

STATION DIALS

1066-TYPE

IDENTIFICATION, INSTALLATION, AND CONNECTIONS

1. GENERAL

1.01 The 1066-type dials consist of 66-type TOUCH-TONE® dials mounted in a molded plastic housing and equipped with either 12- or 14-conductor mounting cords (Fig. 1 and 2).

1.02 The 1066A3A and 1066A4B dials are intended for use with a variety of station equipment in AUTOVON. The 1066D4B dial is intended for use in conjunction with a PBX switchboard and/or AUTOVON service.

1.03 Features of the 1066-type dial adjuncts are listed in Table A.

1.04 The external appearances of these dials are similar, but the buttons on the 1066A4B and 1066D4B dials are milky white and translucent red instead of gray and solid red as on the 1066A3A dial.

1.05 These dials are available in light gray (—61) only.

2. INSTALLATION

2.01 The D14M cord is one foot in length and the free conductors measure ten inches. D-161488 connectors are necessary to connect the dial to telephone sets without sufficient spare terminals.



Fig. 1 — 1066A4B Dial



Fig. 2 — 1066D4B Dial

TABLE A

DIAL ADJUNCT FEATURES

| DIAL ADJUNCT | TOUCH-TONE DIAL | CORD | FEATURES | USE |
|-----------------|--------------------|------|--|---|
| 1066A3A | 66A3A | D14M | 16 buttons 6 auxiliary with snap-on caps polarity guard | Expanded for use with speakerphone AUTOVON |
| 1066A4B | 66A4B | D14M | 16 button, illuminated all solid caps polarity guard | same as 1066A3A |
| 1066D4B | 66D4B | M12M | 16 buttons, illuminated all solid caps | PBX switchboards |

2.02 The M12M cord is six feet long and terminates in a KS-16689, List 6 plug at the free end. At the dial end, nine leads terminate in a KS-19087, List 5 connector and the remaining three spade-tipped leads connect to a terminal board in the dial housing.

2.03 It is intended that the cords enter the rear of the associated telephone sets. Fitting may be required in cases where telephone set cords do not enter at the rear of the housing.

2.04 The 1066-type dial may be mounted either vertically or horizontally. To mount vertically, remove housing and reverse the dial on its mounting brackets. A hole is provided in the baseplate for concealed wiring. When mounted horizontally, the rubber feet and brackets must

be attached to the dial with the plastic rivets provided. To attach the feet and bracket assemblies, place as shown in Fig. 3, insert the three-prong end of the plastic rivets into the two holes in each bracket, and drive the rivet pin flush with the rivet collar with a small instrument to secure the brackets.

3. CONNECTIONS

3.01 A schematic of the 1066A3A and 1066A4B dials with connections to a typical telephone set is shown in Fig. 4. These dials are identical except that the 1066A3A dial does not contain the two 53A illuminating lamps. Connections for the 1066D4B dial are shown in Fig. 5.

