

10-BUTTON, PUSHBUTTON DIAL, DESK TELEPHONES WITH BUSY LAMP FIELD CIRCUIT LABELS

1. GENERAL

1.01 This document covers the 10-button, pushbutton dial, desk telephones with busy lamp field. (See Figure 1.) Circuit labels for 10-button, pushbutton dial, desk telephones with busy lamp field are included. (See Table A.)



AW 86-349

Figure 1: 10-Button, Pushbutton Dial, Desk Telephone W/BLF

1.02 This section is reissued to provide the latest issue of circuit labels for the following 10-button, pushbutton dial, desk telephones with busy lamp fields:

- (a) Model 2835, Types 42 and 46
- (b) Model 2835, Type 76

1.03 For additional information on description and installation of the telephones, refer to Section 50-835-103. A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-835-104. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 2835 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-835-103 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.

1.05 The Model 2835 desk telephones are 10-button, pushbutton dial, anti-sidetone type units that operate efficiently over a wide range of loop resistances and line impedances. These telephones are designed for use with key telephone systems, such as the ITT 1A2 System, where several telephones have access to the same lines, CO trunks, or intercom lines. All models include a busy lamp field with lamps for 24 stations. Each telephone is equipped with a 100-conductor mounting cord terminated in two 50-pin (25-pair) Amphenol-type connectors. One connector is dedicated to the busy lamp field.

