

## 71-, 74-, AND 75-TYPE CONNECTING BLOCKS IDENTIFICATION, INSTALLATION, AND WIRING

### 1. GENERAL

**1.01** This section describes the identification, installation, and wiring of the 71-, 74-, and 75-type connecting blocks.

**1.02** This section is reissued to show the 74D connecting block manufacture discontinued (MD). Revision arrows are used to emphasize the more significant changes.

### 2. IDENTIFICATION

#### 71-TYPE CONNECTING BLOCK

**2.01** The 71A connecting block has been rated MD.

**2.02** The 71B connecting block (Fig. 1) is similar to the 71A connecting block (MD) except it has mounting screw slots instead of holes. The connecting blocks consist of a phenol fabric base equipped with 12 double-screw terminals. The blocks are used for mounting in 113-type and 114A apparatus boxes for installation of panel telephone sets (Table A).

**2.03** When converting panel sets from rotary to TOUCH-TONE® dialing, if equipped with 71A connecting block (MD), replace with a 71B connecting block to prevent mechanical interference.

#### 74-TYPE CONNECTING BLOCK (Fig. 2, 3, and 4)

**2.04** The 74A and 74B connecting blocks consist of a terminal strip, cold-cathode tube, and plastic cover (Table A). This block is used when extreme noise conditions exist on 4-party full selective or 8-party semiselective service, and a cold-cathode tube cannot be mounted inside the telephone set.

**2.05** The 74C connecting block is similar to the 74A and 74B connecting blocks except that no electron tube is provided. It provides mounting for items which mount the same way as electron tubes, such as a 10A extender (Fig. 4), or other items which mount

by their leads. A terminal strip is provided to permit interconnection between the connecting block, the inside wiring, and the set mounting cord of the associated telephone set. The 74C connecting block is used with telephone sets which lack physical space for internal mounting of such components.

**2.06** The 74D connecting block (MD) (Fig. 5) consists of a terminal strip, 652A6 jack, and plastic cover. The block is intended for use with modular telephone sets requiring a 6-conductor modular jack (sets equipped with a D6AM or D6AP cord). The modular jack fits in the cutout on the cover and is held in place on the lip of the base pan when the cover is installed. ♦The 74D connecting block (MD) is replaced by the 625S6 connecting block which is described in Section 461-610-100.♦

#### 75A CONNECTING BLOCK (Fig. 6)

**2.07** The 75A connecting block consists of a plastic base equipped with 50 double-screw terminals. It is designed for mounting in 113-type and 114A apparatus boxes for installation of panel telephone sets (Table A).

### 3. INSTALLATION AND WIRING

**3.01** The 74-type connecting block may be mounted on all types of surfaces. Backboards should be used only when mounting on damp walls and when use of a backboard will facilitate installation. Provision is made in the base of the connecting block for entrance of inside wiring and cords with winged stays (Fig. 2). Cords with loop stay hooks are fastened under the cover screw or on terminal strip (Fig. 3). Terminate conductors of inside wire and cord in accordance with connection section for the telephone set.

**3.02** The 71-type and 75A connecting blocks should be installed, wired, and terminated in accordance with the section covering each particular set.

### NOTICE

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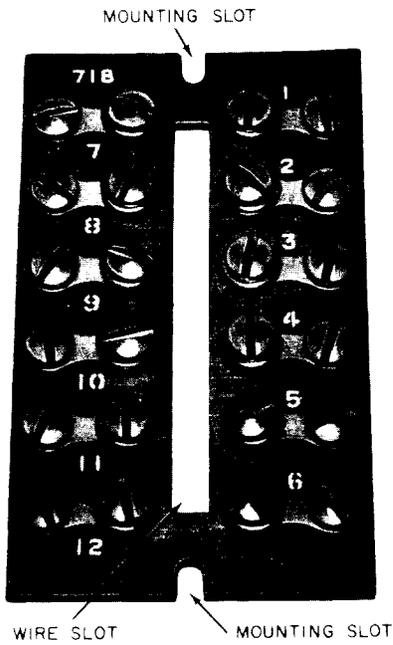


Fig. 1—71B Connecting Block

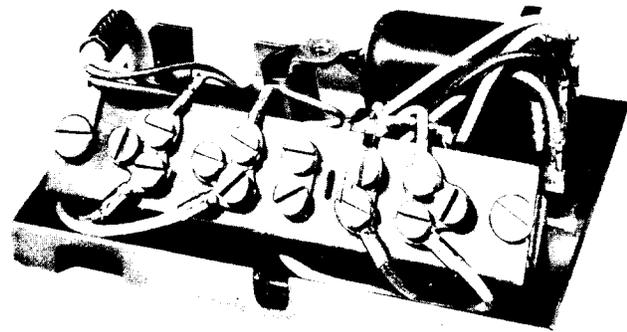


Fig. 3—74-Type Connecting Block With New Cord Stay Arrangement and Screw-Mounted Terminal Strip

