

TYPE 182A TELEPHONE

CONNECTIONS

A typical 182A telephone installation is shown in Figure 1, the telephone schematic is shown in Figure 3. The telephone is equipped with either a lighted dial or lighted dial blank which requires 110 volts, a-c. Use ONLY the fused, current limiting plug provided with the telephone for connection at the 110 volts a-c outlet (see Figure 1). Standard inside-outside paired wire must be provided at the installation to connect the current limiting plug to the terminal block or ringer unit.

The telephone is provided with a terminal block which is used when the telephone contains a ringer. When the telephone is used with the Type 33 ringer unit, the terminal strip in the ringer unit is used.

Installer's connections are as follows:

- (1) When telephone is equipped with ringer, use Table 1 and Figure 2.
- (2) When telephone is to be used with a Type 33 ringer unit, use connection instructions supplied with ringer unit.

MODIFICATIONS

The following modification(s) must be made if applicable to this installation:

- a. For SATT system operation, connect the BRN dial wire to transmission unit terminal 9G (Figure 3).
- b. When replacing the dial with a dial blank, move the YEL cradle switch wire from transmission unit terminal 11 to terminal 1 (Figure 3).
- c. If used in a message waiting system, and the telephone is not equipped with required lamp, order conversion kit H-884684-1; modification instructions are provided with the kit.
- d. When a lighted dial or dial blank telephone is used with a ringer unit, the ringer unit must be modified to vacate terminal 4 of the ringer unit terminal strip. A wire nut (FD-1020JK) is provided with the telephone to make the wire modifications.

Table 1. Terminal Block Connection Type 182A Telephone equipped with Ringer

	Terminal Block Connections										Transmission Unit Terminals			
	Line Cord Wires (Term. Blk. to Telephone)					Interior Wires (Station Protection)			110 V. Power Source Wires		Ringer Leads		Capacitor Leads	
	RED	GRN	YEL	BLK	BLU	RED	GRN	YEL			GRN	RED		
Bridged Ringing Std Dial	L1	L2	L2	3	5	L1	L2		3	5	16	15	9	16
Divided Ringing L1 (- Ring) To Ground Std Dial	L1	L2	4G	3	5	L1	L2	4G	3	5	16	15	9	16
Bridged Ringing (+ Tip) To Ground Std Dial	L1	L2	4G	3	5	L2	L1	4G	3	5	16	15	9	16
Bridged Ringing SATT Dial	L1	L2	4G	3	5	L1	L2	4G	3	5	16	15	7	16
Divided Ringing L1 (- Ring) To Ground SATT Dial	L1	L2	4G	3	5	L1	L2	4G	3	5	16	15	9	16
Divided Ringing L2 (+ Tip) To Ground SATT Dial	L1	L2	4G	3	5	L1	L2	4G	3	5	16	7	9	16

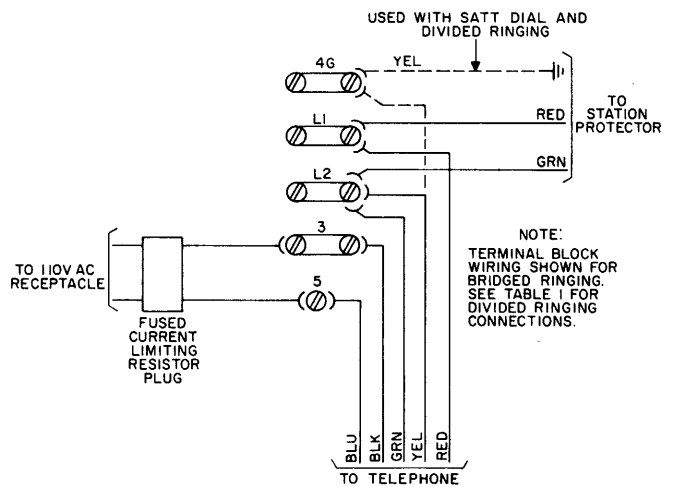


Figure 2. Terminal Block Connections.

