

CONNECTING BLOCKS

66E3-25 AND 66E4-25

IDENTIFICATION AND INSTALLATION

1. GENERAL

1.01 This section provides identification, ordering, and installation information for the 66E3-25 and 66E4-25 connecting blocks.

1.02 This section is reissued to:

- Add new plug retainer bracket
- Revise Fig. 1, 2, 3 and 4.

1.03 Refer to the following sections for related information on connecting blocks:

- 461-600-101—Designation Strips and Methods of Marking
- 461-604-100—Connecting Blocks, 66-Type, Tools, Terminating, Adapters, and Maintenance
- 461-604-101—Connecting Blocks, 66-Type, Numbering, Wiring Plan, and Distribution Terminal Arrangements.

1.04 For information on the 152A adapter, which may be used in mounting 66E3-25 connecting block, refer to Section 461-200-103.

2. IDENTIFICATION

2.01 The 66E3-25 and 66E4-25 connecting blocks each consist of fifty 2-terminal connectors inserted in a molded plastic block and factory-wired to a 50-contact connector.

2.02 The 66E3-25 connecting block (Fig. 1) is equipped with a molded plastic housing incorporating a snap-on cover and a cable trough in the base. The block should be mounted on a firm flat surface. Provisions are also made for mounting the block to a standard wall outlet box or overfloor duct by using a 152A adapter.



DO NOT use the 152A adapter as a substitute for underfloor duct service fittings.

2.03 The 66E4-25 connecting block (Fig. 2) is equipped with a molded plastic base without cable trough or cover; it incorporates a mounting bracket which allows mounting in commercial type underfloor duct service fittings.

2.04 A new bracket design has been incorporated on the 66E3-25 and 66E4-25 connecting blocks for attaching both the low and high silhouette plug or connectors. The new bracket 841089964 (Fig. 1), which contains a diagonal slot, replaces the present P-21E608 bracket. The new slot provides improved retention of the connector and plug to eliminate accidental disengagement resulting from external movement of the cord or connector cable.

Ordering

2.05 The new bracket (841089964) may be ordered as a piecepart to replace the present bracket (P-21E608) on older connecting blocks presently in use. All new 66E3-25 and 66E4-25 connecting blocks come equipped with the new retainer bracket.

3. INSTALLATION

3.01 For mounting instructions, refer to sections covering installation of cable terminal boxes for inside wiring.

3.02 Install the 152A adapter on electrical outlet box or overfloor duct and mount the 66E3-25 connecting block to the adapter, using the mounting hardware provided (Fig. 3). Terminate the cable conductors and install the snap-on cover.

3.03 The 66E4-25 connecting block is designed for use with existing commercial underfloor or overfloor duct service fittings. Figure 4 shows its use with a commercial service fitting. If tapped

