

STATION DIALS

23 TYPE

1. GENERAL

1.01 This section contains identification, maintenance, and connection information for the 23-type dial.

1.02 Pictures shown are shop models and production models may vary slightly.

1.03 This dial is associated with the 608-type PBX and may be used for dc key pulsing into a 701 PBX, or MF key pulsing into a No. 5 crossbar office.

2. IDENTIFICATION

2.01 The 23-type dial is a pushbutton dialing unit having a rectangular metal faceplate with twelve white plastic buttons located on the left side. Ten of the buttons have black numeral and letter combinations the same as the conventional dial. One of the remaining two buttons is

inscribed with START and the other with END in black characters.

2.02 A 2Y, 48-volt switchboard lamp with a plastic window designated START is located to the right of the dialing pushbuttons.

2.03 A 3-position 498AS key labeled TRFR (transfer) is located directly below the START lamp. The 23B dial has an OFF-ON position while the 23A and C dials have an OFF, L (left) and R (right) position.

2.04 A 615A key is mounted vertically at the extreme right of dialing pushbuttons. The two buttons on this key are designated as follows:

- PAGE and PEG on 23A dial (Fig. 1).
- CAMP-ON and RLS-FWD on 23B dial (Fig. 2).
- PAGE and RLS-FWD on 23C dial (Fig. 3).

