

INSIDE WIRING

42A CONN BLOCK OR 404B JACK

MTG CORD*

TERM. STRIPS

SWITCH ASSEMBLY

DIAL 8A

NETWORK 495A

HANDSET G3AR TYPE

KS-16184 TRANSFORMER

115V AC

GRD (Y) Y (Y) (Y)

1 (BL) (BL)

2 (BK) (BK)

TIP (GN) G (GN) (GN)

RING (R) R (R) (R)

(W) (W)

(SL-GN)

(OR-W)

DIAL LAMP

(SL-R)

(SL-BL)

(SL-GN)

(SL-Y)

(SL)

(SL-W)

(BL)

(GN)

(SL-R)

(W)

(W)

(SL-BK)

GN

RI

RCVR

XMTR

(W)

(R)

(BK)

* FOR PORTABLE INSTALLATION USE 4-CONDUCTOR CORD, OMITTING BL AND W

The diagram illustrates the electrical connections for a telephone system. It begins with a KS-16184 transformer connected to 115V AC. The secondary windings are connected to a 42A connection block or 404B jack. The wiring is organized into several sections: Inside Wiring, 42A Conn Block or 404B Jack, MTG Cord (Mounting Cord), Term. Strips (Terminal Strips), Switch Assembly, Dial 8A, Network 495A, and Handset G3AR Type. The MTG cord is a 4-conductor cord with wires labeled (Y), (BL), (BK), and (GN). These are connected to the terminal strips and then to the switch assembly. The switch assembly includes a switch (S1) and a dial lamp. The dial lamp is connected to the switch and the dial. The dial is connected to the network. The network is connected to the handset. The handset includes a receiver (RCVR) and a transmitter (XMTR). The wiring is color-coded: (Y) for yellow, (BL) for blue, (BK) for black, (GN) for green, (R) for red, (W) for white, (SL-GN) for shielded green, (OR-W) for orange-white, (SL-R) for shielded red, (SL-BL) for shielded blue, (SL-Y) for shielded yellow, (SL) for shielded, (SL-W) for shielded white, (BL) for blue, (GN) for green, (SL-R) for shielded red, (W) for white, (SL-BK) for shielded black, and GN for ground. A note at the bottom states: '* FOR PORTABLE INSTALLATION USE 4-CONDUCTOR CORD, OMITTING BL AND W'.

TABLE A
CONNECTIONS WITHOUT RINGER

Wire or Lead				Individual or Bridged	Ring Party	Tip Party*
42A Conn Block	Line	Ring	R	R	R	R
		Tip	GN	G	G	G
		Grd	Y	Y	Y	Y
	Transformer		1	Y	Y	Y
			2	B	B	B
	Mounting Cord		R	R	R	R
			GN	G	G	G
			Y	Y	Y	Y
			BL	B	B	B
			W	R	R	R
		BK	B	B	B	
Set Term.	Mounting Cord†		R	L2	L2	L2
			GN	L1	L1	L1
			Y	3	3	3
			BL	4	4	4
			W	D	D	D
			BK	4	4	4

† Wired at factory.

SECTION C38.670.4

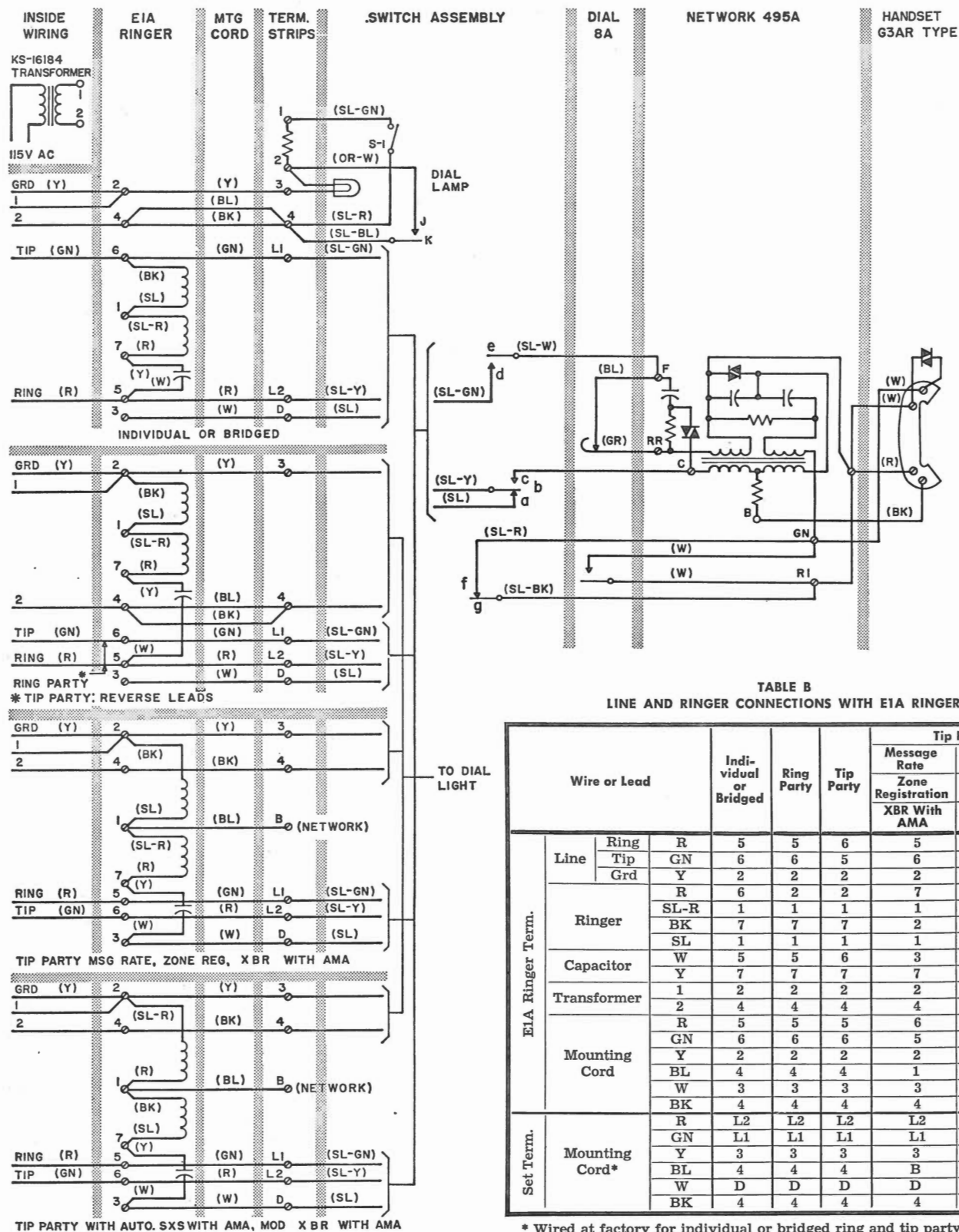


Fig. 2 — 701B Telephone Set with E1A Ringer

* Wired at factory for individual or bridged ring and tip party service.
Note 1: When cold cathode tube is required for ringing, refer to C Section covering installation.
Note 2: To silence ringer, refer to C Section entitled E1A Ringer.