates of the CSUs (Fig. 1). Write-on type labels are positioned on the cover plate above each cutout for circuit and trouble numbers. Ten 4-position terminal strips are mounted on the upper and lower die castings at each of the five mounting positions to which the T, R, T1, and R1 leads of the CSU or DSU are connected. These terminal strips are connected via local cable to a 50-pin connector on the U-channel support. The adapted CSUs and DSUs slide into the data mounting in printed wiring board fashion. Notched metal strips on the die castings guide the units into the proper slots. The lower strip is

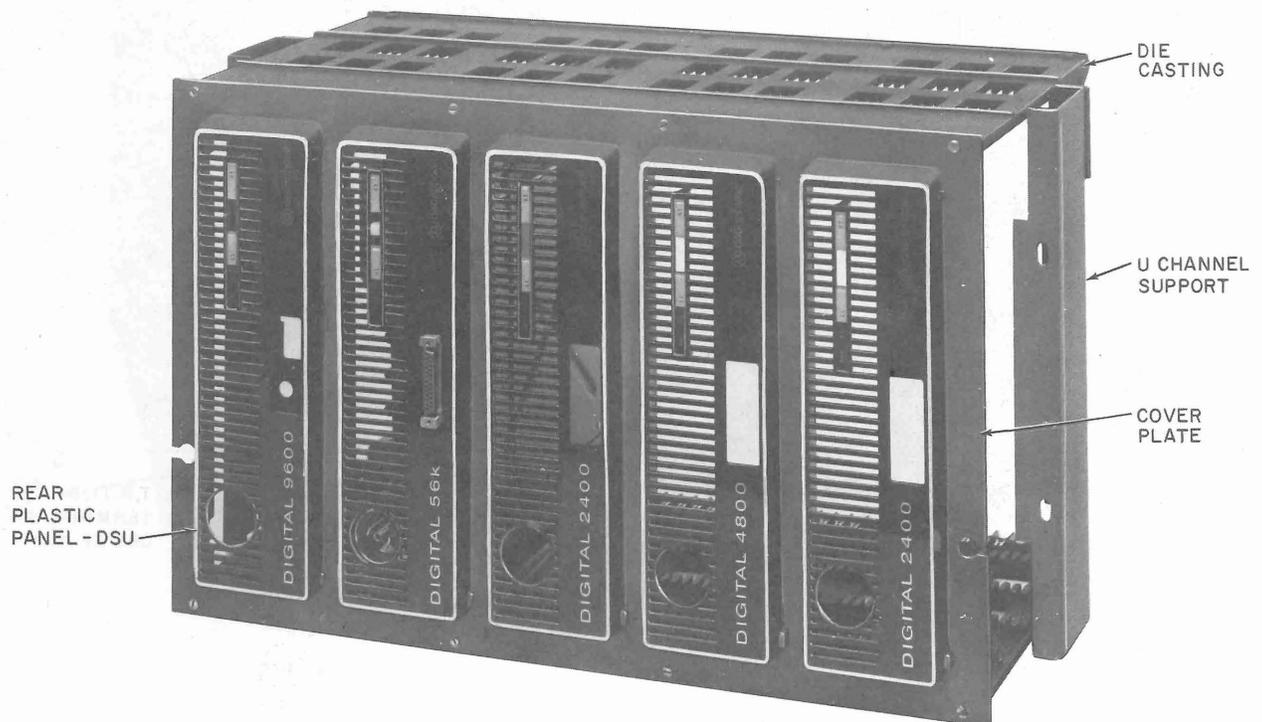


Fig. 1—48A-Type Data Mounting Showing Cover Plate with Five 500A Rear Panels

movable, and when secured in the leftmost position it locks the units in place (Fig. 2).

**2.02** The 48A-L1/2 data mounting may be used with cabinet KS-20018-L11A or KS-20018-L12A. Cabinet KS-20018-L11A will accommodate two 48A data mountings (Fig. 3) equipped with up to ten DSUs or twenty CSUs, while KS-20018-L12A will accept one data mounting equipped with up to five DSUs or ten CSUs. A combination of CSUs and DSUs may also be intermixed in the same data mounting. Each of the five mounting positions will accommodate two CSUs or one DSU.

