

630B CONNECTING BLOCK
IDENTIFICATION, INSTALLATION, AND MAINTENANCE
CUSTOMER PARTICIPATION PRODUCTS



1. GENERAL

1.01 This section provides information on the 630B connecting block which is used for modular conversion of previously hard wired wall set locations or to provide a modular jack for new wall set service.

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

2. IDENTIFICATION

2.01 The 630B and the 630B-S connecting blocks (Fig. 1) are made for use with a modular wall telephone set. They are physically the same as the 630A connecting block with the addition of two quick-connect adapters which provide for easy installation of wires without lead insertion tools.

2.02 The 630B-S connecting block, intended for use by the customer only, comes packaged in a blister pack with the two adapters and a fastener package which includes:

- (a) Two 3/16-inch faceplate mounting screws
- (b) Two 5/16-inch faceplate mounting screws
- (c) Two 1-1/4 inch oval-head machine screws
- (d) Two 1-inch pan-head wood screws.

Included in the blister pack are complete instructions to enable the customer to complete the placement of the connecting block with the use of a screwdriver and cutting pliers.

2.03 The 630B connecting block, for use by telephone craftspersons, comes packaged in a polyvinyl bag with the two adapters and the faceplate mounting screws.

3. INSTALLATION

3.01 The 630B connecting block may be used with exposed or concealed station wire. Each quick-connect terminal (total of four) provides for three station wire and one jack lead termination. An access for a test point is also provided (Fig. 2).

3.02 The connecting block base should be mounted with the appropriate fasteners using the mounting holes shown in Fig. 2.

3.03 Fold back the plastic protective wrapper and make the connections as shown in Table A and as follows:

- (1) Leave station conductors unstripped.
- (2) Dress the conductors so they will not be pinched or cross over each other.
- (3) Holding quick-connect adapter with slots up and high side of adapter toward you, set conductors in proper slots as determined from Table A with conductor ends facing toward you, extending approximately 1/4-inch out of adapter.
- (4) Align slots in adapter with appropriate slots in bottom of quick-connect field and press up firmly until seated. Use screwdriver with blade tip placed in slot in bottom of adapter to seat adapter firmly in place.
- (5) Bend ends of conductor down into slots in adapter and fold plastic protective wrapper back over quick-connect field.
- (6) Attach mounting faceplate using two 3/16- or 5/16-inch mounting screws.
- (7) Check for continuity on each lead.
- (8) Remove the protective mylar cover from the stainless steel mounting faceplate.

NOTICE

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

4. MAINTENANCE

4.01 Maintenance on the 630B connecting block is restricted to resetting of wires in quick-connect field and tightening or replacement of fasteners.

