

METHOD OF OPERATION
TRUNK CIRCUIT

Ring-Down Intercepting - Arranged For Routine Instructions On Defective Final
Multiple Bank Terminals - Special "A" Switchboard - Power Driven Machine Switching
System.

GENERAL DESCRIPTION

1. This circuit is used with subscriber's lines whose final multiples are defective and with intercepting operator's cord circuits whose sleeves are connected to battery through a maximum resistance of 220 ohms.

2. When the final multiple of a line is defective the tip and ring of this trunk are connected to the tip and ring of the defective final multiple. When a call terminates on a defective final multiple ringing current from the incoming selector lights a lamp at the intercepting operator's position. When the plug of a cord is inserted in the trunk jack, the lamp is extinguished and the ringing current is tripped. The calling subscriber is then instructed how to proceed in order to communicate with the called party.

DETAILED DESCRIPTION

3. When this trunk circuit is selected by the final selector and ringing current from the incoming circuit is applied to the tip and ring of this circuit, the RD relay operates through its inner winding and locks through its outer winding under the control of the SL relay, lighting the trunk lamp at the intercepting operator's position. When the plug of an intercepting operator's cord is inserted in the trunk jack the SL relay operates, opening both the inner and outer windings of the RD relay which releases. The RD relay released, extinguishes the lamp.

4. When the plug of the cord is withdrawn from the jack the SL relay releases restoring the circuit to normal.

CIRCUIT REQUIREMENTS

THE REAJUST REQUIREMENTS SHOWN BELOW ARE FOR MAINTENANCE USE ONLY.

	<u>OPERATE</u>	<u>NON-OPERATE</u>	<u>RELEASE</u>
E11 (SL)	Readj. .014 amp. Test .021 amp. W.C.C. .028 amp.	Readj. .010 amp. Test .0095 amp.	
E608 (SL)	Readj. .065 amp. Test .073 amp. W.C.C. .080 amp.	Readj. .044 amp. Test .041 amp.	
G18 (RD) Inner winding	Special requirements to insure A.C. operation. Readj. .018 amp. Test .019 amp. W.C.C. A.C. amp.		Readj. .010 amp. Test .0095 amp.
Outer winding	Test .020 amp. W.C.C. .045 amp.		

ENG.--CHMcC-JO.
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CHK'D.--ACCH-CWP.

APPROVED - C.L.SLUYTER, G.M.L.

