

## 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.

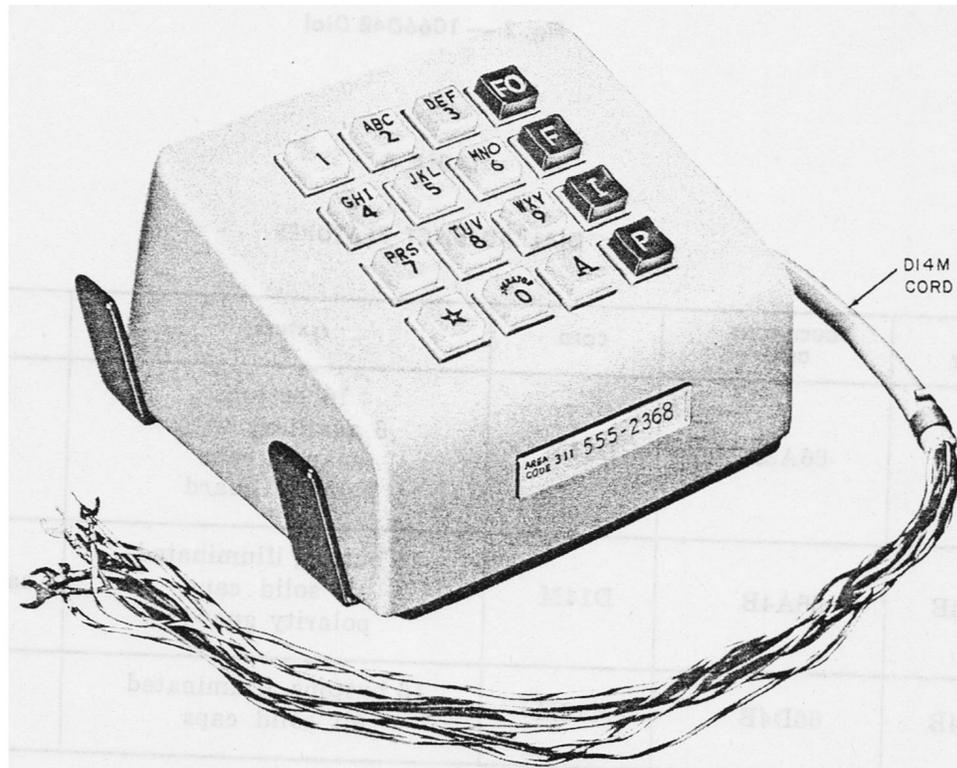


Fig. 1 — 1066A4B Dial

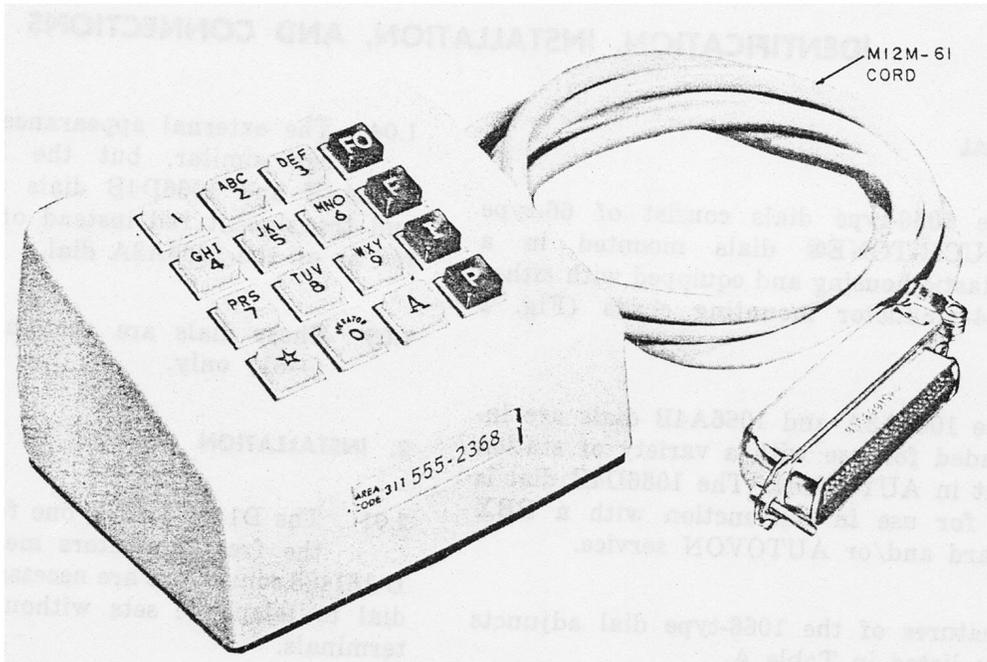


Fig. 2 — 1066D4B Dial

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.

