

POWER SYSTEMS
RINGING CIRCUIT
INTERRUPTER EQUIPMENT
756A PBX
J86464C

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 Solid leads in Fig. 2 were formerly shown dotted and bracket read "To Power Supply Ckt."

D.2 Designations of leads "To PBX Circuits" have been changed to agree with PBX circuit designations.

All other headings under Changes, no change.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT. 5152-WSR-JMD-HM

POWER SYSTEMS
RINGING CIRCUIT
INTERRUPTER EQUIPMENT
756A PBX
J86464C

1. PURPOSE OF CIRCUIT

1.1 To provide machine ringing and signaling interruptions required for the 756A P.B.X.

2. WORKING LIMITS

2.1 105-125 Volts, 60 Cycle, A-C Service.

3. FUNCTIONS

- 3.1 To provide one brush of machine ringing.
- 3.2 To provide 30, 60, and 120 IPM battery pulses for signaling.
- 3.3 To provide ground timing and pickup pulses for the switching circuits.
- 3.4 To provide 60 to 120 IPM interruptions for low tone.

4. CONNECTING CIRCUITS

This circuit was originally designed to connect to the following circuits.

- 4.1 SD-81326-01 - Power Supply Circuit.
- 4.2 756A P.B.X. Switching Circuits.

DESCRIPTION OF OPERATION

5. GENERAL

- 5.1 A small 60 cycle a-c motor drives a camshaft, upon which are mounted cams operating spring pileups to give the intervals as shown in Table 1.
- 5.2 Interrupter spring No. 1 furnishes machine ringing (20 cycle ringing current and tripping battery) to ring sub-set bells.
- 5.2 Interrupter springs 2-6 furnish pulses as shown in Table 1.

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DEPT. 5232-WSR-JMD-DO