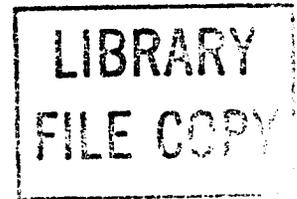


**MODULAR CONVERSION ARRANGEMENTS  
IDENTIFICATION AND INSTALLATION  
CUSTOMER PARTICIPATION PRODUCTS**



**1. GENERAL**

**1.01** This section provides information on the 1A converter, the 725C, 725F, 725T, and the 630B connecting blocks for modular conversion arrangements.

**1.02** This section is reissued to show the changes in design of the 725C and 725F connecting blocks in Fig. 2 and 3. Revision arrows are used to emphasize the more significant changes.

**2. IDENTIFICATION**

**2.01** The 1A converter (Fig. 1) is used to convert 4-pin jacks such as the 404B manufacture discontinued (MD), 493A (MD), 497A (MD), 548A, and 549A jacks to the modular system. The 1A converter is designed to be nonremovable once it is installed in a 4-pin jack.

**2.02** The 725C connecting block (Fig. 2) is a surface-mounted, modular connecting block, the same as the 625C connecting block except its leads have push-on connectors. It is used to convert the 42A connecting block to the modular system.

**2.03** The 725F connecting block (Fig. 3) is a flush-mounted, modular connecting block similar to the 625F connecting block except it has push-on connectors instead of screw terminals. The 725F connecting block is used to convert the 47F connecting block to the modular system.

**2.04** The 725T connecting block (Fig. 4) is a surface-mounted, swinger cover-type, modular connecting block similar to the 625T connecting block except that it has push-on connectors. The 725T connecting block is used to convert the 42A connecting block to the modular system where a protective (swinger) door over the modular jack is desired.

**2.05** The 630B connecting block (Fig. 5) is a mounting arrangement for a modular wall tele-

phone, the same as the 630A connecting block with quick-connect adapters added for ease of installation without lead insertion tools. The 630B connecting block is used to modularize a location where a hard-wired wall set had been previously installed or where a new wall telephone is desired.

**3. INSTALLATION**

**3.01** To protect against contamination, modular jacks are to be installed as follows:

**Warning:** *Never mount with jack opening facing up (surface-type) or spring contacts at the bottom of opening (flush- and swinger-type).*

(a) **Surface-Type:** Should be mounted with jack opening to bottom (Fig. 2). Where 42A block is mounted on a narrow baseboard, opening may have to be to left or right. Where practical and permissible, mount connecting block approximately 12 inches above floor (about electrical outlet height) for easier jack-plug orientation and less possibility of trouble due to contamination.

(b) **Flush-Type:** The jack opening shall be oriented with the spring contacts at the top and the tab down (Fig. 3).

(c) **Swinger Cover-Type:** Mount with the pivot of the swinger cover to the right as you face it so the swinger must be raised to insert the plug (Fig. 4).

**3.02** Install **725C Connecting Block** as follows:

(1) Remove cover from existing 42A connecting block.

(2) Remove mounting cord (if applicable) by cutting the cord leads at the spade tips (snip and take).

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## SECTION 461-400-120

- (3) Push color-coded connectors of modular connecting block onto associated screw terminals of 42A connecting block.
- (4) Orient 725C connecting block as described in paragraph 3.01 and fasten with center captive mounting screw.

### 3.03 Install **725F Connecting Block** as follows:

- (1) Remove connecting block cover from wall outlet.
- (2) Remove 47F connecting block mounting screws and gently pull block away from the metal mounting ring.
- (3) Remove mounting cord by cutting the cord leads at the spade tips (snip and take).
- (4) Push color-coded connectors of 725F connecting block onto associated screws of 47F connecting block.
- (5) Gently push the 47F connecting block through the mounting into the wall or outlet box and mount the 725F connecting block on the mounting ring making sure the connecting block is oriented as described in paragraph 3.01.
- (6) Place the connecting block coverplate and fasten.

