

PBX SYSTEMS
NO. 701B
TWO-WAY TRUNK CIRCUIT
ARRANGED TO TRANSFER INCOMING
STATION CALLS AND ROUTE DIRECTORY NUMBER
CALLS TO THE ATTENDANT
FOR USE WITH DIRECT DIALING TO
AND FROM A CROSSBAR CENTRAL
OFFICE ARRANGED FOR
LINE LINK PULSING WITH
E & M LEAD SIGNALING

CHANGESA. Changed and Added Functions

A.1 Provisions are made for a five second timing interval to delay the routing of a listed number call to the attendant when the central office is not equipped for single digit translation.

B. Changes in ApparatusB.1 Added

RD1 Timer ED-99514-(),
ZC Option, Fig. 1

T4 Resistor 144A, 3.01 meg.,
ZC Option, Fig. 1

T4 Capacitor 542F,
ZC Option, Fig. 1

D Diode 446F,
ZC Option, Fig. 1

D. Description of Changes

- D.1 Option A is designated and rated Manufacture Discontinued and option ZA is added.
- D.2 Option ZB is designated and option ZC is added.
- D.3 Resistor T4 and Capacitor T4 are added to provide for a five second timing cycle of the RD1 timer.
- D.4 Diode D is added to block ground from lead 7 of the RD1 timer.

D.5 The rating of this circuit is changed from "Provisional" to "AT&TCo Standard".

D.6 Connecting information for rotary out-trunk switch circuits is added.

D.7 Notes 102 and 104 are modified and Note 305 is added.

F. Changes in Description of Operation

F.1 Under Part 2, Section A, change paragraph 2.02 to read:

2.02 When a directory number is dialed from the central office, the first effective digit will step the incoming selector to the attendant level.

F.2 Under Part 2, Section B, change paragraph 2.04 to read:

2.04 Relay SW operated:

(a) Operates relay Z (ZB option).

(b) Stops don't answer transfer timing and releases relay DA if provided.

(c) Prepares a path to ground lead PC2 to the peg count register circuit for registration of all directory calls under control of relay GT.

(d) Provides a lock path for relay Z of the incoming selector.

(e) Opens lead OL between the incoming selector and the night closing circuit.

(f) Connects battery to the RD1 timer to delay the routing to the attendant until all digits have been received at the PBX (ZB option).

F.3 Under Part 4, Section B, add paragraph 2.05 and change paragraph 2.05 to 2.06:

ZA Option

2.05 After approximately 5 seconds, the RD1 timer times out connecting ground through diode D to lead C operating relay Z.

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F.4 Under Section III, 3. FUNCTIONS, add the following:

3.26 To provide a five second timing interval on a directory number call when the central office is not equipped with single digit operation.

F.5 The following circuits are added to part 4, CONNECTING CIRCUITS:

(q) Rotary Out Trunk Switch Circuit - SD-30868-01.

(r) Rotary Out Trunk Switch Circuit - SD-30891-01.

CIRCUIT DESCRIPTION

CD-5E005-01
ISSUE 2D
APPENDIX 3A
DWG ISSUE 5A

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B. Changes in Apparatus

B.1 Removed Replaced By
A Resistor 19KM, A Resistor 19MK, .
Fig. 7 Fig. 7

B.2 Added
C Diode 446F, Fig. 3

D. Description of Changes

D.1 A diode and a break contact of relay
TR1 are added in the operate path of
relay RV to prevent it from locking-up
under control of relay RVA, to ground on
contact 4 of relay T.

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