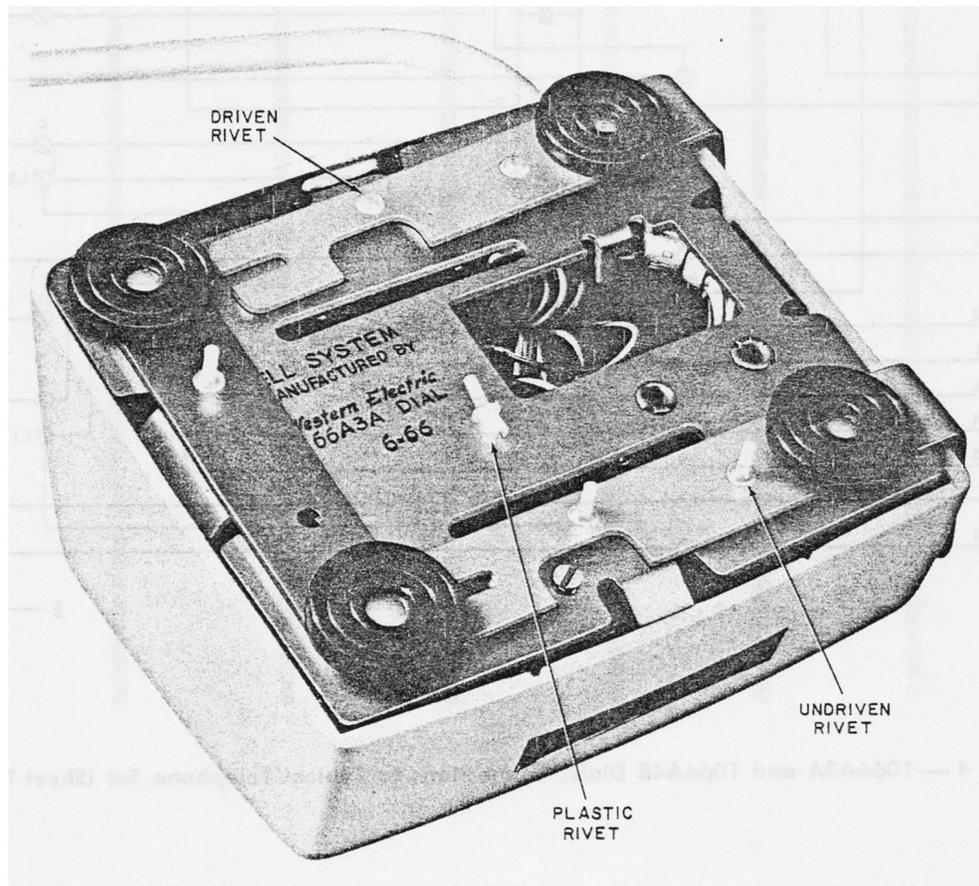
**2.03** It is intended that the cords enter the rear of the associated telephone sets. Fitting may be required in cases where telephone set cords do not enter at the rear of the housing.