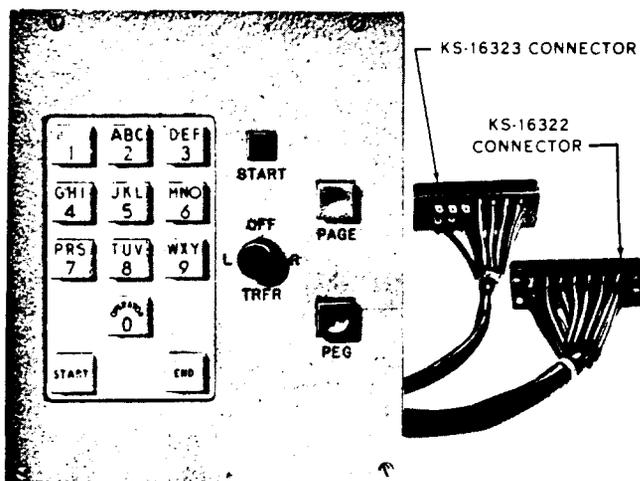


Fig. 1 - 23A Dial, Front View

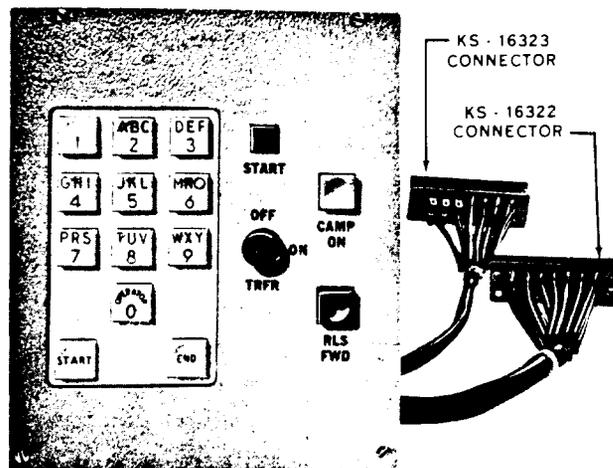


Fig. 2 - 23B Dial, Front View

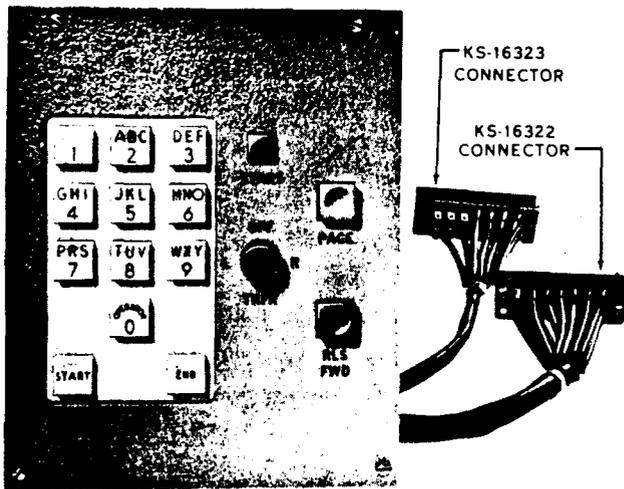


Fig. 3 - 23C Dial, Front View

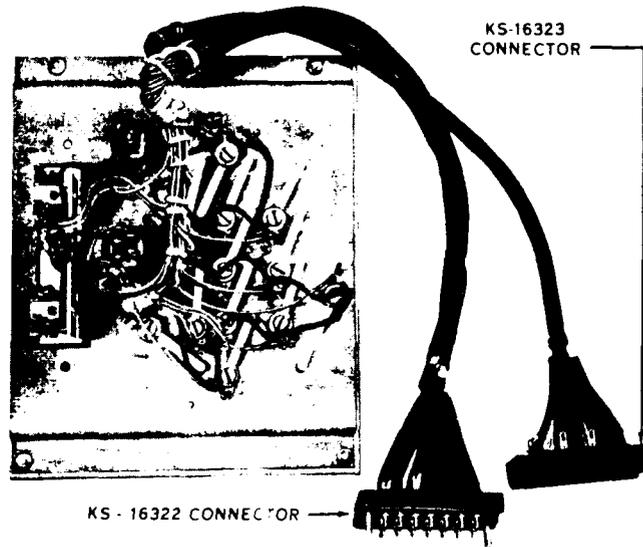


Fig. 4 - 23-Type Dial, Rear View

2.05 Functions of key and buttons on the 23-type dials are as follows:

- (a) TRFR Key—To originate or answer calls in the multiplied left or right position of the PBX if that position is unattended.
- (b) PAGE Button—To connect operator's telephone circuit to a paging system.
- (c) PEG Button—To be used as peg count for traffic studies, etc.
- (d) RLS-FWD Button—To release all equipment ahead of the trunk circuit, such as a busy station or a transfer from one station to another.
- (e) CAMP-ON Button—To camp-on a busy line. When CAMP-ON button is depressed, busy tone is removed. Release of CAMP-ON button causes the cord lamp in the 608-type PBX to flash at 60 ipm. When station becomes idle, cord lamp will flash at 30 ipm.

2.06 The leads from the 23-type dial are terminated in a KS-16322 and a KS-16323 connector (Fig. 4) for connection to the 608-type PBX.

3. MAINTENANCE

3.01 Maintenance of the 23-type dial is limited to replacement of loose or broken wires and burnishing contacts with the 265C tool. If trouble still exists, replace dial.

Contact spring tolerances are critical and no adjustment should be attempted in the field.

4. CONNECTIONS

4.01 For wiring schematics of 23-type dials, see:

- Fig. 5 — 23A Dial
- Fig. 6 — 23B Dial
- Fig. 7 — 23C Dial.