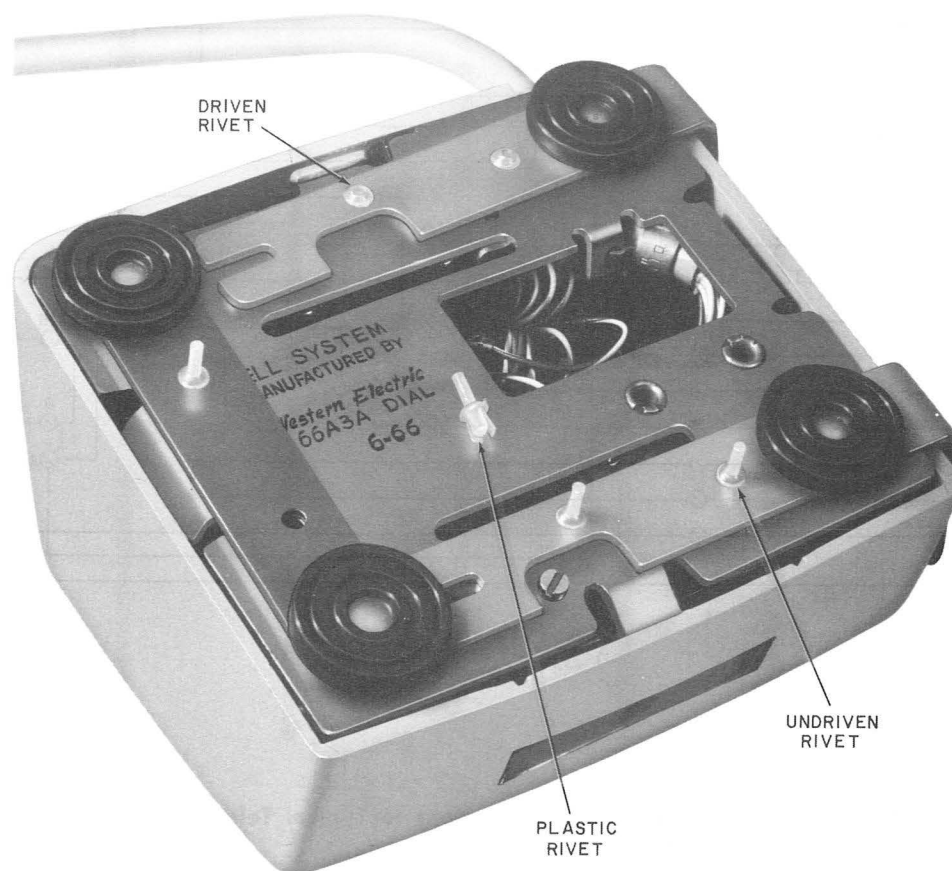


Fig. 3 — Attaching Feet and Bracket Assemblies

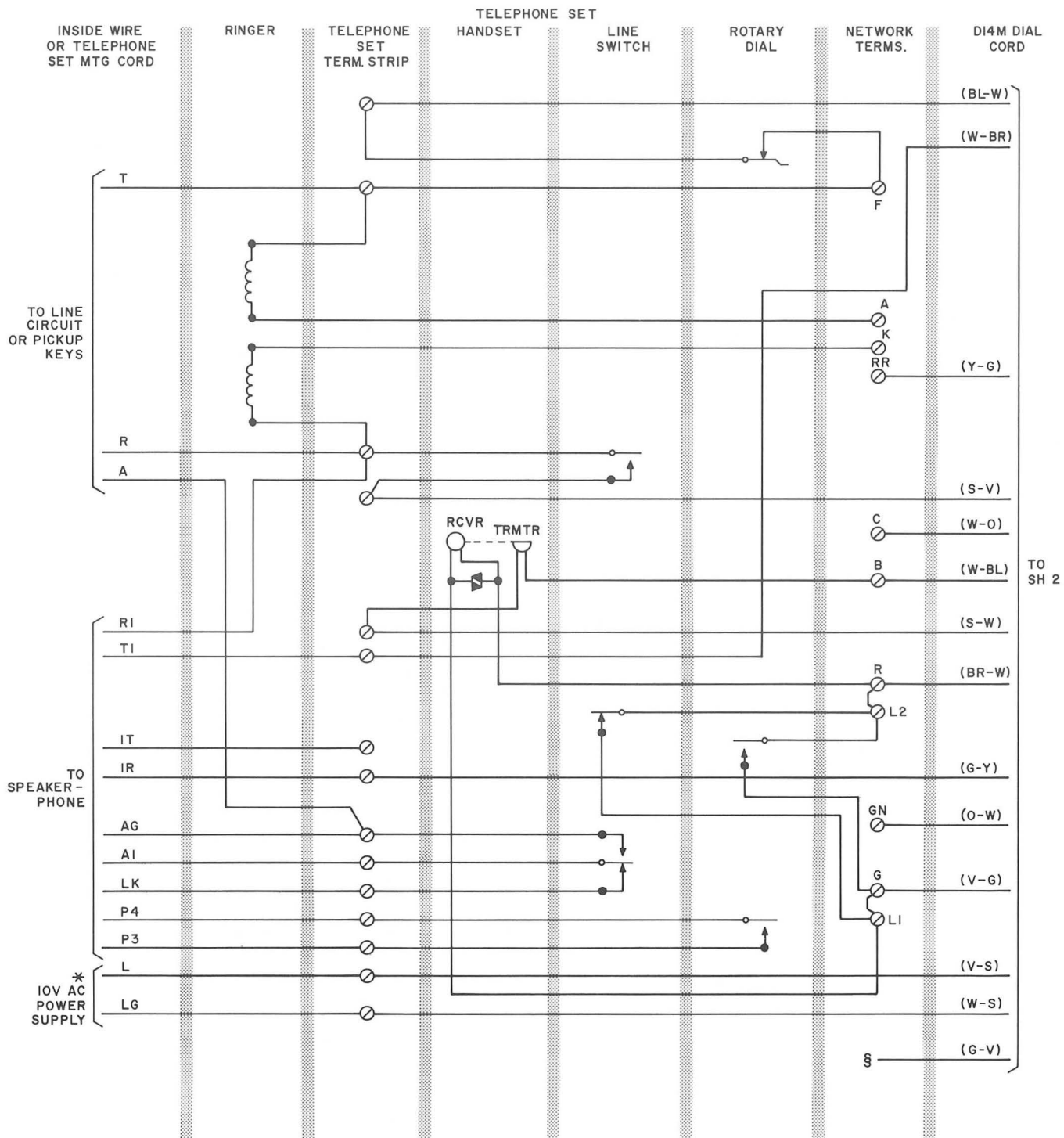


Fig. 4 — 1066A3A and 1066A4B Dials, Connections