**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**

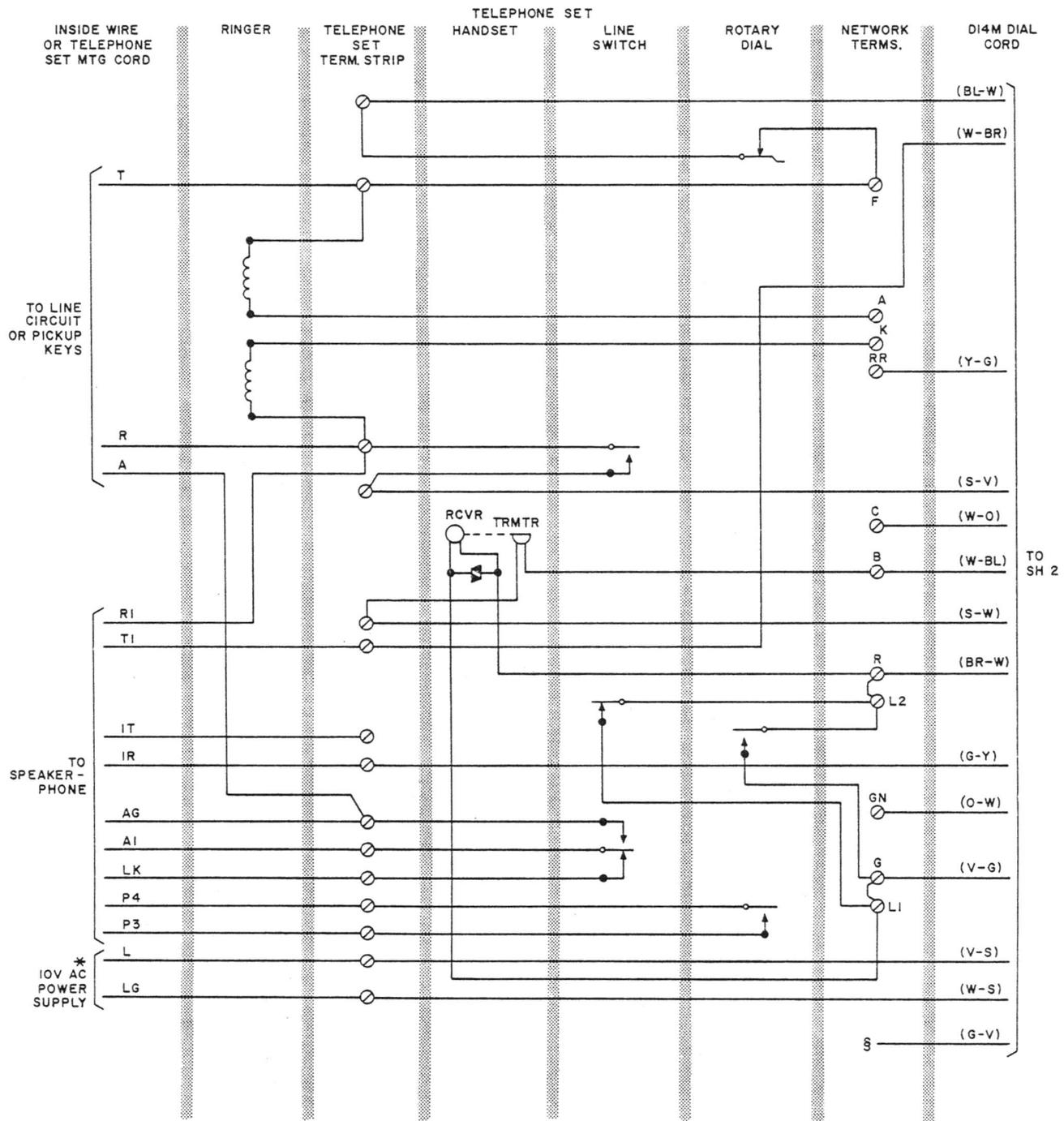


Fig. 4 — 1066A3A and 1066A4B Dials, Connections to Typical Telephone Set (Sheet 1 of 2)

