

CIRCUIT DESCRIPTION

CD-67025-01  
ISSUE 1  
APPENDIX 2B  
DWG ISSUE 3B

3

PBX SYSTEMS  
TRANSMISSION TEST LINE  
TERMINATION CIRCUIT

CHANGES

D. Description of Changes

D.1 Option Z is designated and rated Mfr Disc. and option Y is added to strap lead T to lead F and strap lead R to lead D. Strapping these leads at this circuit eliminates running extra cable leads to the transmission test line circuit where they were previously connected together.

BELL TELEPHONE LABORATORIES, INCORPORATED  
DEPT 5333-RGL-FLS

PBX SYSTEMS  
TRANSMISSION TEST LINE  
TERMINATION CIRCUIT

CHANGES

D. Description of Changes

D.1 The following changes are made in Fig. 1, on a no-record basis, to bring the SD drawing into agreement with manufacturing drawings:

- (a) The quadrants designated A, B, and C for the T key were formerly designated D, C, and B, respectively.
- (b) Contacts 1, 2 and 3, 4, T key, quadrant C, were formerly shown as closed contacts in the normal position.
- (c) Contact numbering for T key, quadrant A, was formerly 1 through 7.
- (d) Contacts 1, 2, T key, quadrant A, was formerly shown as an open contact in the normal position.
- (e) Terminal 4 (TR) coil has been so designated.
- (f) Reference to J58836C has been corrected.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT 5332-WFH-GES

PBX SYSTEMS  
TRANSMISSION TEST LINE  
TERMINATION  
CIRCUIT

TABLE OF CONTENTS	PAGE	<u>SECTION I - GENERAL DESCRIPTION</u>
<u>SECTION I - GENERAL DESCRIPTION</u>	1	1. GENERAL METHOD OF OPERATION
1. GENERAL METHOD OF OPERATION	1	1.1 When this test line termination is seized by the associated test line, it provides for the use of an operators type telephone set and cord ended test sets for transmission tests between offices.
2. PURPOSE OF CIRCUIT	1	
<u>SECTION II - DETAILED DESCRIPTION</u>	1	2. PURPOSE OF CIRCUIT
1. ANSWER	1	2.1 To provide a talking termination for transmission testing, provide for using test sets and for patching a 1000 cycle tone into the TM jack.
2. TEST PROCEDURES	1	
<u>SECTION III - REFERENCE DATA</u>	1	<u>SECTION II - DETAILED DESCRIPTION</u>
1. WORKING LIMITS	1	1. ANSWER
2. CONNECTING CIRCUITS	1	When a call comes in on the associated test line, ringing is tripped in the test line, but the audible signal sounds, and the L lamp lights, until the T key is operated to the talk position. With the T key operated, the L lamp is extinguished, the audible signal is silenced and the circuit is ready for talking.
		2. TEST PROCEDURES
		Upon request from the far end, any test instrument that is plug ended may be plugged into the TM jack for transmission testing. Also the milliwatt distributing jack may be patched into the TM jack by using the patching cord of Fig. 4. When any plug is inserted into the TM jack, the rest of the circuit is removed so that the connection is free of any impedance.
		<u>SECTION III - REFERENCE DATA</u>
		1. WORKING LIMITS
		1.1 Voltage Limits - 44-52 volts.
		2. CONNECTING CIRCUITS
		2.1 Transmission Test Line Circuit - SD-98100-01.
		2.2 Milliwatt Distributing Circuit - SD-95277-01.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT. 5336-JSC-EvdL-ER

Printed in U. S. A.

Page 1  
1 Page