TABLE A
LIST OF CIRCUIT LABELS

MODEL NO	TYPE NO	FIGURE NO
2835	42, 46	2
2835	76	3

AW 86-397

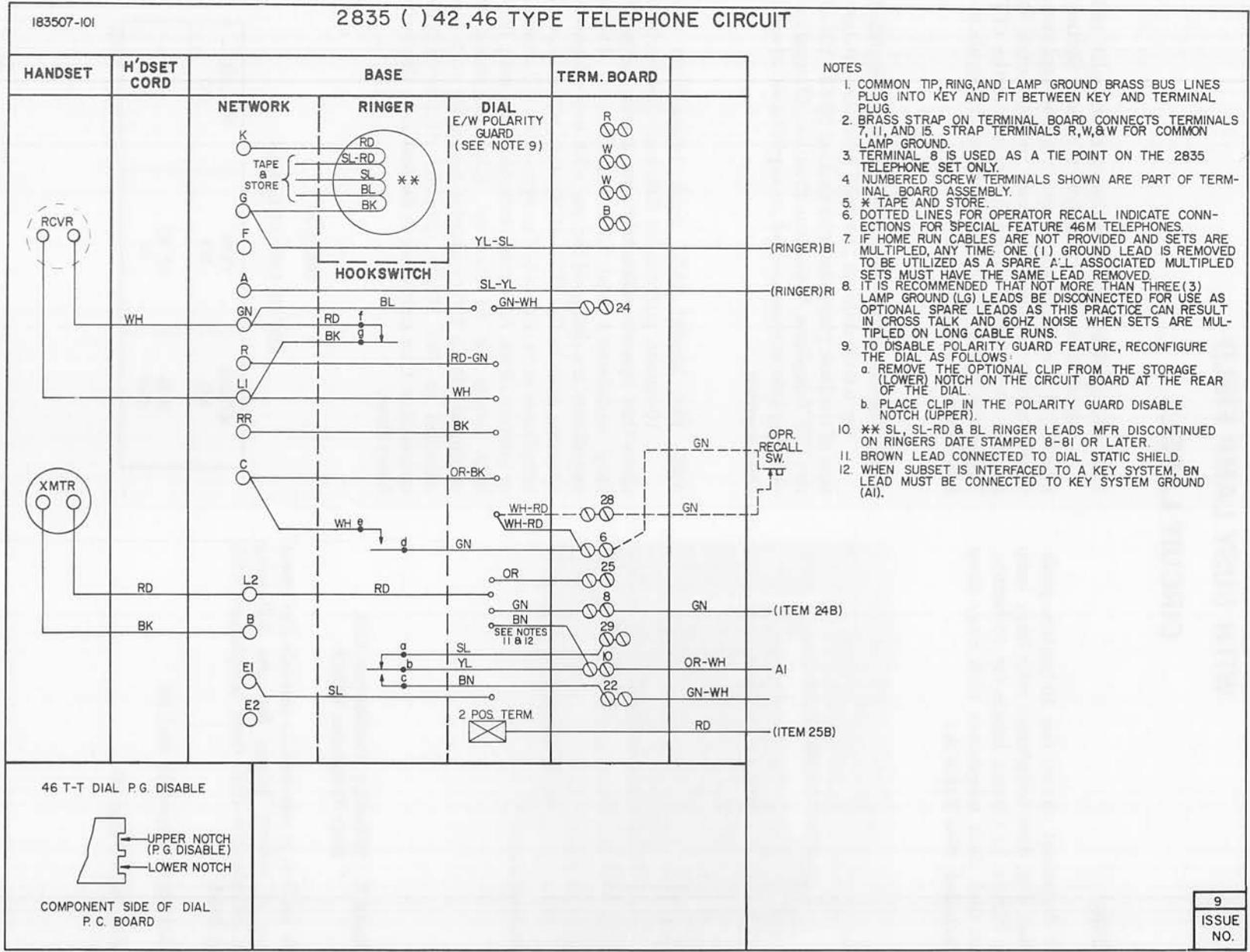
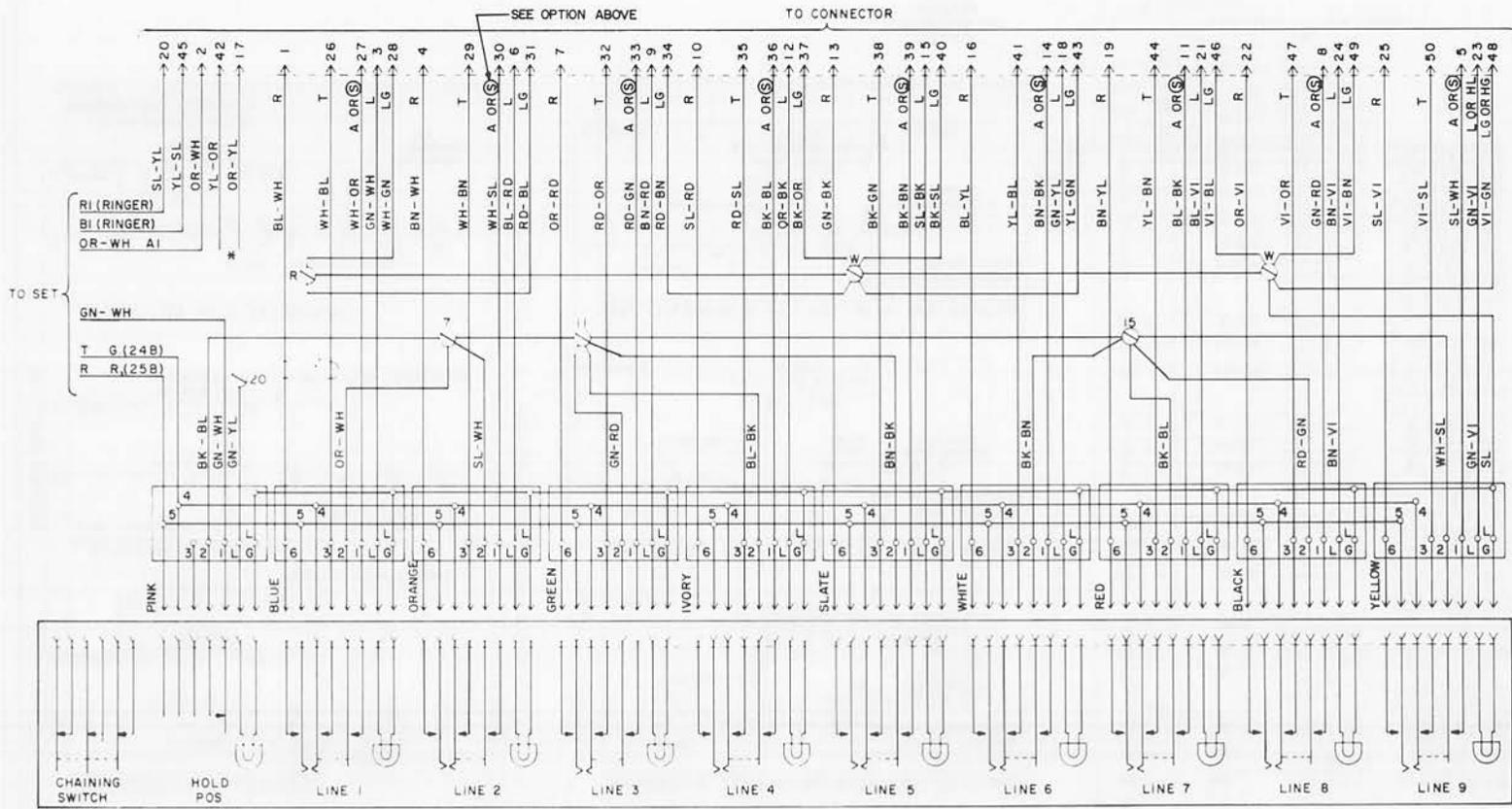


Figure 2: Circuit Label, Model 2835 Types 42, 46 (Sheet 1 of 3)

2835 () 42,46 TYPE TELEPHONE CIRCUIT

OPTION: (S) PROVIDE INDIVIDUAL SIGNALING GROUND



181137-101 KEY

9
ISSUE NO

Figure 2: Circuit Label, Model 2835 Types 42, 46 (Sheet 2 of 3)