**2.03** The 48A-type data mounting is designed to accommodate both individual and multiple mountings of up to five 500A-type DSUs (Fig. 1). By removing the plastic end panels and outer cover, the DSU is easily adapted for multiple mounting arrangement.

**2.04** The 48A-L1/3 data mounting is designed to accommodate up to ten 550A CSUs. Access to the two mounting holes in the CSU is gained by removing the black plastic cover. These mounting

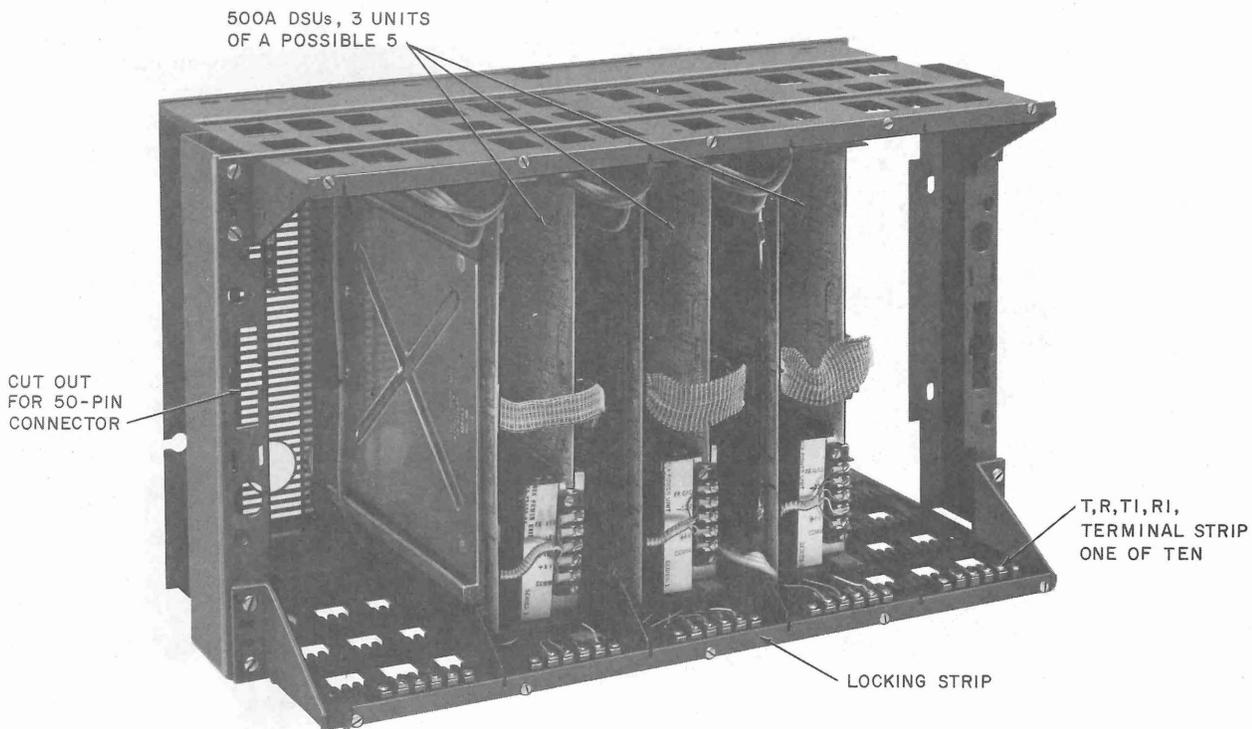
holes are used to mount the CSU to a mounting plate which, in turn, is installed in the data mounting.

**2.05** Both the 48A-L1/2 and -L1/3 data mountings utilize the same basic unit, the 48A-L1 (a non-orderable code). List 2 adds bearing plates for DSU mounting to the basic list 1, while list 3 adds CSU mounting plates to the basic list 1.