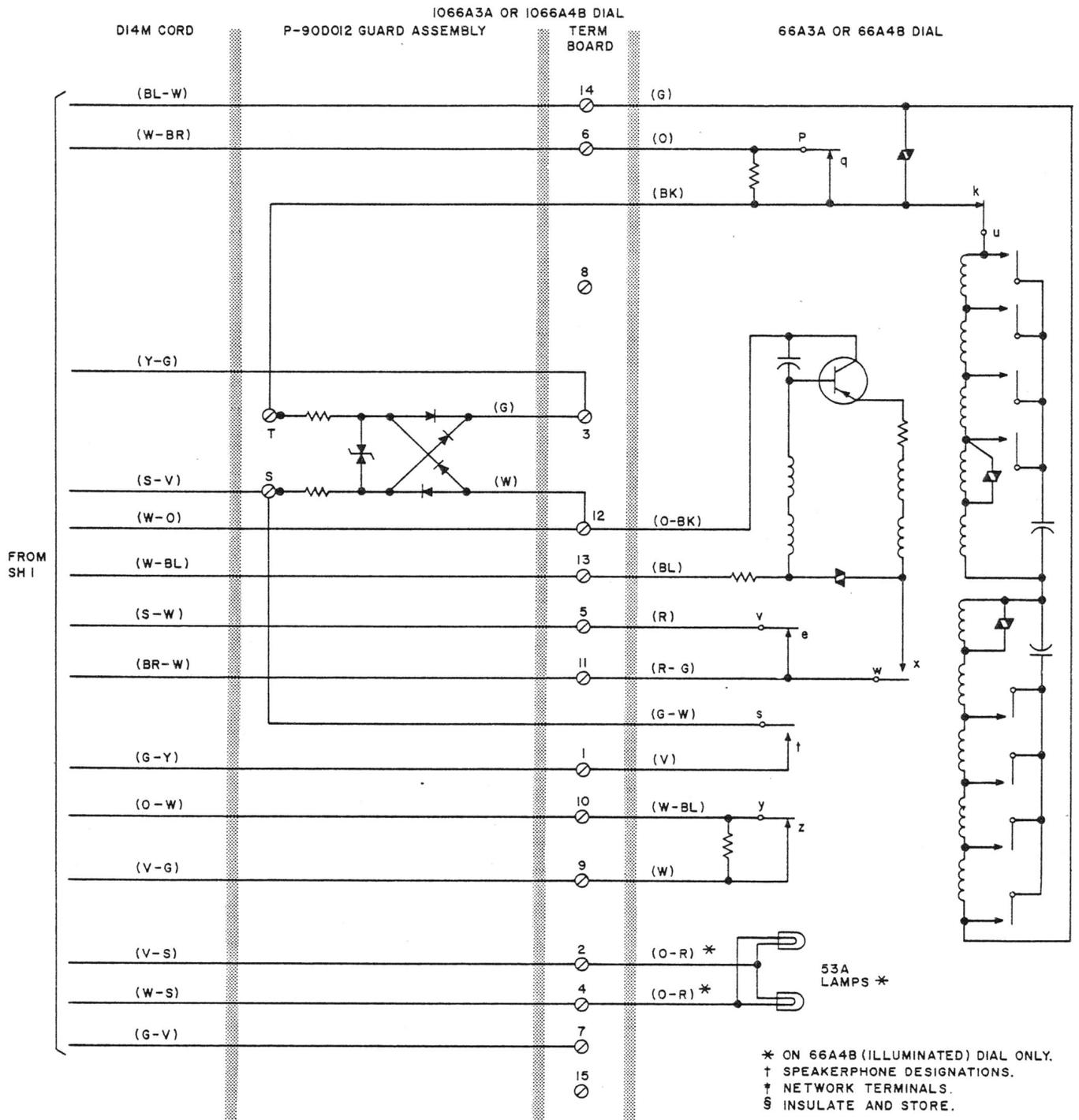


Fig. 4 — 1066A3A and 1066A4B Dials, Connections to Typical Telephone Set (Sheet 2 of 2)