### 3.04 Install **725T Connecting Block** as follows:

- (1) Remove cover from existing 42A connecting block.
- (2) Remove mounting cord by cutting the cord leads at the spade tips (snip and take).
- (3) Push color-coded connectors of 725T connecting block onto associated screws of 42A connecting block.
- (4) Orient 725T connecting block as described in paragraph 3.01 and fasten with center captive screw.

### 3.05 The **630B Connecting Block** may be used with exposed or concealed station wire as follows:

- (1) Do not strip insulation from individual conductors.

- (2) Place color-coded station wire leads into slots of adapters to coincide with colors of jack wiring on quick-connect field of connecting block (see Fig. 5).
- (3) Align plastic clip and station wire with slots in quick-connect field and press firmly until wires are seated. A screwdriver may be used to pry the clip in place.
- (4) Trim the terminated leads approximately 1/4 inch from plastic clip surface and bend downward so the excess lies flat against adapter.
- (5) Fold protective plastic wrapper over quick-connect field.
- (6) Attach mounting plate cover using two 3/16-inch cover mounting screws.
- (7) Remove protective mylar cover from stainless steel coverplate.

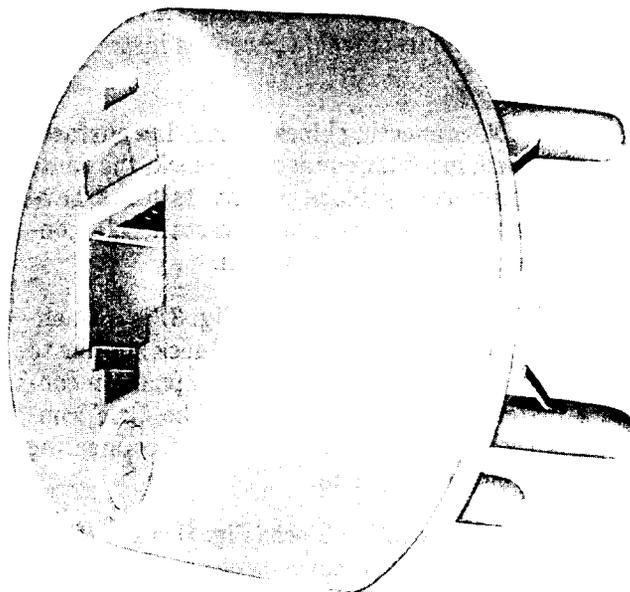
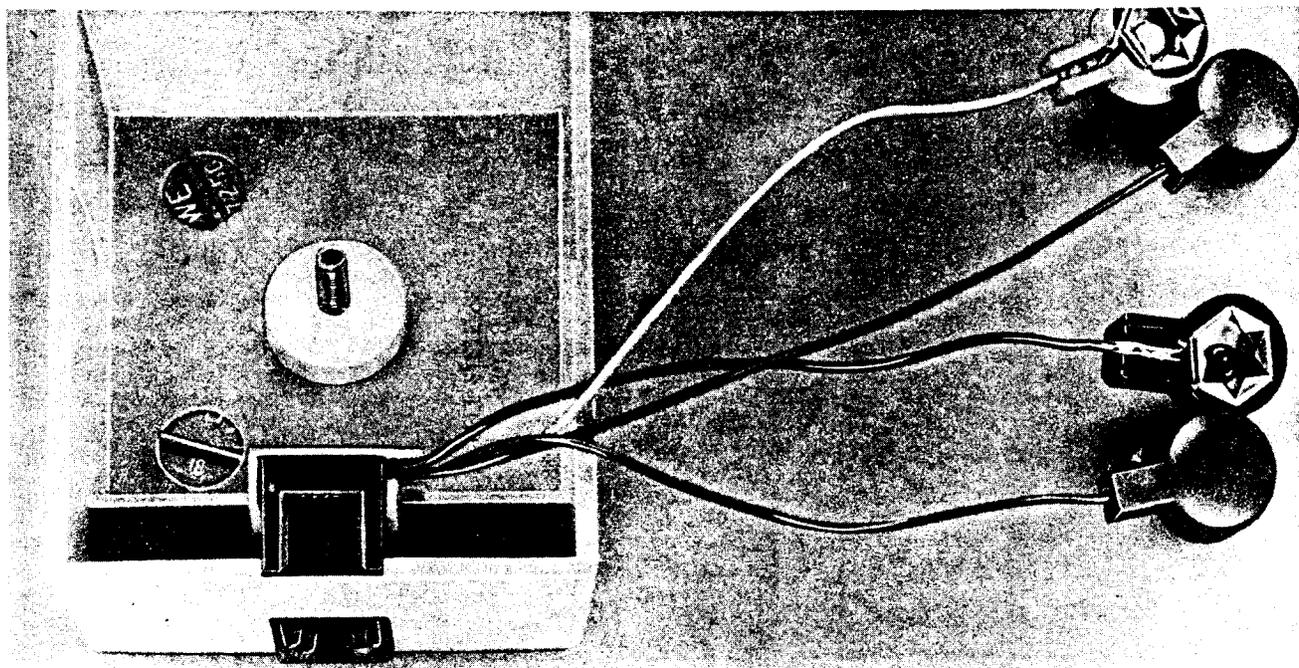
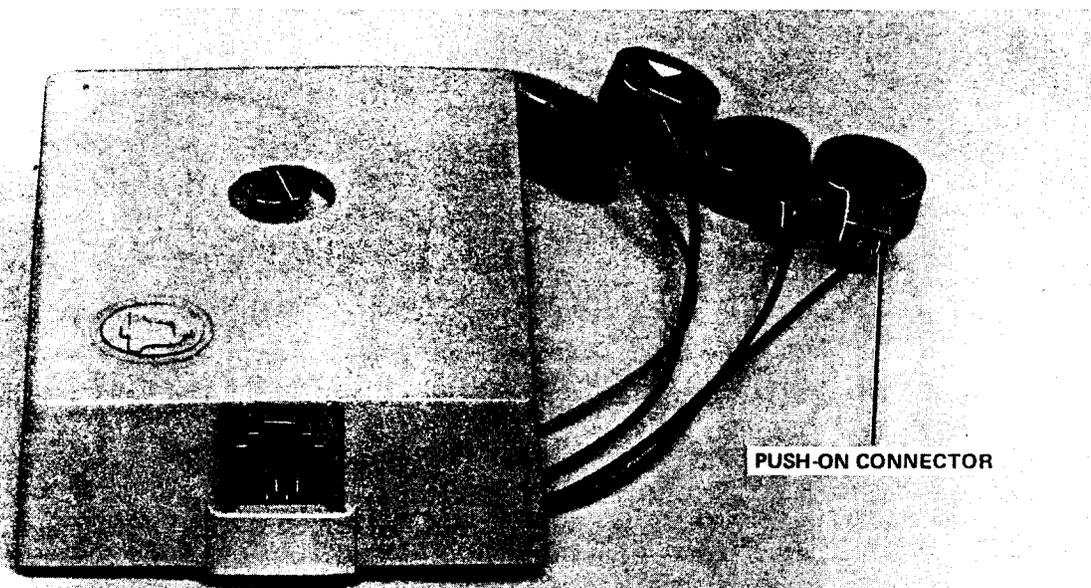