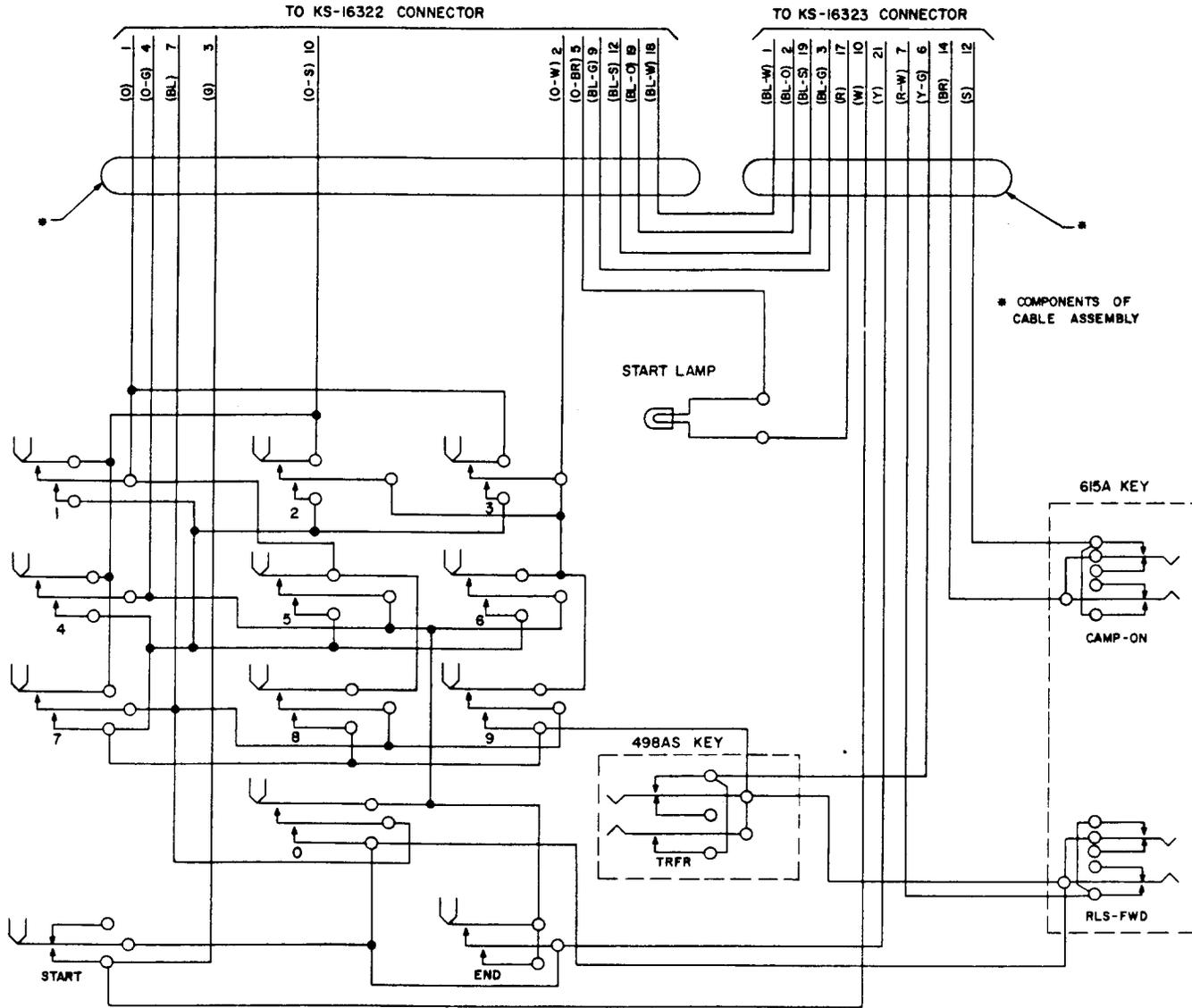


Fig. 6 - 23B Dial, Wiring Schematic

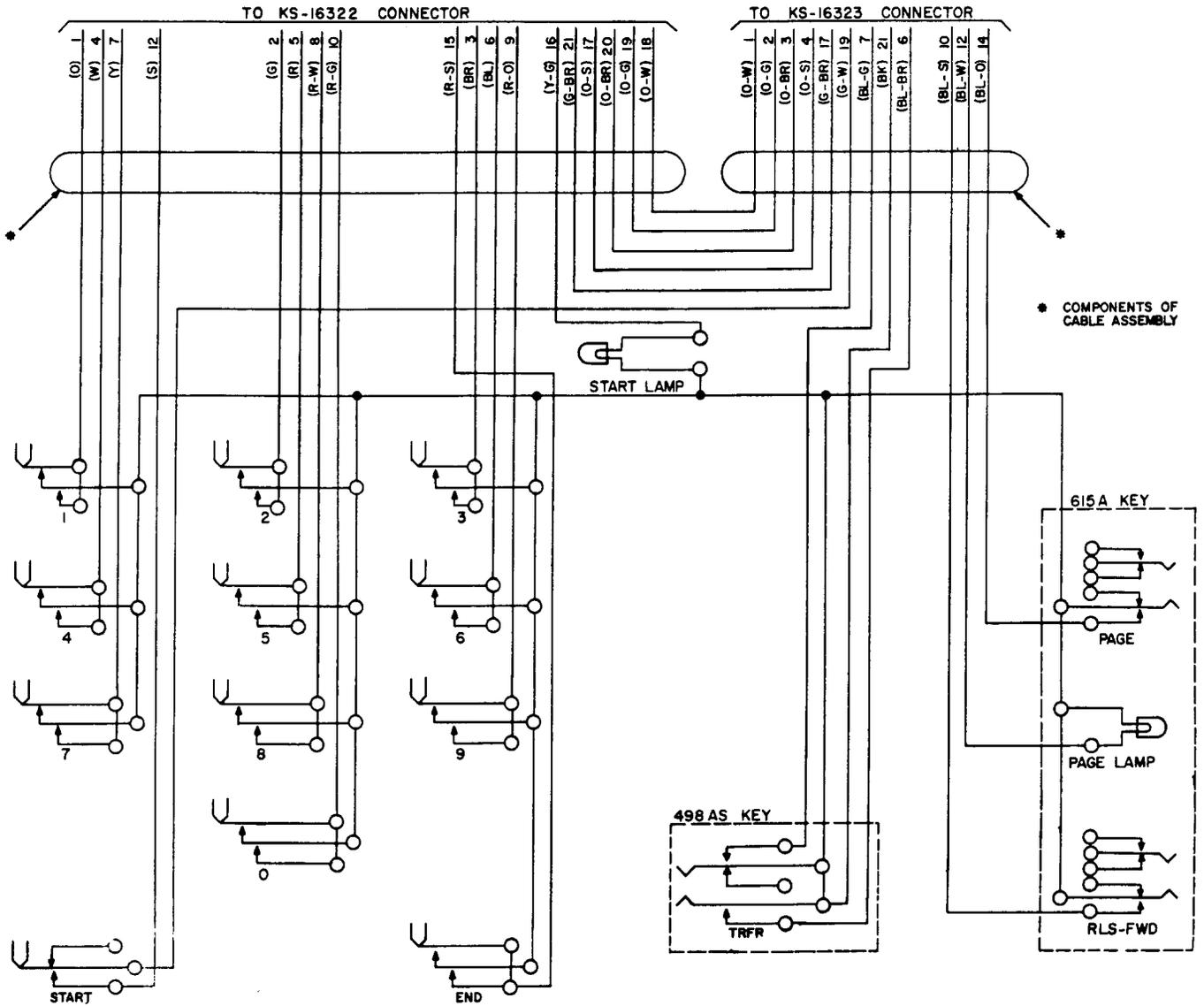


Fig. 7 - 23C Dial, Wiring Schematic