

Western Electric Co., Incorporated,  
Engineering Dept.,  
New York.

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Issue 5 - BT-431181.  
Replacing all previous issues.  
February 8, 1921.

METHOD OF OPERATION  
SIGNAL CIRCUIT

Coin Collect - Full Mechanical Switching System.

GENERAL DESCRIPTION

1. This circuit is used with special "A" operator's cord circuits or cordless district circuits in a full mechanical office.
2. When the subscriber has deposited a coin, the operation of the coin collect or return key of a cord connected to a pre-payment line causes the pilot lamp to light, indicating to the operator that the coin has been collected or returned as the case may be. The operation of either key when no coin has been deposited, will not light the lamp.

DETAILED DESCRIPTION

OPERATION

3. When a coin has been deposited at a sub-station and the coin collect or return key of a cord circuit operated, 110 volts positive or negative battery is connected to the tip of the sub-station line, causing the CR or CC relay to operate in series with the coin collector at the sub-station. The operation of the CR or CC relay lights the pilot lamp. After the coin collector at the sub-station has functioned, the CR or CC relay releases, extinguishing the pilot lamp.

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CIRCUIT REQUIREMENTS

OPERATE

B36  
(+ or -)

Test .044 amp.  
Readj. .036 amp.

NON-OPERATE

Test .024 amp.  
Readj. .026 amp.

RELEASE

ENG.--WHL-VL.  
10/18/21

CHK'D.--RAP.

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