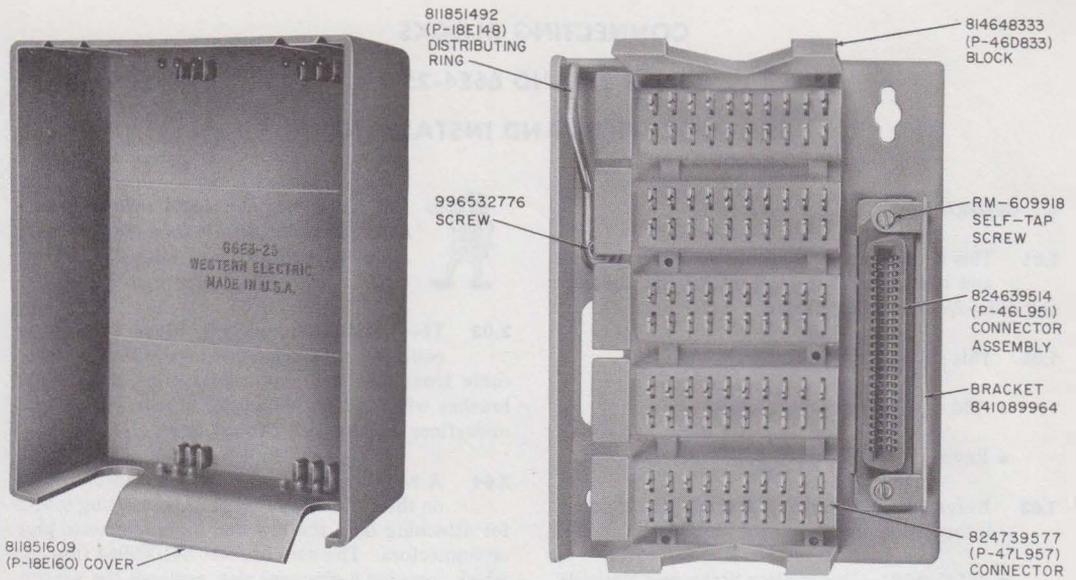


Fig. 1—66E3-25 Connecting Block

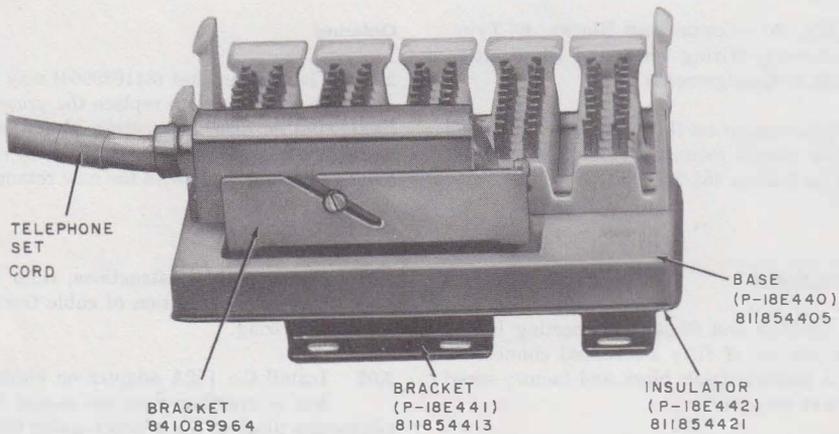


Fig. 2—66E4-25 Connecting Block

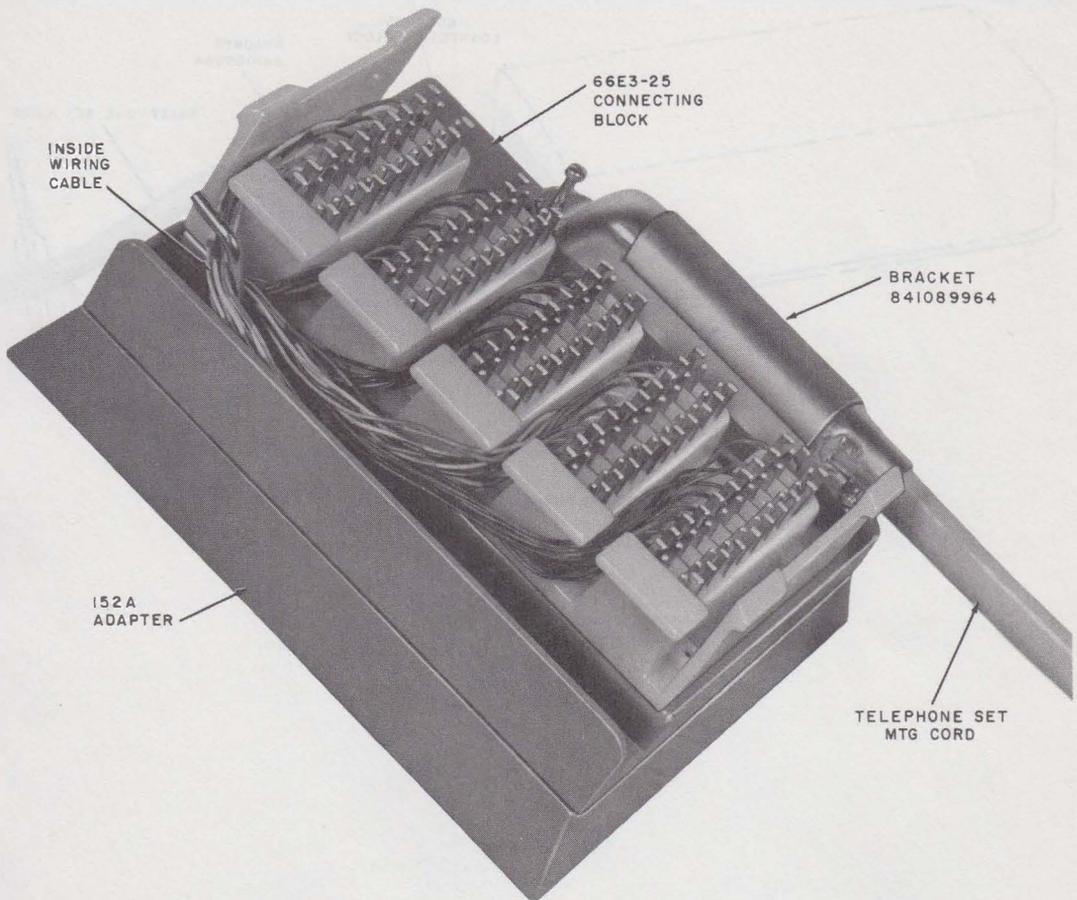


Fig. 3—66E3-25 Connecting Block Installed on 152A Mounting Adapter

holes in the fitting do not line up with holes in the connecting block mounting bracket, drill holes in the fitting to accept No. 8 self-tapping screws.

3.04 Elongated mounting holes are provided in the 66E3-25 and 66E4-25 connecting blocks so that slight adjustment of position is possible during installation.

