

METHOD OF OPERATION  
SIGNAL CIRCUIT

Unit Drive Motor - Stop Alarm And - Frame Busy On Selectors - Machine Switching  
System - Outgoing Trunk And Sender Monitoring Test Board.

GENERAL DESCRIPTION

1. This circuit is designed to give an audible alarm and a visual signal near the switchman's desk whenever the selector frame drive motor stops. Provision is made for the removal of the alarm and the operation of a warning signal when a drive motor is stopped intentionally. If a motor runs with its "stop" alarm disconnected, a combination of alarm and signals will indicate such a condition so that the "stop" alarm may be restored.

2. In case of a cable failure or the operation of the frame busy key, the associated green lamp lights.

DETAILED DESCRIPTION

OPERATION

3. For each drive motor there is a red M.S. lamp, a white M.S. guard lamp and a 92-B motor stop key. Cable failure and busy frame conditions are indicated by green lamps.

4. With the motor running and the M.S. key in normal position there will be no lamp signal. When the district frame or miscellaneous frame drive motor stops or slows down below the regulated speed the associated red M.S. lamp lights. The M.S. key is then operated, extinguishing the red lamp and lighting the white guard lamp as an indication that the M.S. signal has been disconnected. If the drive motor runs under this condition both the red M.S. lamp and the white M.S.G. lamp will be lighted indicating that the M.S. key should be restored to normal.

5. In the event of cable failure or the operation of the frame busy key, the green F.B. lamp will light.

ENG.--HBH-VL.  
9/20/21.

CHK'D.--ELC.

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