

COMMON SYSTEMS
TEST BATTERY CIRCUIT
FOR VOLTMETER AND BREAKDOWN TESTS
FOR USE WHERE TEST BATTERY
OF LOCAL TEST DESK IS NOT AVAILABLE

SECTION I - GENERAL DESCRIPTION1. PURPOSE OF CIRCUIT

1.01 This circuit provides test battery supply for various circuits in offices where these voltages are not available from the batteries supplying the local test desk.

SECTION II - DETAILED DESCRIPTION

1.01 This circuit supplies positive voltages of 20, 100, 116, and 200 volts and negative voltage of 116 volts for use by the connecting circuits. Where some of the voltages are not required, sections of the batteries may be omitted. These voltages are supplied through protective fuses. More than one connecting circuit may be supplied from the same set of test batteries.

1.02 The voltages are adjusted to the values specified in Notes 101, 102, and 103 by moving the wires to the proper spring clip terminals on the batteries.

SECTION III - REFERENCE DATA1. WORKING LIMITS

None

2. FUNCTIONAL DESIGNATIONS

None

3. FUNCTIONS

3.01 To provide +20, +100, +116, +200, and -116 voltages to various circuits for testing purposes.

4. CONNECTING CIRCUITS

4.01 When this circuit is shown on a key-sheet, the connecting information thereon should be followed.

- (a) Panel Outgoing Trunk Test Board Test Circuit - SD-21610-01.
- (b) No. 1 Crossbar Outgoing Trunk Test Frame Trunk and Line Test - SD-25177-01.
- (c) Miscellaneous Circuit for Panel Final Selector Frame - SD-21231-01.
- (d) Local Test Cabinet No. 1 Test Set Circuit - SD-90223-01.
- (e) Test Jack Circuit for Local Test Cabinet No. 1 - SD-90239-01.
- (f) Panel or No. 1 Crossbar Sender Make-Busy Frame Test Circuit - SD-21697-01.
- (g) DSA Switchboard Voltmeter Cord Circuit - SD-21619-01.
- (h) Manual Switchboard Test Cord Circuit - SD-12738-01.
- (i) No. 5 Crossbar Master Test Frame Voltmeter Test Circuit - SD-25792-01.
- (j) Local Test Cabinet No. 3 Supply Circuit - SD-96205-01.
- (k) Sender, Identifier, and Transverter Test Circuit - SD-32208-01.
- (l) Automatic Trunk Test Circuit - SD-32206-01.
- (m) No. 1 Crossbar DID Test Circuit - SD-27766-01.

SECTION IV - REASONS FOR REISSUED. Description of Changes

D.1 Connecting information is enlarged to add No. 1 Crossbar Direct Inward Dialing Test Circuit.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT 5643-JEK-MR