3.05 Field replacement of the old retainer bracket (P-21E608) with the new retainer bracket (841089964) can be accomplished by removing two easily accessible RM-609918 button-head self-tapping screws (Fig. 1), removing the old bracket, installing the new bracket, and replacing the two screws. Attach retainer to bracket with 824634729 (P-461A72) RD washer head screw.

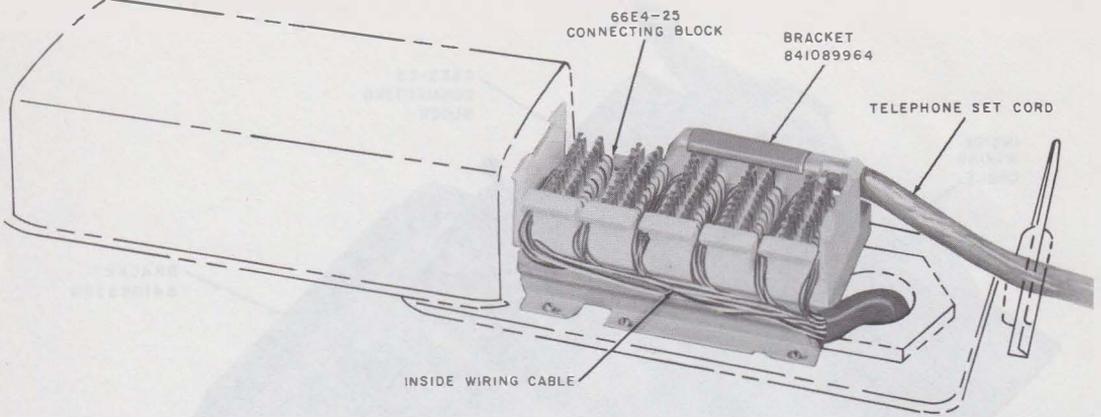


Fig. 4—66E4-25 Connecting Block Installed in Commercial Fitting