

ALARM CIRCUITS FOR THE 40, 60, AND 120 I.P.M.

INTERRUPTER CIRCUIT SD-63367-01

TOLL SYSTEMS

1. GENERAL

1.01 This section describes a method of testing the alarms for the 40, 60, and 120 I.P.M. interrupter circuit SD-63367-01.

1.02 The tests covered are:

- (A) Open Circuit
- (B) Trouble Ground

1.03 Tests on the interrupter supply and alarm circuits shall preferably be made during periods of light traffic so as not to interfere with service.

1.04 A check of the multiple alarm lamps and audible signals shall be made when multiple appearances are provided.

2. APPARATUS

Test (A)

2.01 One 258D (dummy) Plug.

3. METHOD

(A) Open Circuit

3.01 This test checks that visual and audible alarms are given for an open circuit condition on the interrupter supply lead and that it will automatically transfer and substitute a supply, from a relay interrupter, when the trouble occurs.

When OPEN TST Key Is Provided

3.02 Operate the OPEN TST key. Observe that the ALM lamp lights, the minor alarm operates and the annunciator lamp lights.

3.03 Check that the TST lamp is flashing at the relay interrupter rate of supply, when provided.

3.04 Restore the OPEN TST key to normal. Check that the major alarm operates and the annunciator lamp lights.

3.05 Momentarily operate the RLS key. Observe that the ALM, TST, and annunciator lamps are extinguished, and the audible office alarms are retired.

When OPEN TST Key Is Not Provided

3.06 Insert a 258D (dummy) plug into the A jack, and remove it after several seconds. Observe that the ALM and annunciator lamps light, and the associated office alarms operate.

3.07 Proceed as in 3.03 and 3.05.

(B) Trouble Ground

3.08 This test checks that visual and audible alarms are given for a trouble ground condition on the interrupter supply lead and that it will automatically transfer and substitute a supply, from a relay interrupter, when the trouble occurs.

3.09 Operate the GRD TST or TST key. Observe that the ALM and annunciator lamp lights and the minor alarm operates.

3.10 Proceed as in 3.03.

3.11 Restore the GRD TST or TST key to normal. Check that the annunciator lamp lights and the major alarm operates.

3.12 Proceed as in 3.05.

4. REPORTS

4.01 The required record of these tests should be entered on the proper form.