

**2**STEP-BY-STEP SYSTEMS  
NO. 1, 350A, 355A, 356A OR 35-E-97  
CONNECTOR BANK MULTIPLE CIRCUITSECTION I - GENERAL DESCRIPTION1. PURPOSE OF CIRCUIT

1.01 This circuit shows the multiple banks and wiring for Connector Switch Circuits together with optional bank codes and figures representing different bank wiring arrangements.

SECTION II - DETAILED DESCRIPTION1. BANK CODES AND WIRING ARRANGEMENTS

1.01 No circuit operation as such is involved. Bank codes and various bank wiring arrangements for Connector Circuits are given by options and figures, respectively. From the information given on a particular Connector and other connecting circuits it should therefore be possible to specify the option and figure that are to be used. The use of this drawing thereby avoids showing this information on every individual connector circuit.

SECTION III - REFERENCE DATA1. WORKING LIMITS

1.01 None

2. FUNCTIONAL DESIGNATION

2.01 None

3. FUNCTIONS

3.01 To provide a common drawing that covers all types of banks used with various Connector Switches.

3.02 To provide optional bank codes.

3.03 To provide a number of optional figures which permit specifying the particular wiring arrangement required for any Connector Switch Circuit.

4. CONNECTING CIRCUITS

4.01 When this circuit is listed on a key sheet, the connecting information thereon is to be followed.

(a) Connectors - Toll - 10 Party - Terminal per Station - Loop Dialing SD-31300-01.

- (b) Combination - 8 Party Terminal per Station - SD-30862-01.
- (c) Combination Toll and Local - 2 Ring - Loop Dialing - SD-30220-01.
- (d) Toll - 8 Party - Repeated Dialing - SD-31696-01.
- (e) Toll - Rotary Hunting - Loop Dialing - SD-31114-01.
- (f) Local - 5 Code - 10 Party Terminal - per Station - SD-31810-01.
- (g) Local - Rotary Hunting - 1 Ring - SD-30215-01.
- (h) Combination Toll and Local - Repeated Dialing - ES-30350-01.
- (i) Local - 5 Code - 10 Party Terminal per Line - SD-30973-01.
- (j) Local Level Hunting - SD-31088-01.
- (k) Test Connector - SD-31773-01.\*
- (l) Local - 5 Code - Terminal per Line - SD-30956-01.
- (m) Local 5 Code - Terminal per Line - Rotary Hunting - SD-30957-01.
- (n) Local - 8 Party - Terminal per Line - SD-30979-01.
- (o) Local - 8 Party - Terminal per Line - Rotary Hunting - SD-30977-01.
- (p) Distributor Circuit - SD-30980-01.
- (q) Auxiliary Line Circuit - SD-32082-01.
- (r) Test Jack and Connector Test Line Circuit - SD-31857-01.\*
- (s) Local Connector - 20 Party - SD-31920-01.
- (t) Local 200-Point Connector - SD-33005-01.\*
- (u) Local 200-Point Connector Arranged for Rotary Hunting on Ninth Level - SD-33006-01.\*
- (v) Combination 200-Point Connector - SD-33009-01.\*

- (w) Interrupter Relay Circuit -  
No. 355A Circuit - SD-31868-01.
- (x) Interrupter Relay Circuit -  
No. 1 and 350A Circuit - SD-32135-01.
- (y) Ringing Interrupter and Alarm Cir-  
cuit - SD-31336-01.\*
- (z) Miscellaneous Alarm Circuit, Register  
Circuit, No. 355A - SD-31976-01.\*
- (aa) Traffic Register Circuit, No. 1 or  
350A - SD-30896-01, SD-31109-01.\*
- (ab) Line Insulation Test Control Cir-  
cuit - SD-32219-01.
- (ac) Outgoing Trunk Circuit- SD-32312-01.\*
- (ad) Ringing Interrupter and Alarm Cir-  
cuit - SD-32198-01.
- (ae) Permanent Signal Holding Trunk  
Circuit - SD-32370-01.
- (af) ROTL-2 Port Circuit - SD-32544-01.
- (ag) Auxilliary Line Circuit Arranged  
for Measured Rate Inwats Service -  
SD-99439-01.

\*Typical

SECTION IV - REASONS FOR REISSUE

D. Description of Changes

D.1 Provision is made to increase the num-  
ber of Overflow Register Circuits that  
can be associated with Rotary Hunting Con-  
nector shelves serving the measured rate  
INWATS lines, and to provide for the associ-  
ation of the Overflow Register Circuits with  
particular INWATS lines by means of cross-  
connections. One Overflow Register Circuit  
will be required for each individual INWATS  
line or for the last line of each hunting  
group of INWATS lines to facilitate  
measuring INWATS overflows.

D.2 The new wiring arrangement is covered  
in Fig. 4 which is added and rated  
Standard.

D.3 Figs. 3 and 5 are changed to show  
reference to Fig. 4, and Figs. A and B  
are updated to include Auxilliary Line Cir-  
cuit among connecting circuits.

D.4 Notes 101 and 103 are updated to show  
the use of Fig. 4 and to keep the  
record of circuit changes.

D.5 Fig. 70 changed, Figs. 71 and 72 added.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT 5245-LCB  
WECO DEPT 5152-JS-WEA