183507-101

2835 () 42,46 TYPE TELEPHONE CIRCUIT

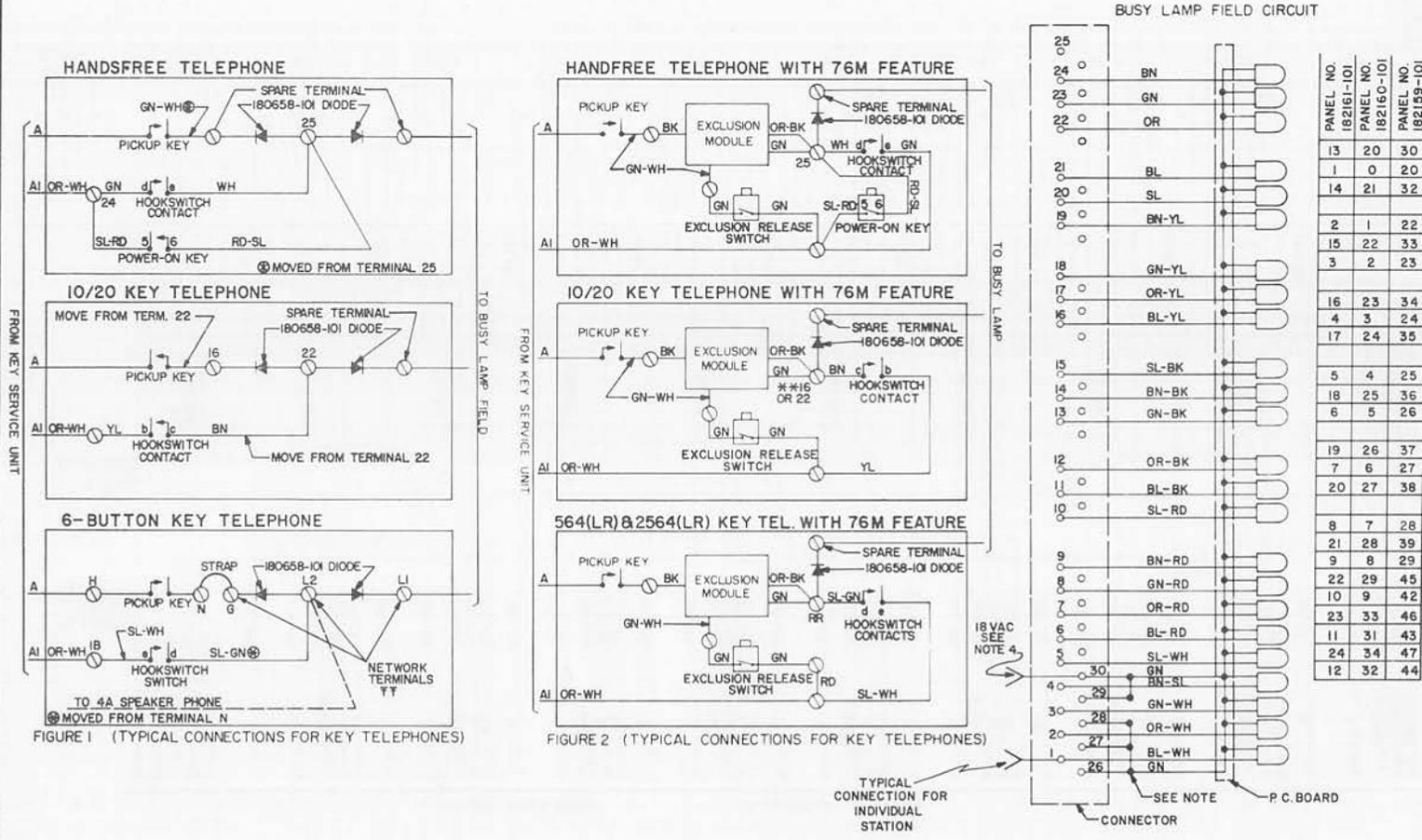


FIGURE 1 (TYPICAL CONNECTIONS FOR KEY TELEPHONES)

FIGURE 2 (TYPICAL CONNECTIONS FOR KEY TELEPHONES)

- NOTES
1. PINS 26, 27, & 28 ARE STRAPPED. PINS 29 & 30 ARE STRAPPED.
 2. ** ALL TELEPHONES WITH DATE CODE UP TO 2-78 USE TERM. 16. TELEPHONES DATE CODED 3-78 AND LATER USE TERM. 22.
 3. †† ISOLATED TERMINALS TO BE PROVIDED BY INSTALLER ON 42 & 46M TELEPHONES.
 4. USE OF TELEPHONES DATE CODED 10-82 AND LATER MAY REQUIRE AN ADDITIONAL 18 VAC POWER SOURCE IF TWO OR MORE BLFS ARE CONNECTED TOGETHER IN ANY KEY SYSTEM APPLICATION.

9
ISSUE
NO

Figure 2: Circuit Label, Model 2835 Types 42, 46 (Sheet 3 of 3)