to Typical Telephone Set (Sheet 1 of 2)

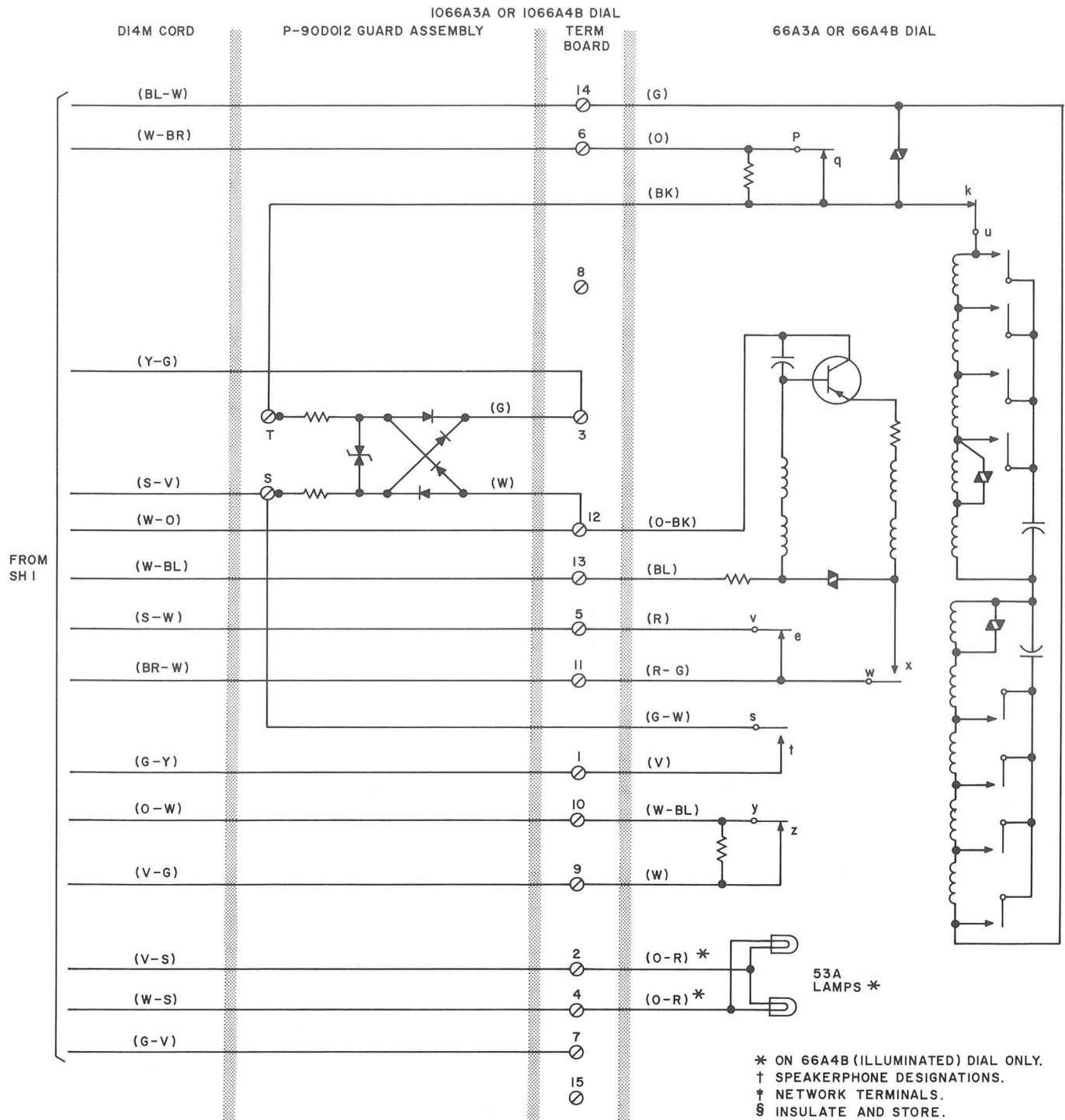


Fig. 4 — 1066A3A and 1066A4B Dials, Connections to Typical Telephone Set (Sheet 2 of 2)

