

CIRCUIT DESCRIPTION

CD-99417-01
ISSUE 1
APPENDIX 2D
DWG ISSUE 3D

3

COMMON SYSTEMS
MESSAGE REGISTER RESISTOR CIRCUIT
FOR MESSAGE UNIT REPETITION
TO PBX VIA THIRD WIRE

CHANGES

D. Description of Changes

D.1 CAD 3 is modified.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT 5824-SJG-MR

COMMON SYSTEMS
MESSAGE REGISTER RESISTOR CIRCUIT
FOR MESSAGE UNIT REPETITION
TO PBX VIA THIRD WIRE

CHANGES

D. Description of Changes

- D.1 CAD1 is modified.
- D.2 CAD2 is rated Mfr Disc.
- D.3 CAD3 is added.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT 2361-OBS-RJJ, Jr.

COMMON SYSTEM
MESSAGE REGISTER RESISTOR CIRCUIT
FOR MESSAGE UNIT REPETITION
TO PBX VIA THIRD WIRESECTION I - GENERAL DESCRIPTION1. GENERAL

- 1.01 This circuit provides a resistance battery for the operation of a message register at a PBX location.

SECTION II - DETAILED DESCRIPTION1. FIG. 1, RESISTOR A

- 1.01 Where message registers at a PBX location are to be scored concurrently with central office registers, the resistance battery of this circuit is fed through make contacts on the central office register to operate the station message register pulse circuit. This latter circuit operates a PBX message register.

SECTION III - REFERENCE DATA1. WORKING LIMITS

None (see PBX Station Message Register Pulse Circuit).

2. FUNCTIONAL DESIGNATIONS

None.

3. FUNCTIONS

- 3.01 To provide battery protection for the operation of message registers at a PBX location.

4. CONNECTING CIRCUITS

(a) Step-by-Step System

- (1) Subscriber Line Circuit - SD-32133-01 (typical).

(b) No. 5 Crossbar

- (1) Subscriber Message Register Circuit - SD-25770-01 (typical).

(c) No. 1 Crossbar

- (1) Subscriber Line and Controller - SD-25553-01 (typical).

(d) Panel

- (1) Subscriber Line with Battery on Cut-Off Relay - SD-21712-01.

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