

COMMON SYSTEMS
TEST TERMINAL CIRCUIT
FOR BATTERY AND GROUND
FOR TOLL, MANUAL, PANEL, STEP-BY-STEP
CROSSBAR OR TELEGRAPH SYSTEMS

7

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 Figure 9 is added to provide use of this circuit for 356A C.D.O. line frame.

D. 2 Note 103 previously showed Figure 3 for use on relay rack in 701 PBX.

D.3 Prior to this issue the title read:

COMMON SYSTEMS
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FOR BATTERY AND GROUND
FOR TOLL, MANUAL, PANEL, STEP-BY-STEP,
CROSSBAR, TELEGRAPH ON PBX SYSTEMS

D.4 Note 110 is added.

D.5 Prior to this issue 24V. signal battery was not provided in Figure 7. Reference to Fig. 7 is added in note 108.

D.6 The use of Figure 7 for Panel Offices is added in note 103.

All other headings no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3360-MKS-CGM-AO

COMMON SYSTEMS
TEST TERMINAL CIRCUIT
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CROSSBAR TELEGRAPH OR PBX SYSTEMS

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

- D.1 The following replacement note is added: "Replaced by SD-32153-01 for use on Step-by-Step Relay Racks".
- D.2 Note 109 is added.
- D.3 Figs. 1 and 3 per Note 103 in connection with relay racks are rated "Mfr. Disc." for "SXS Line Finder Offices", and "SXS Line Sw. and Combined L.S. and L.F. Offices".

D.4 Prior to Iss. 14-D the notation associated with Fig. 3 read: "See notes 102 and 103".

D.5 "701 PBX" is added to Note 103.

D.6 Prior to this issue the title read:

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All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3310-BP-RLL-CE

COMMON SYSTEMS
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CROSSBAR OR TELEGRAPH SYSTEMS

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 The connecting information for
the 48V, 24V and G leads in
Fig. 8 formerly read: "To Other 43A
Conn. Blocks".

D.2 The title for Fig. 8 formerly
read: "Connectors on 43A Con-
necting Block".

All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3310-SRM-RRL-CA

CIRCUIT DESCRIPTION
SYSTEMS DEVELOPMENT DEPARTMENT

CD-90122-01
Issue 8-D
Appendix 3-D
Dwg. Issue 12-D

COMMON SYSTEMS
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CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 Figure 8 was added to provide a
43A connecting block for use in
Switchboard No. 3CL Offices.

D.2 Reference to Figure 8 was added to
Circuit Notes 101, 102 and 103.

D.3 Circuit Note 108 was added on
Issue 12-D.

All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3350-SRM-FS-AK

CIRCUIT DESCRIPTION
SYSTEMS DEVELOPMENT DEPARTMENT

CD-90122-01
Issue 8-D
Appendix 2-D
Dwg. Issue 11-D

COMMON SYSTEMS
TEST TERMINAL CIRCUIT
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D. DESCRIPTION OF CIRCUIT CHANGES

- D.1 Reissued to add Junctor Grouping Frame, Figure 3, for crossbar offices.
- D.2 Notes 101 and 102 have been changed to add reference to "line up".

All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3330-MLR-WHM

COMMON SYSTEMS
TEST TERMINAL CIRCUIT
FOR BATTERY AND GROUND
FOR TOLL, MANUAL, PANEL, STEP-BY-STEP
CROSSBAR OR TELEGRAPH SYSTEMS

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 The application table in circuit
note 103 was amplified on Issue 10-D
as follows:

"Int. or Combined Distb. Frs."
formerly read "Int. Distb. Frs."

"/ Figs. 3 or 4" in line with "Int.
or Combined Distb. Frs." and in the
column headed "S.X.S. Line Finder
Offices" read "Fig. 3".

D.2 Circuit note 107 was added.

All other headings, no change.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 3350-WBP-RSW

COMMON SYSTEMS
TEST TERMINAL CIRCUIT
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CROSSBAR OR TELEGRAPH SYSTEMS

CHANGES

A. CHANGED AND ADDED FUNCTIONS

A.1 Arranged for use with crossbar offices.

B. CHANGES IN APPARATUS

B.1 Added

D-98536 Connecting Block -
Figure 5

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 Prior to Issue 9-D the D-98536 connecting block was not shown in Figure 5. This optional connecting block was added for use in crossbar offices.

D.2 Formerly the information in the "Crossbar Offices" column of the application table in Circuit Note 103 was not shown.

D.3 The title formerly read as follows:

"COMMON SYSTEMS
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OR TELEGRAPH SYSTEMS"

All other headings under "Changes", no change.

1. PURPOSE OF CIRCUIT

1.1 This circuit is used to furnish battery and ground for testing purposes in toll, manual, panel, step-by-step, crossbar and telegraph systems.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 332-WBP-RSW

2. WORKING LIMITS

2.1 None

3. FUNCTIONS

3.1 To supply battery and ground for testing purposes at relay racks, switchboards, desks, traffic register racks, frames on which toll or step-by-step key pulsing equipment is mounted, toll crossbar call distributing frames, intermediate and main distributing frames, test and control boards and telegraph systems.

3.2 To prevent message register operation when testing.

4. CONNECTING CIRCUITS

4.1 Standard testing circuits.

DESCRIPTION OF OPERATION

5. This circuit is used to supply battery and ground of the desired voltage at various points on relay racks, switchboard sections, desks, traffic register racks, frames on which toll or step-by-step key pulsing equipment is mounted, test and control boards and distributing frames of toll, crossbar, toll crossbar, manual, panel, step-by-step or telegraph systems. Figures 2 and 4, which are located only at the I.D.F., provide for a 2000 ohm resistance in series with the battery, to prevent the operation of a line message register when a battery terminal is accidentally connected between the G and HRG terminals of the connecting block in Figure 7 so that testing may be done through the windings of the selecting and holding magnets without operating these magnets.