**3. REFERENCES**

**3.01** The following Bell System Practices (BSPs) are listed for reference.

SECTION	TITLE
595-100-100	Digital Data System 500A Type Data Service Unit—Description and Operation
595-200-100	Digital Data System 550A Type Channel Service Unit—Description and Operation



**Fig. 2—48A-Type Data Mounting—Rear View Showing Three 500A DSUs Installed**

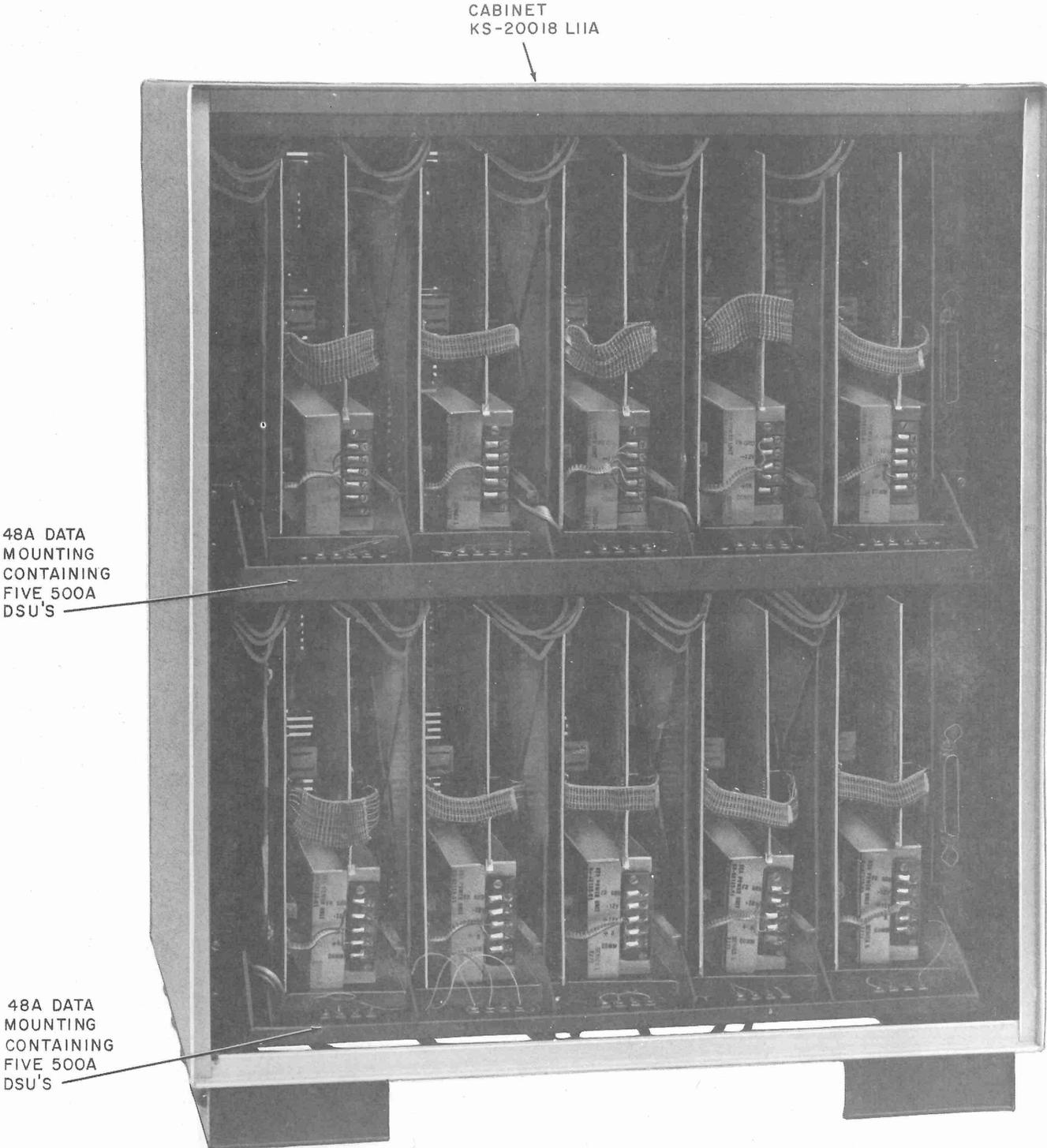


Fig. 3—Cabinet KS-20018-L11A—Rear View Showing Two 48A Data Mountings