

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

( 2 Pages) Page #1.  
Issue 7 - BT-431262  
Replacing all previous issues.  
April 2, 1920.

METHOD OF OPERATION  
SIGNAL CIRCUIT

Interrupted Flash - Selector Frames - Full Mechanical Power Driven System.

GENERAL DESCRIPTION

1. This circuit is used in connection with selector circuits to give a visual and audible alarm whenever a busy back interrupter lead becomes grounded.

DETAILED DESCRIPTION

OPERATION

2. Should lead H become grounded, a circuit is closed from ground on the lead, through the interrupter contacts, to battery through the winding of the BB relay, which operates and releases in unison with the make and break of the #149-H or #149-M interrupter. The operation of the BB relay closes a circuit from ground on its left armature to battery through the #2G lamp, lighting the lamp. The operation of the BB relay also closes a circuit from ground on its right armature through lead A, to a fuse alarm circuit (not shown), operating an auxiliary alarm at the selector frame. When the ground on lead H is removed, the BB relay releases, and the circuit is restored to normal.



( 2 Pages) Page #2.  
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CIRCUIT REQUIREMENTS

OPERATE

NON-OPERATE

RELEASE

E458 Test .013 amp.  
(BB) Re-adj. .011 amp.

Test .0014 amp.  
Re-adj. .0015 amp.

ENG.--WHL-JO.  
4-6-22.

CHK'D.--FAB.

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