Fig. 1—1A Converter

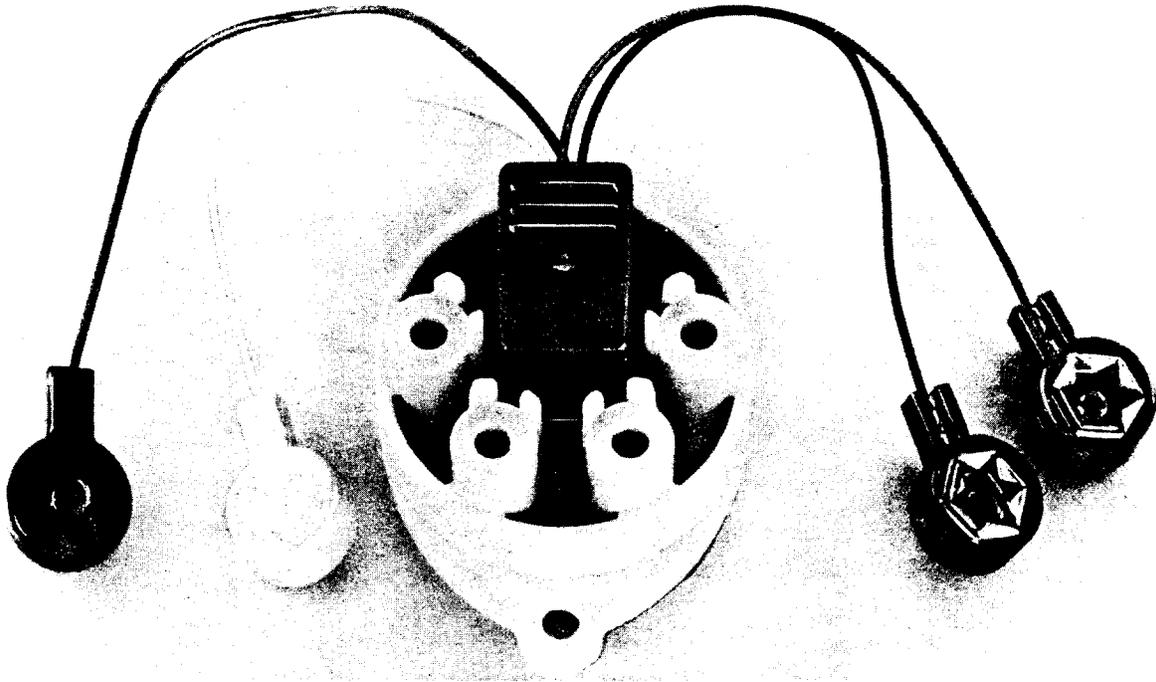


REAR VIEW

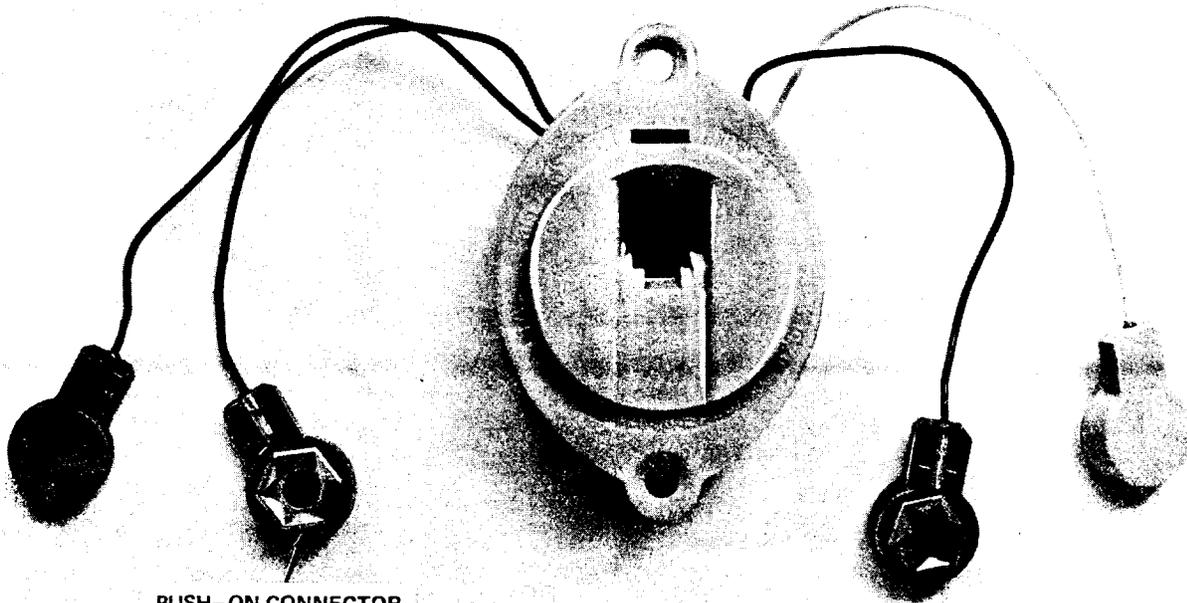


FRONT VIEW

Fig. 2—725C Connecting Block