4.02 If there is any mechanical problem in the jack or quick-connect field, the connecting block should be replaced.

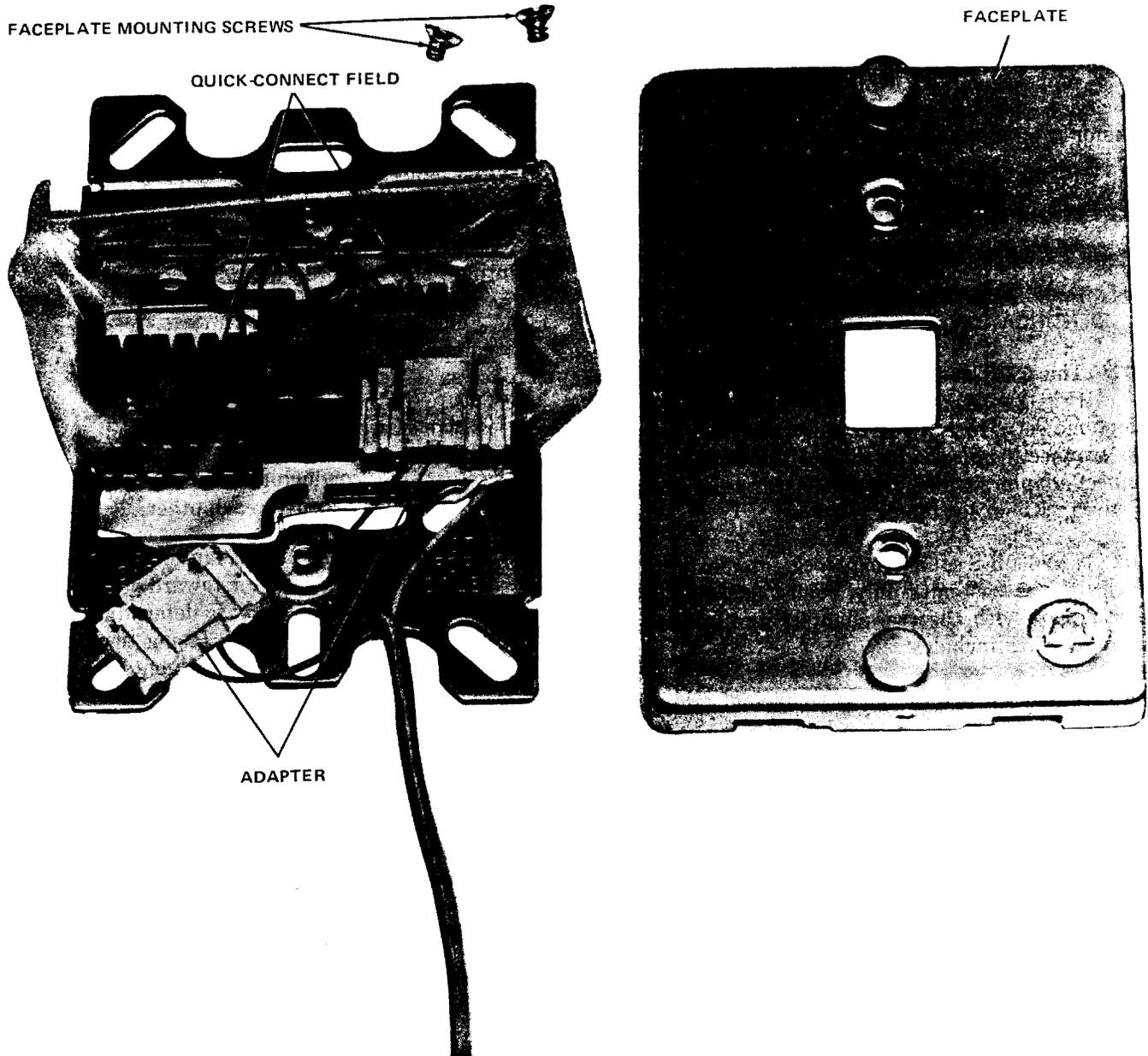


Fig. 1—630B Connecting Block

MOUNTING HOLE ASSIGNMENT:

- (1) 63-TYPE BRACKET
- (2) GEM BOX AND NORMAL WALL SURFACE
- (3) OR (4) WEAK WALLS, OVERSIZE WIRING HOLE, LOCAL DAMAGE, ETC
- (5) IO34A MOUNTING PLATE

NOTE:

IF MORE THAN TWO FASTENERS ARE NECESSARY, USE ADDITIONAL MOUNTING HOLES AS REQUIRED

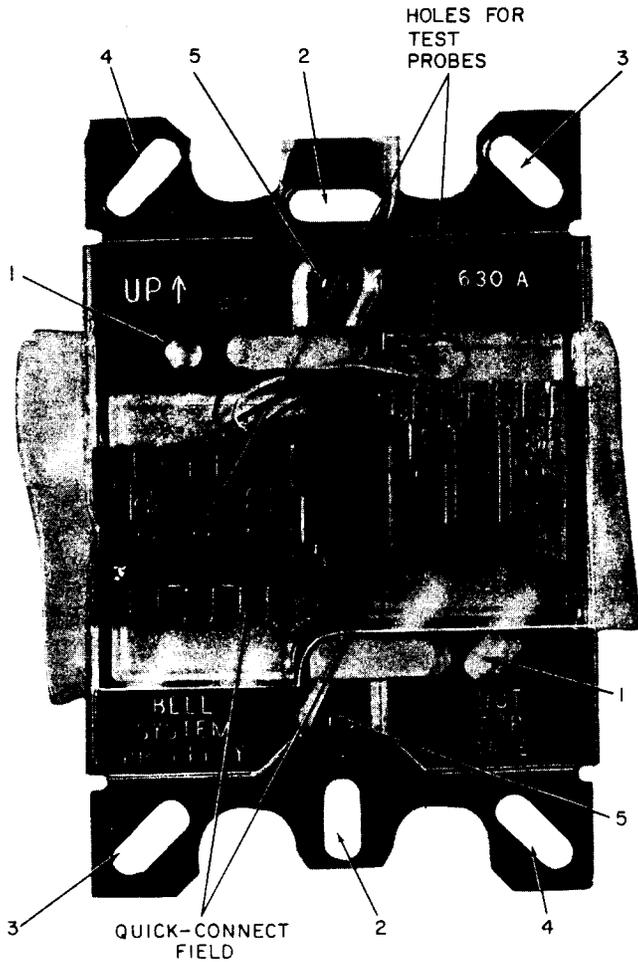


Fig. 2—630-Type Connecting Block Base

TABLE A

CONNECTIONS FOR 630B CONNECTING BLOCK

INSIDE WIRE				CONNECTING BLOCK	
1A1 OR 1A2 KTS	ONE-LINE SERVICE		TWO-LINE SERVICE	TERMINAL	LEAD COLOR
	NO DIAL LIGHT	DIAL LIGHT			
Tip	Tip	Tip	Line 1 Tip	1	Green
Ring	Ring	Ring	Line 1 Ring	2	Red
A		TRNSF	Line 2 Tip	4	Black
A1		TRNSF	Line 2 Ring	3	Yellow