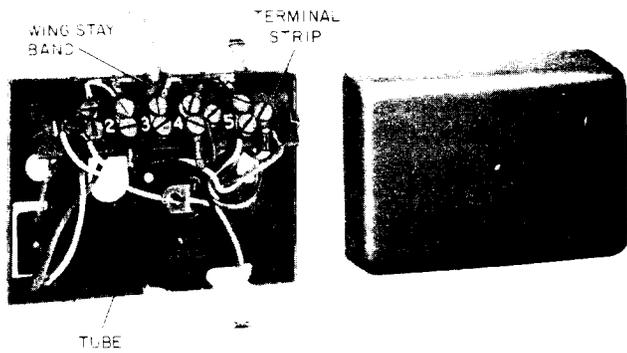


Fig. 2—74-Type Connecting Block With Wing Stay Band

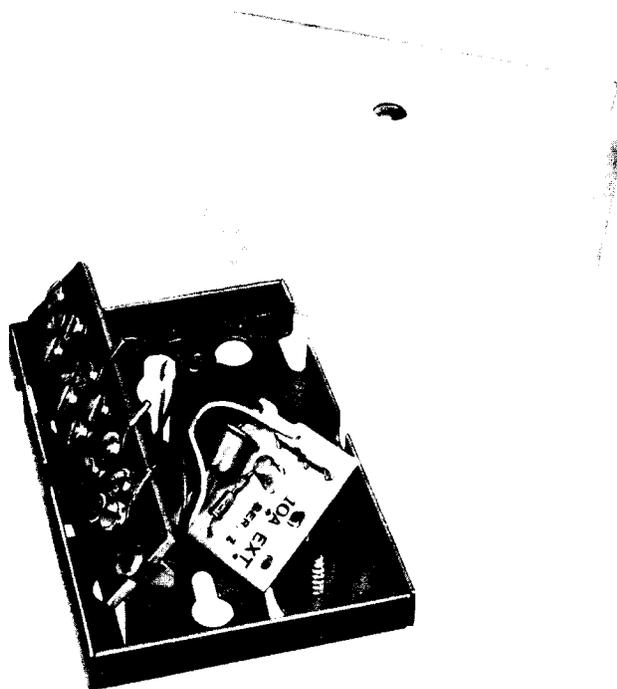


Fig. 4—10A Extender Mounted in 74C Connecting Block

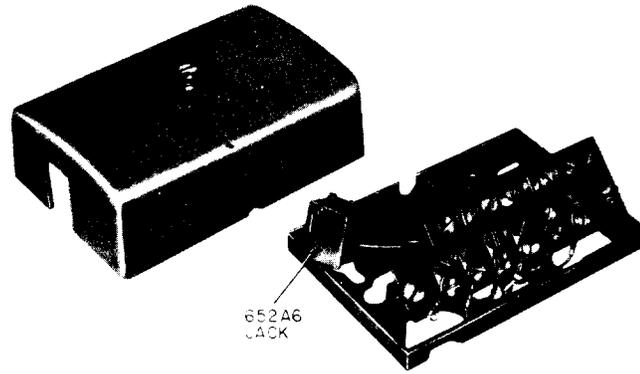


Fig. 5—74D Connecting Block (MD)

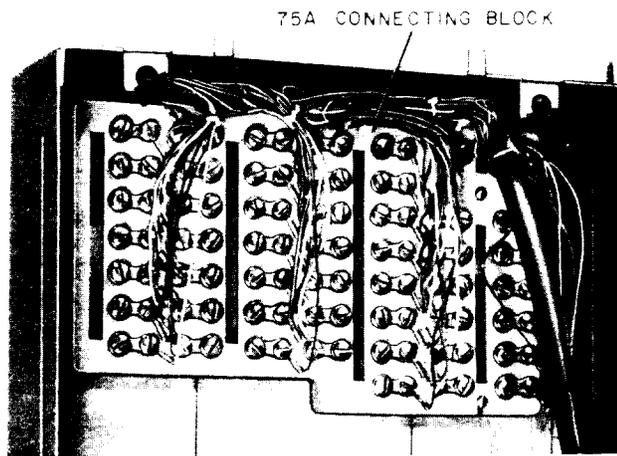


Fig. 6—75A Connecting Block Installed in Apparatus Block

TABLE A

IDENTIFICATION  
CONNECTING BLOCKS  
71-, 74-, AND 75-TYPE

BLOCK, CONNECTING	FURNISHED WITH	COVER COLOR	TYPE MOUNTING	NO. OF PAIR	DIMENSIONS (APPROX. INCHES)		
					LENGTH	WIDTH	DEPTH
71A (MD)	Mounting Screws		113-Type and 114A Apparatus Box*	6	3-9/16	2	3/8
71B					3-15/32		
75A				25	7-3/8	4-1/2	1/2
74A	Cover 425A Tube	Light Olive Gray (-49) and Ivory (-50)	Nonflush	2-1/2	4-1/16	2-3/4	1-5/8
74B	Cover 426A Tube						
74C	Cover						
74D (MD)	Cover			3			

\* Apparatus box not furnished with connecting block. Order separately if required.