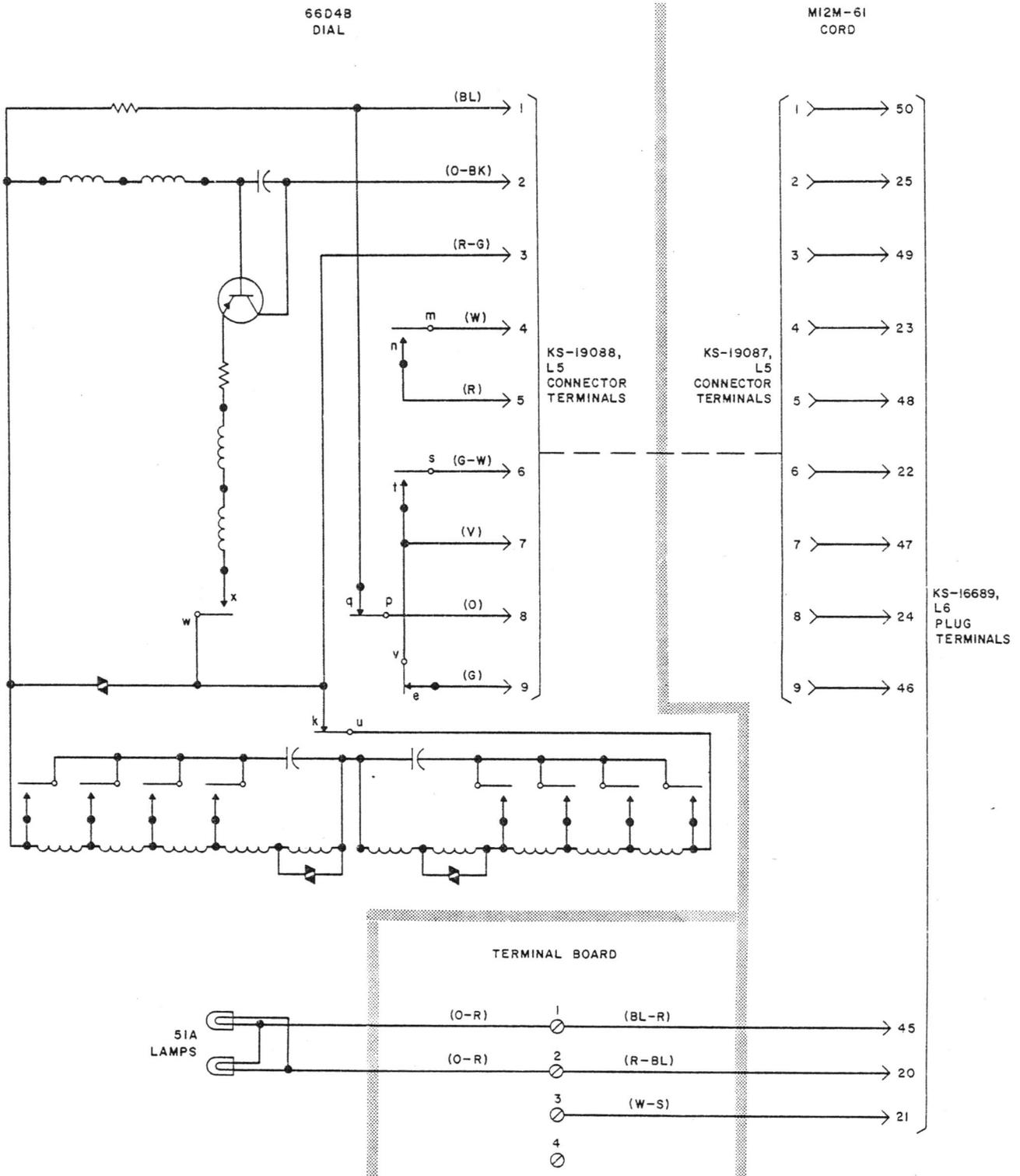


Fig. 5 — 1066D4B Dial, Connections