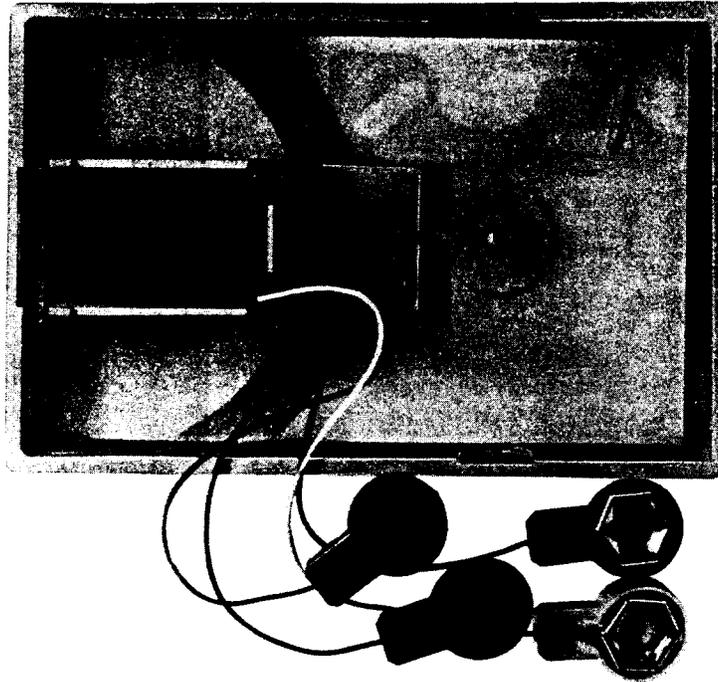
REAR VIEW



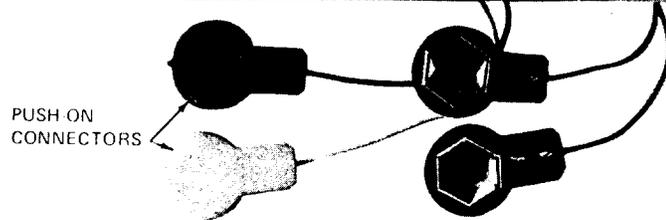
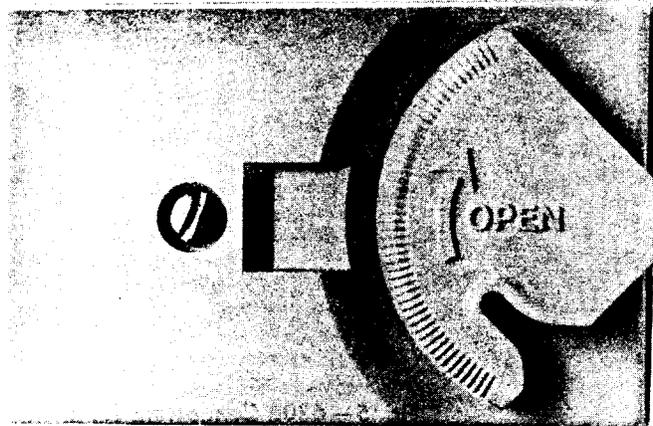
PUSH-ON CONNECTOR

