

**TIMING TEST SET
FOR USE WITH SELECTOR TEST FRAMES
(BOX TYPE)
EQUIPMENT DESIGN REQUIREMENTS
PANEL SYSTEMS**

1. GENERAL

Scope

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the framework, equipment, and circuit to be used in the manufacture of a timing test set for use with selector test frames in panel offices.

Description

1.02 The timing test set is a portable set which, in conjunction with a district, office, incoming, or final selector test frame, checks the speed of operation of a selector circuit in completing its selection functions.

1.03 The timing test set is assembled in a standard-type, aluminum housing consisting of a panel, on which the jacks, lamp, and key equipment is mounted, and a case assembly. The case encloses the equipment and wiring which is located on the underside of the panel by means of a plate suspended between the guards. A cover is provided to cover the panel when the set is not in use, and a handle is provided on the cover for convenience in carrying. The over-all dimensions of this set are approximately 12 inches long, 8 inches wide and 7-1/2 inches high with cover.

1.04 Three jacks are provided to terminate the patching cords from the test frame. These cords supply the battery, ground, and control leads.

1.05 A lamp is provided to indicate failure of the selector to complete its selections within the 3-second timing interval provided in

the timing circuit. It also indicates the operation of the mercury relay in the test box which should be operated by momentarily operating the push-button key.

2. SUPPLEMENTARY INFORMATION

815-000-000 — Panel Systems Index
AA128.006 — List of General Equipment Requirements Sections

3. DRAWINGS

WECO J drawings should be ordered by referring to the prefix and base number and requesting the current dash (-) number.

Equipment

J24719A-() — Timing Test Set

Circuit

SD-21984-01 — Timing Test Set Circuit for Use with Selector Test Frames

4. EQUIPMENT

J24719A (A&M Only) — Timing Test Set

Equipment — J24719A-()

List 1 — Framework, assembly, wiring, and equipment for one timing test set per SD-21984-01, Fig. 1, less cords.

Notes

- A. One 2P9C and two 3P15A cords shall be furnished as part of this test set.
- B. 24 gauge, type "BW" surface wiring shall be used for this test set.

Bell Telephone Laboratories, Incorporated

Dept 2364