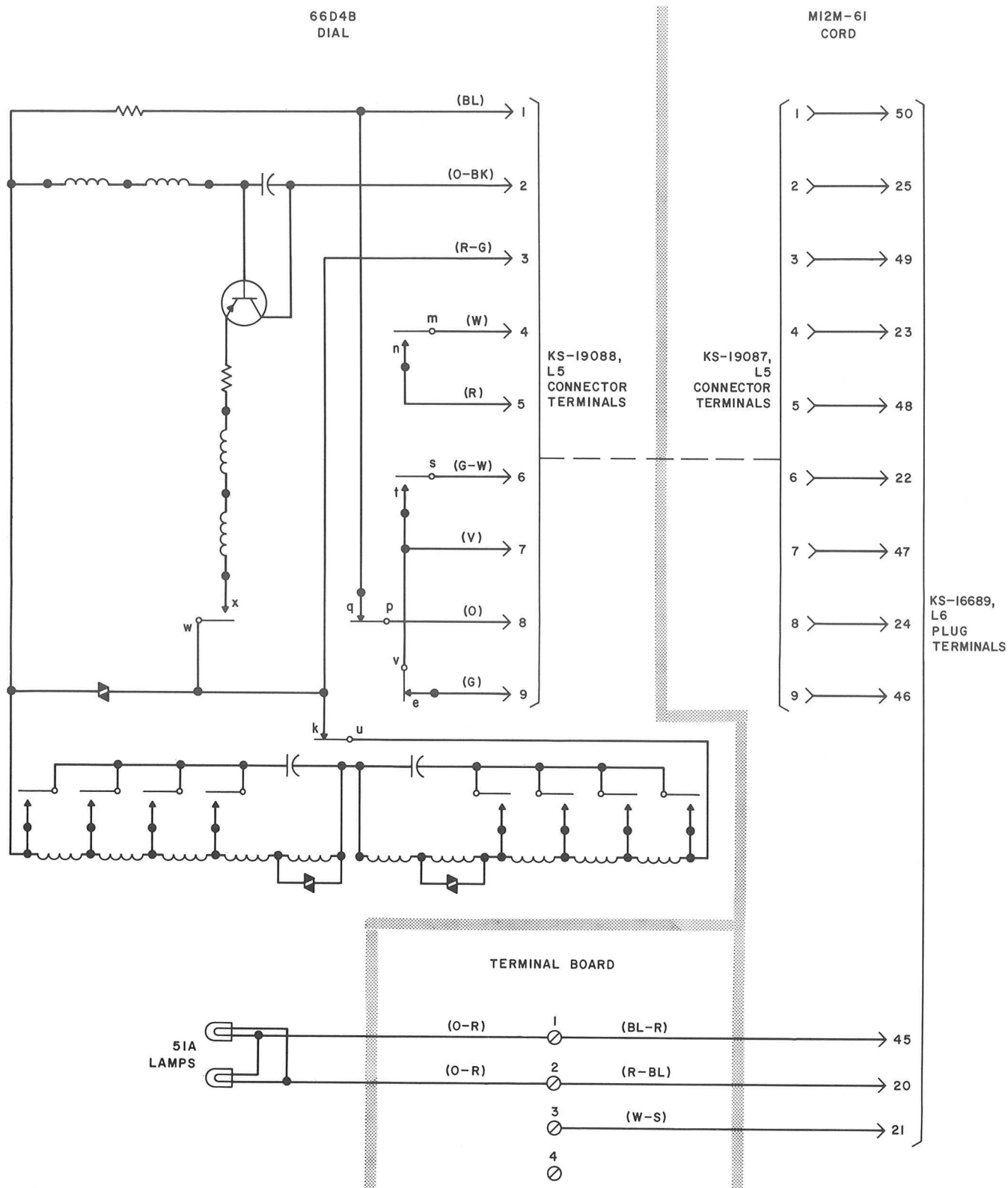


Fig. 5 — 1066D4B Dial, Connections