FRONT VIEW

Fig. 3—725F Connecting Block



REAR VIEW



FRONT VIEW

Fig. 4—725T Connecting Block

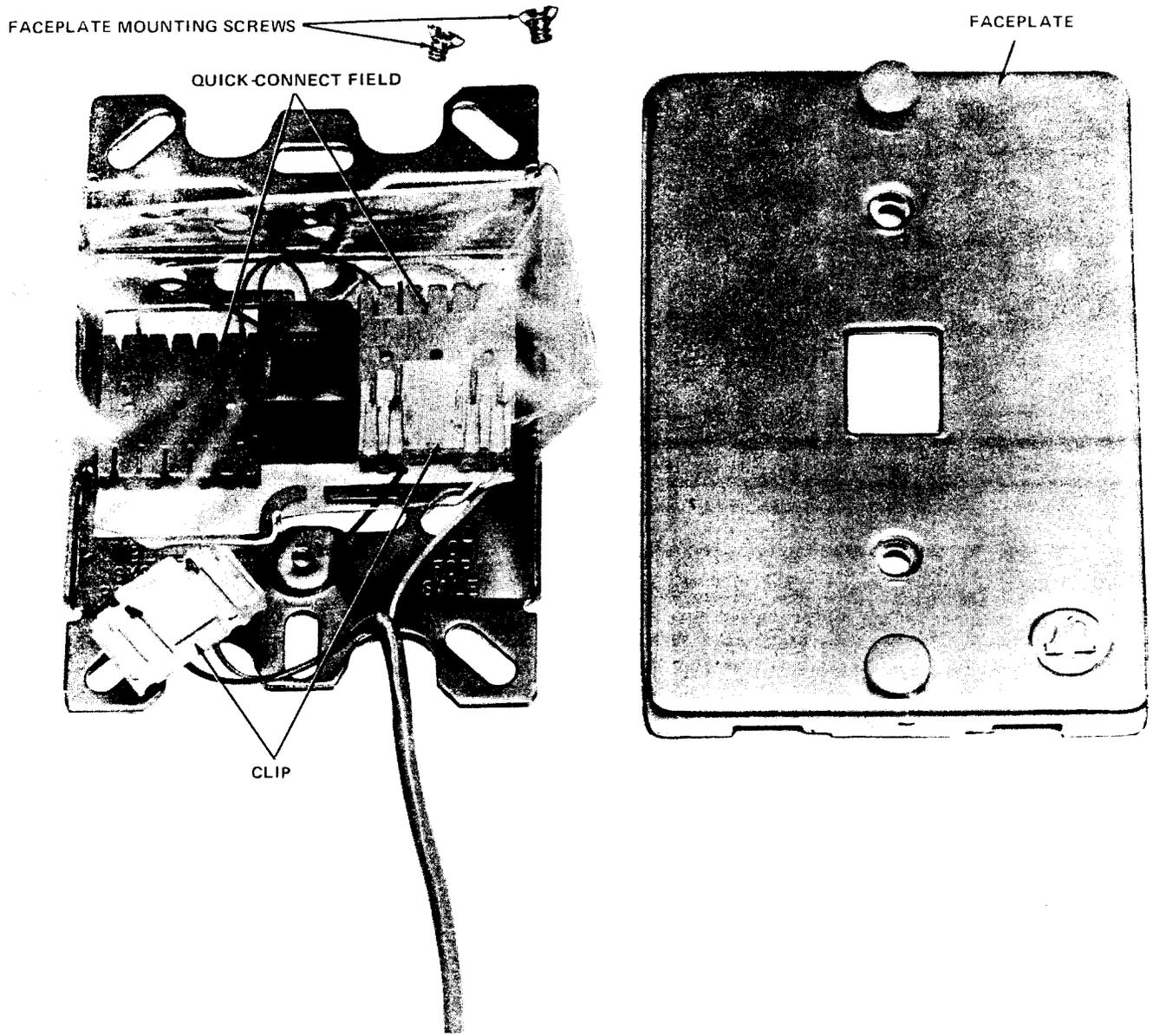


Fig. 5—630B Connecting Block